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THE PRESIDENT'S REPORT, PART 2

FOR THE ACADEMIC YEAR ENDED

JUNE 30, 1973

THE UNIVERSITY OF WESTERN ONTARIO  
LONDON CANADA

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The present financial position is precarious. It is becoming worse as many economic indicators and all prices... are rising. In the [1974] Department, prices fell faster than salaries. Thus, salaries are barely keeping pace with price increases... there are many real programs over which institutions have little or no control. The University Income shows a decline in voluntary giving as well as in the amount of Government support.

\* The New Depression in Higher Education, A Study of Financial Conditions at 41 Colleges and Universities, by Earl P. Chell. A general Report for the Carnegie Commission on Higher Education and the Ford Foundation, McGraw-Hill Book Company, 1971.

## PRESIDENT'S REPORT, 1973

## " WARTS AND ALL"

The academic year 1972-73 has come to be known locally and colloquially as the year of the " budget freeze, cut and squeeze". Most of what follows stems directly or indirectly from our budgetary difficulties. The title of a recent study by the Carnegie Foundation puts the same problem more elegantly as " The New Depression in Higher Education".<sup>\*</sup> The financial difficulties that have plagued us in the past year are far from being unique to Western; the Carnegie study makes clear that they are at least continent wide.

" The late 1950 s and most of the 1960 s were, in fact, years of unprecedented growth for higher education. In the decade ending 1967-68, enrollments doubled, income and expenditures tripled. Expenditures for plant rose four fold ... Despite the growth, however, the fiscal structure of many institutions was not sound... There was neither budget nor plan for permanent financing in the event of a downturn... The bills still continue to come in, but now there isn't enough money to pay them... the current economic crisis is unique and will become more difficult than the Great Depression. The reasons... concern both the expenditure and income accounts... the present income squeeze is perverse. It is occurring while many economic indicators and all prices... are rising... In the [1930's] depression, prices fell faster than salaries. Today, salaries are barely keeping pace with price increases...there are many cost pressures over which institutions have little or no control... The University income shows a decline in voluntary giving as well as in the extent of Government support. "

\* The New Depression in Higher Education, A Study of Financial Conditions at 41 Colleges and Universities, by Earl F. Cheit. A general Report for the Carnegie Commission on Higher Education and the Ford Foundation, McGraw-Hill Book Company, 1971.

Having thus established how wide spread are the ills that beset us, my next concern is to trace in some detail, the impact of this depression on Western together with an outline of the measures we are taking to cope with it.

### Government Financing and Enrolment

Some five or six years ago, the universities of the Province and the Government of Ontario jointly worked out that unique "formula financing" scheme which took Ontario's name around the academic world. The formula began with the "Basic Income Unit" [B. I. U. ], which was the amount required to educate a student in the general Arts course for one year. All other programs were "weighted" as multiples of the B. I. U. , ranging up to 6 B. I. U. 's as the cost of educating a Ph. D. student for one year. This formula avoided the distasteful task of subjecting individual University budgets to line by line scrutiny and it put all universities on the same financial base. At the same time, it established effective Government control over total expenditures by tying University income directly to the number of students being educated in the provincial system in any given year. The formula worked well as long as student numbers kept growing. It became a nightmare when enrolments, though continuing to grow, did so at a much less rapid rate than projected. This occurred because universities were required to hire staff and otherwise commit funds on the basis of projected or anticipated enrolments rather than on actual enrolments. As long as registrations exceeded projections, sufficient money was available to "take

up the slack". A further feature of the formula was that as prices and costs generally continued to rise, the Government determined the size of increase in the B.I. U. value, thereby achieving yet another control over total expenditures. The fact of the matter is that the rate of increase of the B.I. U. value has steadily declined from 9.85% in 1968-69 to 2.0% in 1972-73. During this same period, the cost of living index rose each year anywhere from 3% to 5%. Given this situation, one can see the origins of the Ontario version of the new depression in higher education. The universities find themselves caught in a "double bind"; [1] a sharp drop in enrolments below budget projections, and [2] a sharp drop in the percentage increase in the B.I. U., bringing it to a figure well below the cost of living index.\*

In late July, 1972, it became evident that Western's enrolment was in all probability about to fall significantly below predictions, a situation which demanded prompt action. Accordingly, the budgets of all units of the University were "frozen" in early August. This meant that no new expenditure, however, routine, was permitted without the authorization of the appropriate Vice-President. It was further understood that should enrolments pick up, the "freeze" would be discarded. By September, it became evident that if anything, enrolments would be even lower. A meeting of all budget units together with members of the Board, Senate, and Faculty Association was convened and the situation was explained in detail. As a consequence of this

\* Two of our sister universities have already experienced the next development in this downward spiral, an absolute drop in enrolment in 1972-73 from 1971-72.

meeting, we asked the heads voluntarily to cut their already frozen budgets by one percent. Many were quick to point out that a 1% cut at that time of year was in effect, a three to four percent cut in the portions of their budgets that remained available. Thanks to the high morale and mutual trust and confidence that exists among my colleagues, the 1% overall reduction was in fact achieved in the face of these formidable difficulties.

Later in the Spring of 1973, when we feared that certain uncontrollable costs were going to force our deficit budget still higher, I asked my colleagues to undertake a voluntary "squeeze" on such budgetary sums as remained unspent in the last two or three months of the fiscal year and once again, they rose to the challenge. This picture then, though sobering financially, is not wholly gloomy psychologically. The great psychologist, the late Gordon W. Allport of Harvard once defined high morale as "the individual member's contribution to the group's objectives". The manner in which my colleagues closed ranks before a common danger in a matter vital to the health of the University, deserves the highest praise. These measures, together with some extra short-term investment income, plus savings achieved by greater efficiency in management, eliminated the heavy deficit that threatened us a year ago. In retrospect, the initial decision to "freeze" budgets was sound psychologically as well as financially, since it served as an early warning device. As a consequence, when the cuts and final squeeze were imposed, people were aware of the seriousness of the situation and ready to make the necessary sacrifices.

Another decision taken in the Fall was that Western put itself on a "slip-year" financing basis. By this, we meant that we would use our income as of 1 December, 1972, as the budgetary base for the 1973-74 academic year. Faced with the prospect of still further drops in enrolment, we felt this device would give us a cushion of one year in which to plan for the year following. It came, therefore, as both a great relief and as a justification of our judgment when the Government adopted the slip-year financing scheme for all Universities. This meant that the Government would guarantee for the coming year, last year's actual income, regardless of any further drop that might occur in that coming year's enrolment.

Another, and highly unpopular decision of the Government, was that of increasing the student tuition fees by \$100.00 across the board for all undergraduate courses. Students reacted vigorously against this through protests and repeated meetings with various Government officials. On the Western campus, this protest finally took the form of a fee strike and a sit-in, whereby for the first time in our history, Western students took over and occupied a building, albeit a small one. This occupation began on a Thursday evening [January 11th] and lasted until the following Sunday evening when the occupying group vacated the building to take advantage of the presence of the Premier of the Province in another part of the campus to present their case to him. Contrary to our fears, this fee strike made very little difference to the total amount of fees eventually collected. Its main effect was that of



contributing to a deterioration in the relations between students and Government.

### Moratorium on Capital Expenditures

In the midst of our self-imposed austerity measures, the Minister of Colleges and Universities announced "a near moratorium" on Capital Spending; a moratorium that has yet to be lifted. The immediate effect on us was to defer plans for four greatly needed buildings. These were the Phase 1 expansion of the Health Sciences Building, [ for the expansion of Nursing and Medicine]; a new Recreational and Athletic Building, mainly for indoor hockey and track and field events; an expansion of the McIntosh Art Gallery into a Visual Arts Centre and the proposed Faculty of Science additions.

Of all these, the most serious deprivation was the Health Sciences addition. At the time of the Government moratorium, the design for the building had been completed and had, in fact, been put out to tender. The Recreation and Athletic Building and the Art Gallery Extension were also designed and out to tender and these too, were cancelled. The Science additions were similarly complete as to design, but no tender call had been made.

The interruption of the Health Sciences Building was frustrating, since the University had been under great pressure by the Government to expand its intake of medical students from 75 to 150. In the interim, we had managed to increase student intake from 75 to 100 without any capital construction increase

but had done so on the expectation that such construction would be soon forthcoming. The Faculty of Medicine continues to receive ten applications for every space it has available. We are continually assured that doctors are needed, yet we must postpone the opportunity of increasing our contribution to this need. Despite this capital set-back, some advances have been made in building for paramedical education in that with the declining enrolment in Social Sciences, we are in process of converting 6,900 assignable square feet in the Social Science building for use by our Communication Disorders Program.

Some indication of the importance attached to the new Recreation and Athletic Building can be found from the fact that the students, on their own initiative, proposed that their activity fee be increased by \$ 7.00 per annum, [ to yield approximately \$ 105,000.00 per year ] to help pay for this building. This was put to the student body by students in the form of a referendum and was overwhelmingly endorsed, even though most of those voting for it knew that they would graduate before it was built. The Governors of the University have agreed in principle that the University should share the the cost of this building equally with the students.\*

It was our hope that for a relatively modest sum, we might be able to add a Visual Arts Centre to the present McIntosh Art Gallery. The idea

\* Since this was written, both Board and Senate have agreed that the project should go forward.

of the Centre, as its name implies, was to supplement the Gallery function by making available both indoor and outdoor space for sculpture, special exhibitions, exhibitions in other than the traditional media. Such a centre would complement rather than conflict with the proposed new London Art Gallery which many of us hope will be built downtown for traditional community art purposes. As yet, we find ourselves unable to proceed with this and with the Science additions.

#### Effects of Budget Cuts on Staff

The most immediate effect on the support staff occurred when the moratorium on Capital Development was imposed, which meant that most of those concerned in the design, planning, furnishing, etc., of new buildings suddenly became redundant. As a consequence, some eight persons had to be terminated. Twenty-three have been retained on the University staff, but transferred to other employment. In addition twenty-two other administrative staff members have been terminated. These include buildings and grounds employees, food handlers and caretakers. Wherever possible, we have attempted to avoid such terminations through natural attrition and internal transfers. On the academic side, falling enrolments have produced a growing uneasiness among junior faculty, particularly among those holding limited term and probationary appointments. As might be expected, the possibility of academic staff reduction has become a matter of increasing concern to the Faculty Association and to interested students, whose representations to the administration on these matters have occurred with

Heretofore, almost every faculty member on a one-year limited term appointment has entertained the reasonable expectation that if his work was satisfactory, he would likely be offered at least another one-year appointment, if not something better. Also, those appointed on probation [ usually a three-year term], have heretofore rightly assumed they were being seriously considered for promotion and for tenure; in short, for a career at Western. These expectations are no longer reasonable. Any person on a limited term or probationary appointment and performing satisfactorily must now face the prospect that his appointment may not be renewed, simply because we may not have the money to pay the salaries involved.

Understandably enough, the first effect of terminating some such contracts has been an increased anxiety and militancy on the part of junior faculty. Appointments, as well as recommendations for both promotion and the conferring of tenure, are handled in the first instance, by appropriate committees in the departments concerned. Their recommendations must be carried forward by the Chairman of the Department and by the Dean. The Chairman, however, is not obliged to accept the recommendations of the Committee. When disagreement occurs, the regulations state that the Dean shall make the decision. If the academic staff member involved is not satisfied with the results of this machinery, he may appeal to a special committee of the Senate, whose decision is final. The fact that we have had more such appeals

in the past year than heretofore is testimony to the growing sense of unease and insecurity generated by this academic depression. There is no easy answer to this problem which, I fear, may get worse before it gets better.

A further academic consequence of budget cutting is to be found in the growing concern, both on and off the campus, about the number of non-Canadians holding academic appointments in the country generally, and in the Province of Ontario in particular. This situation, coupled with Canada's concern over the americanization of the country as a whole, led to the appointment of a Select Committee of the Ontario Legislature whose task it was to inquire into the current state of economic and cultural nationalism in the Province. As the then Chairman of the Council of Ontario Universities, I was invited to appear before the Committee accompanied by its Executive Director, Dr. J. B. Macdonald, to give testimony and answer questions on the matter of the alleged discrimination against Canadians in Ontario university appointments. While the Committee has yet to render its formal report, preliminary indications show that it is, on the whole, reasonably well satisfied that there is not an excessive number of American and other foreign nationals on the staffs of Ontario universities, and that this number will, in all likelihood, decrease with the passage of time. As far as Western is concerned, just short of two-thirds of the teaching staff are of Canadian origin. Of the remainder, less than one-half are American and a similar number are from other Commonwealth countries. The small number remaining come from a wide variety of

nationalities. This, I submit, is as it should be. In this same connection, our analysis demonstrated that an overwhelmingly large portion of those in administrative posts, both academic and non-academic, are Canadians [85%-90%].

### Action

The past year has witnessed two major decisions undertaken in response to the problems of shrinking income and spiraling costs. I refer to the new scholarship program initiated by Western last Spring and to the extensive program undertaken by the Advisory Committee on Academic Planning for the Ontario University system as a whole. Our scholarship program was designed to improve the quality of those coming to Western by insuring that a larger number of outstanding students not only learned about us but were also made aware of the fact that we too, had scholarship funds available. As a consequence, we established 300 admission scholarships, 100 each of the value of \$1,500.00, \$1,000.00 and \$500.00. In so doing, we realized an objective toward which the Scholarship Committee of the Senate had been working for the past four years. Western's scholarship portfolio has long been grossly inadequate when compared to say, the Universities of Toronto and Queen's. As a consequence, we had been losing a disproportionately large number of students who had indicated Western as their first choice, to other universities that had had the foresight to establish attractive scholarship programs. It was our hope that by offering these scholarships, we would retain a substantially larger number of those outstanding students who wanted to come to us in any case.

These hopes are now well on the way to realization. As this is being written, we have successfully held a larger number of good students without significantly depleting the numbers registering with our sister institutions.

#### Advisory Committee on Academic Planning

Through the action of the Council of Ontario Universities and on the urging of the Ontario Government, the Advisory Committee on Academic Planning was brought into being. This body, which represents a cross-section of the universities and of all the disciplines taught therein, was charged with the task of examining all graduate programs in the system to detect unnecessary duplication among universities, to recommend where necessary, a reduced graduate output of M. A. 's and Ph. D.'s in areas where oversupply is a danger and to recommend increased output where such was found to be necessary. The universities have just begun to assess the wide-ranging implications of the ACAP recommendations in the first half-dozen disciplines reported on. As of this time of writing, it is apparent that Western's School of Library and Information Science will probably be encouraged to work with Toronto to establish the first Ph. D. program in Library Science. It is a satisfaction, but not a surprise, to report that in the opinion of the outside consultants employed to assess Economics and Chemistry [ two of the first disciplines to be studied ], we enjoy enviable international

PERSONAL

reputations. From the start, Western has been inclined to support ACAP even though we are well aware of its ponderous slow motion, and of the dangers inherent in its persistent flirtations with "planning numbers". We are very much of the opinion, however, that "with all of its imperfections on its head", we would prefer to cooperate with our sister institutions in this ambitious and difficult effort at self-government rather than give up the struggle and turn the decision-making over to a Government-appointed body. In our view, this would be another long step in the successive erosion of their autonomy to which universities are being subjected.

All in all, it has been a sobering and difficult year, sobering as to future prospects and difficult as to staffing and finances. The manner in which all of my colleagues, both academic and non-academic, have closed ranks and cooperated fully in seeking solutions to these problems is immensely to their credit and I am correspondingly grateful for their loyalty and assistance.



PERSONAL

It is with a profound sense of loss that I must record the passing of an unusually large number of faculty, staff and distinguished friends of the University during the 1972-73 academic year: Dr. K. M. McGregor, member of the Department of Psychiatry, Faculty of Medicine and Superintendent of the St. Thomas Psychiatric Hospital; Dr. E. V. Metcalfe, Faculty of Medicine, Associate Professor and Chief of Psychiatry at Westminster Hospital; Professor W. Howard Munn, Assistant Professor, Faculty of Music and Principal of the Western Ontario Conservatory of Music [1960-70]. The Faculty of Music has established a memorial scholarship in his honor; Dr. J. C. Rathbun, Head of the Department of Paediatrics at the University and Chief of Paediatrics at Victoria Hospital [1949-1972]; Dr. A. J. Watt, honorary lecturer in the Department of Medicine; Mr. G. E. Dierlam, Chief Postal Clerk, Department of Physical Plant; Mrs. Emily V. Fretown, Department of Food Services; Mr. C. E. Jarvis, Technical Officer, Department of Anatomy for the last thirty-one years; Mr. Gordon C. Steward, Technical Officer, Department of Medicine for twenty-six years; Mrs. Louise Weyerman, Secretary, Department of History, Faculty of Social Science; Mr. A. H. Why, Department of Food Services at Spencer Hall.

The University mourns the decease of several retired members of faculty and staff: Mr. A. G. Affeldt, Department of Food Services; Miss Catherine Campbell, Assistant Librarian for 34 years [1923-1957]; Dr. F. J. H. Campbell, former Dean of the Faculty of Medicine [1934-44] and member of the

Faculty for thirty-one years [1919-1950]; Mr. R. Drysdale, Department of Physical Plant; Mr. Stanley S. Gilbert, Department of Food Services; Dr. J. A. Gunton, Professor Emeritus and former head of the Department of Chemistry, an authority on forensic chemistry who served this University with distinction for thirty-seven years; Mrs. E. R. Leachman who for many years, prior to retirement in 1968, served with devotion in the Bookstore; Dr. H. S. Little, former Professor and Head of the Department of Paediatrics, [1922-1955]; Mr. W. Nisbet, Department of Physical Plant, whose Scottish brogue and quiet sense of humor graced this campus for thirty-seven years prior to retirement in 1968; Mr. W. Gordon Pirrie, locker room supervisor for twenty-two years in the Department of Athletics; Dr. E. M. Watson, Professor Emeritus and former head of the Department of Pathological Chemistry, a widely recognized authority in the field of diabetes, who served Western for forty-one years; Dr. A. R. Waud, Professor Emeritus and former Head of the Department of Pharmacology who served this University for thirty-seven years.

The University pays its final respects as well to Mr. Robert A. Reid, former member of the Board of Governors [1958-1968] and founding Chairman of the School of Business Administration Advisory Committee. His service to the Board coincided with a period of unprecedented growth in the University and his broad experience in financial affairs, his vision and leadership were of inestimable value during that era.

To the families, colleagues and friends of each of the deceased, I extend deepest sympathy on behalf of all members of the University.

There were a number of changes in senior academic positions during the past year: Dr. O. H. Warwick retired as Vice-President [Health Sciences] after seven extraordinarily productive years in that role. As former Dean of the Faculty of Medicine and an eminent research scientist in the field of cancer, Dr. Warwick has unstintingly devoted his energies to the development of the finest Health Science Complex in Canada. He has been a tower of strength in the administration of the University and his wise counsel and never failing common sense have been of inestimable value, both within and outside of the University. He will be greatly missed by his colleagues. It is a source of great satisfaction to everyone at Western that Dr. Warwick will be remaining at the University as a clinical professor of Medicine. He will be succeeded as Vice-President [ Health Sciences] by Dr. D. Bocking on a pro-tem basis.

After thirteen years as Dean of the Faculty of Nursing, R. Catherine Aikin retires from that appointment at the end of this academic year. During her tenure as Dean, the Faculty of Nursing has grown immensely in stature and service to nursing care in the Province and beyond. Her quiet efficiency and unfailing graciousness have gained the respect and affection of all those who worked with her over the years. Fortunately for the University, Dean Aikin will return to the Faculty of Nursing as professor after a well deserved study leave. Miss Aikin will be succeeded as Dean by Dr. M. Josephine Flaherty, widely respected nursing administrator and educator, and immediate past president of the Registered Nurses' Association of Ontario.

This year marks the retirement as well of Clifford von Kuster, Dean of the Faculty of Music after thirteen years of decanal responsibility. The period of his stewardship has been one of phenomenal growth both in the size and the prestige of the Faculty, a tribute to his sensitive and progressive leadership. He will be on study leave for the next year and will return as professor of Music. Dean von Kuster will be succeeded by Hugh J. McLean, distinguished Canadian performer and music scholar.

I am happy to record that Dr. A. E. Scott has been re-appointed Dean of the Faculty of Science for another seven-year term. His record of leadership and administration has been outstanding. During the academic year 1973-74, Professor R. G. E. Murray will be Acting Dean of Science whilst Dr. Scott is on study leave.

During this academic year, Professor W. C. Howell, accepted re-appointment as Assistant Dean in the Faculty of Science while Professors A. T. Hunter and J. H. Watson were re-appointed Assistant Deans in the Faculty of Medicine; Dr. J. F. Graham and Dr. C. Sprovieri received initial appointments of Assistant Dean in the School of Business Administration and the School of Library and Information Science respectively.

Under the broadly established system of rotating chairmanships adopted by many Faculties, this academic year marks the appointment or re-appointment as Department Chairmen or Heads of Dr. W. P. Alford [Physics]; Dr. A. L. Amacher [Acting Chief of Paediatrics, Victoria Hospital]; Dr. J. B. Bancroft [Plant Sciences]; Dr. H. J. M. Barnett [Neurological Sciences, effective

July, 1974]; Dr. R. W. Binkley [Philosophy]; Dr. R. Immerwahr [German]; Professor D. d'Kergommeaux [Acting Chairman, Fine Art]; Dr. B. B. Kymlicka [Political Science]; Dr. J. S. McIntosh [Applied Music]; Dr. R. F. Mereu [Acting Chairman, Geophysics]; Dr. D. G. Montemurro [Anatomy]; Dr. E. R. Plunkett [Obstetrics and Gynaecology]; Dr. Margot R. Roach [Biophysics]; Dr. B. D. Sanwal [Biochemistry]; Dr. J. P. Sapp [Division of Oral Pathology]; Dr. H. C. Soltan [Division of Medical Genetics]; Dr. Neville Thomas [History]; Dr. G. H. Valentine [Acting Head, Paediatrics]; Dr. J. M. Wanklin [Acting Chairman, Epidemiology and Preventive Medicine]; Dr. G. Wunsch [Theory and Composition, Faculty of Music]. To each of the designated Chairmen and Heads go our best wishes for stimulating years of administration and teaching. To those who retire as Chairmen this year or are embarking on study leave, the gratitude of the University goes with them as they resume their careers as full-time teachers and researchers.

The establishment of a new group designated Student Services brought about the institution of several new appointments: Mr. T. L. Hoskin became Coordinator of Student Services; A. E. D. MacKenzie was appointed Acting Dean of Men; Mr. A. K. Knill was appointed Director of Housing; R. K. Gauld was appointed Business Manager of Residences; E. M. Laing was appointed Manager, Residence Admissions and Campus Housing, while R. A. Virtue was appointed Conference Coordinator.

I am proud to record the appointment of Mr. L. T. Moore as Director of University Relations and Information; Mr. N. Bellchamber as Director of Alumni Affairs; Dr. F. R. Atance as Director of the Trois Pistoles

Summer School; Mrs. Margaret Avison as "Writer in Residence"; and the re-appointment of W. G. Nediger as Deputy Registrar.

During this past year of financial stress and enrolment uncertainties, I have appreciated the monumental efforts of my colleagues on Senate, and I take this occasion to single out those who have borne the lion's share of the burden: Dean J. G. Rowe, Vice-Chairman of Senate; Dr. H. W. Baldwin, Chairman, Senate Budget and Finance Committee; Dr. D. E. Gerber, Chairman of the Senate Committee on Admissions and Academic Programs Policy; Vice-President R. J. Rossiter, Chairman of the Senate Promotions [Appeals] Committee; Dean A. E. Scott, Chairman of the Senate Committee on University Development; Dr. H. C. Clark, Chairman, Operations/Agenda Committee; Dr. T. J. Collins, Chairman of the Nominating Committee; Dr. D. B. Walden, Chairman of the Senate Review Board [Academic] and Dean W. J. Dunn, Chairman of the Convocation Committee. With their selfless assistance and counsel, much was accomplished of lasting value to the University.

During this eventful year, the Board of Governors has been faced with a series of difficult decisions arising principally from the action of the Province to place a freeze on capital expenditures, not to mention the anxieties arising from the enrolment shortfall experienced in the Fall of 1972. These and many other complex problems were met with equanimity and resolve under the able guidance of Captain Joseph Jeffery, retiring Chairman of the Board. Captain Jeffery has served the Board and the University over the last eighteen years as member, Vice-Chairman and Chairman. His wise counsel,

unfailing sense of proportion and diplomacy have provided calm leadership throughout the many turbulent years of his service. Fortunately, for the University, Captain Jeffery will remain a member of the Board until the expiration of his appointment in 1975. Mr. R. M. Ivey, Q. C., will succeed Captain Jeffery as Chairman, while Mr. W. C. P. Baldwin will become Vice-Chairman, effective July 1st, 1973.

I take this opportunity to welcome Mr. David Rubinoff, Controller Frank A. Ross, Controller E. A. Blake, Warden Wallace Laidlaw, Professor M. H. A. Keenleyside and Acting Vice-President D. Bocking as members of the Board. Their wide experience in University and Community affairs will add immeasurably to the deliberations of the Board. I am happy to record as well, the re-appointment by the Lieutenant-Governor in Council of Mr. R. M. Ivey and Brigadier W. H. Hemphill and by re-election by the Alumni Association of Dr. C. S. Ward.

I wish to express the gratitude of the Board and of the University to three retiring members, Professor C. C. Bigelow, Mr. J. D. Harrison, Q. C., and Dr. O. H. Warwick. Their conscientious, knowledgeable contributions to Board affairs will be missed.

Each year, the University suffers the loss of some of its most esteemed members by way of formal retirement. Seven of Western's most distinguished professors retire June 30th, 1973; Dr. Murray L. Barr, Faculty of Medicine, an internationally honored medical scientist whose modesty is even greater than his many achievements as an eminent research

scientist, historian and teacher; Dr. F. S. Brien, Faculty of Medicine, distinguished internist, consultant and teacher, former professor and head of the Department of Medicine [1945-1972] and Chief of Medicine at Victoria Hospital [1966-1972]. Dr. Brien's service to his country, his University, and the medical profession have made him one of Canada's most highly regarded physicians; Dr. G. E. Hobbs, Faculty of Medicine, former Assistant Dean of the Faculty [1953-1967], professor and head of the Department of Psychiatry and Preventive Medicine [1953-1967], and head of the Department of Psychiatry [1967-1972]. His many contributions to the development of Psychiatry and Neurology at Western are recognized with gratitude by the University; Dr. C. F. Klinck, former head of the Department of English and a highly respected author, scholar and teacher in the field of Canadian literature; Dr. R. C. Overton, Department of History, who has had a life-time love affair with railroads and whose insights into American History and the Canadian way of life have enriched generations of admiring students; Professor L. F. Ritcey, Department of Mathematics, distinguished actuarial mathematician and former Executive Director of the Canadian Mathematical Congress; and F. H. Rowland, former Secretary of the Board of Governors [1962-1966], and member of the School of Business Administration for the last seven years. His empathy with students and colleagues over the years is matched only by his superb abilities as a teacher and administrator.



June 30th, 1973, also marks the formal retirement after long years of devoted service to the University of Mrs. V. B. Burt and Mrs. M. Ford, Department of Food Services; Mrs. H. Baal and Mrs. E. M. French, University Libraries; Mr. S. A. Quaife, technician in the Department of Pathology; Mr. F. Tomazic and Mr. A. G. Greene, Department of Physical Plant.

With each of those who formally retire this year, goes the wish for many years of active, happy retirement.

The Board of Governors again this year, continued the practice of awarding the designation of "Professor Emeritus" to retiring members of faculty, in recognition of their many years of distinguished service to the University. On the recommendation of their respective faculties, the following were so honored: Professor C. F. Klinck [English]; Professor G. R. Magee [Mathematics]; Professor A. H. Neufeld [Pathological Chemistry] and Professor R. C. Overton [History].

As they now are about to enjoy full retirement status, the University expresses to each of them its sincere gratitude and admiration for years of loyal, devoted service.

I am happy to announce as well, that the Faculty of Medicine has conferred the designation of "Honorary Professor" on Professors F. S. Brien [Medicine] and G. E. Hobbs [Psychiatry]. Fortunately for the University, both will continue to serve Western on a part-time basis.

I would single out for special tribute, several members of the University Community who served with ancillary organizations on campus and have performed extraordinary service to the University and to the bodies they headed. I refer to Dr. <sup>R.T.</sup> Collyer, President of the Alumni Association; Dr. J. F. Graham, President of the University Club of London; Dr. D. S. Hair, Chairman of the University of Western Ontario Faculty Association; Mr. H. R. H. Stikeman, President of the University Students' Council; and Mr. I. J. Turnbull, Chairman of the University Community Centre Directorate.

Many members of the faculty, staff and administration have brought outstanding honors to themselves and to the University during the past academic year; Professor Murray L. Barr, Department of Anatomy, who "among his colleagues is known as a distinguished anatomist, a superb teacher who cares about students and who gets satisfaction from teaching, and as an outstanding scientist. He is a true gentleman, who has respect and time for his fellow men", was awarded the degree of Doctor of Laws, honoris causa, by the University of Saskatchewan; Professor Charles G. Drake, Chairman, Department of Clinical Neurological Sciences was awarded the degree of Doctor of Science, honoris causa, by Memorial University: "Reputations such as that of Charles George Drake are not won lightly, but are built on a combination of outstanding skill and leadership in the development of techniques . . . he has added to a Canadian tradition in neurosurgery already made famous by the name of Penfield "; Professor Walter A. Thompson,

Professor Emeritus, School of Business Administration, was twice honored with the award of the degree of Doctor of Laws, honoris causa by Western and by York University: "To a generation of Canadian business managers and leaders, Walter Thompson is more frequently identified with management education than any of the universities or institutions committed to this process. In this sense, he has himself become an institution in his own time ... he has met the many challenges of his career with a combination of great personal warmth, skill as a teacher, and total dedication"; Chancellor J. P. Robarts was invested as Companion of the Order of Canada; Professor G. M. Bancroft [Chemistry] was awarded the prestigious E. W. R. Steacie Memorial Fellowship by the National Research Council; Professors M. A. Bergougnou [Engineering Science], J. R. Bolton [Chemistry], J. C. D. Brand [Chemistry] and J. E. Zajic [Engineering Science] were elected Fellows of the Chemical Institute of Canada, "in recognition of sustained and major contributions to the science or profession of chemistry or chemical engineering"; Dr. R. I. Brooke [Dentistry] was elected Fellow of the Canadian Academy of Oral Pathology; Dr. G. F. D. Heseltine [Psychiatry] was elected a Fellow of the American Psychiatric Association; Professor R. C. Murty [Physics] was elected Fellow of the Royal Meteorological Society [United Kingdom]; Dean J. J. Wettlaufer [Business Administration] was designated Honorary Fellow of the Institute of Canadian Bankers for "his invaluable contribution to management education in Canada"; Canada Council Senior Leave Fellowships were awarded to Professors J. Asensio [Spanish and Italian], T. M. Brown [Economics], J. C. Day [Geography], J. D. Denny [Psychology], D. S. Hair [English], M. A.

Hickling [Law], D. J. Hockney [Philosophy], D. Kimura [Psychology],  
 A. Marras [Philosophy], J. M. Newman [Spanish and Italian], B. Rajan [English],  
 R. A. Richardson [History], J. A. B. Somerset [English], N. J. Vidmar [Psychology],  
 C. F. J. Whebell [Geography], and Y. F. Zoltvany [History]; Professor D. de  
 Kergommeaux [Fine Art] was awarded first prize in the Benson and Hedges  
 Art Wall competition; Professor E. S. Elder [Law] was admitted as a Solicitor  
 and called to the Bar of Ontario; Professor C. Haehling von Lanzenauer  
 [Business Administration] received the Karl Guth Award for his outstanding  
 work "operations research und betriebliche Entscheidungsprobleme" awarded  
 by the German Management Development Institute; Professor A. Martí  
 [Spanish and Italian] was awarded the Premio Menéndez Pelayo by the Spanish  
 Government for his outstanding book on Spanish Rhetoric, judged to be the best  
 work published in Spain in 1972 in the field of literary criticism; Mr. J. P.  
 Metras [Physical Education] was awarded a silver tray by the Canadian Inter-  
 collegiate Athletic Union "in recognition of thirty-five years of dedicated service  
 to Canadian Sport" and the Ontario Universities' Athletic Association honored  
 Mr. Metras by establishing a trophy in his name to be awarded to the league's  
 top lineman; Professor A. Ryan [Business Administration] received the  
 American Marketing Association Doctoral Dissertation Award for 1973;  
 Mr. J. Allyn Taylor [Board of Governors] received the Taylor Key Award  
 for 1973 from the International Society for Advancement of Management  
 "for outstanding contributions to the advancement of the art and science of management";

Dr. M. G. Thompson [Psychiatry] received the J. Franklin Robinson Memorial Award granted by the American Academy of Child Psychiatry; Professor S. J. Usprich was called to the Bar of Ontario; Professor J. L. Wild, retiring Chairman of Journalism received a Special Award from the Professional Photographers of Canada "for years of service and devotion to the Professional Photographers of Canada".

Awards of extraordinary note won by students of the University during the academic year include the Queen Elizabeth II Ontario Scholarship by Miss Mary Neil [English]; first prize in the Royal Canadian College of Organists International Organ Competition by Mr. Terence Ford [Music]; and second prize in the same competition by Mr. Paul Merritt [Music]; Ontario-Quebec Exchange Fellowships were awarded Mr. Dang Te Nguyen, Mr. Henri-Paul Rousseau and Mr. David Saunders [French].

I commend your attention to Part II of the President's Report, 1973, for the many additional faculty and student honors and academic awards achieved during this academic year.

One indication of a University's vitality and stature is reflected in its active participation in and executive leadership of learned societies and community endeavors. Many members of the faculty, staff, administration and student body have received noteworthy recognition on an international, national, or local level during the past academic year; Vice-President A. K. Adlington was elected Secretary-Treasurer of the Committee of Finance Officers of Ontario, and served as Chairman of the Professional Development Committee

of the Canadian Association of University Business Officers and as a member of the Joint Committee on Capital Studies co-sponsored by the Committee on University Affairs and the Council of Ontario Universities;

Professor D. T. Armstrong, [Obstetrics and Gynaecology] was appointed to the Medical Research Council by the Minister of Health and Welfare;

Professor F. H. Armstrong [History] was elected to the Executive Committee of the Ontario Historical Society and was appointed to the Advisory Committee on Historic Sites by the City of London; Professor B. J. Arnold [Law] was elected Chairman, Tax Subsection, Association of Canadian Law Teachers;

Professor J. Asensio [Spanish and Italian] was appointed editor of "Reflexión II, a new periodical on Spanish Studies published in Canada ;

Dr. J. F. Ballantyne [Medicine] was elected to the Council of the College of Physicians and Surgeons of Ontario; Professor L. V. Balogh [Law] served as Chairman of the Consumers' Debt Counselling Services of London;

Dr. H. J. M. Barnett [Division of Neurology, Medicine] was appointed coordinator of a national study into the use of drugs in averting strokes;

Professor D. Borwein was elected Vice-President of the Canadian Mathematical Congress; Professor J. A. Boyd [Althouse College] was elected President of the Ontario Modern Language Teachers' Association; Professor K. Bray [Music] was elected President of the Canadian Music Educators' Association;

Dean W. J. Cameron [Library and Information Science] was elected President of the Canadian Association of Library Schools and President of the Ontario Council of Library Schools; Professor R. M. Carlson [Psychology] was elected

a director of the Canadian Mental Health Association; Professor P. B. Cavers [ Plant Sciences ] was elected President of the Canadian Botanical Association; Professor H. C. Clark [ Chemistry ] was elected Chairman of the Canadian Universities' Chemistry Chairmen; Professor R. M. Dillon [ Engineering Science, on leave of absence ] was appointed Deputy Minister, Ontario Department of Energy, having completed his appointment as Director of Task Force Hydro; Professor H. Dilmore [ Music ] was appointed Conductor of the Owen Sound Symphony Orchestra; Professor J. J. Di Stefano [ Business Administration ] was re-elected to a six-year term on the Board of Trustees, Rensselaer Polytechnic Institute; Professor F. T. Dolan [ Library and Information Science ] was elected Secretary, Canadian Council of Library Schools; Professor P. Downs [ Music ] served as Chairman of the program committee of the London Symphony Orchestra and secretary-treasurer of the London Music Scholarship Foundation; Dean W. J. Dunn [ Dentistry ] was appointed to the Ontario Dental Technologists' Advisory Committee and was elected Chairman, Ontario Council of University Health Sciences, member of the Executive Council of the House of Delegates of the Association of Canadian Faculties of Dentistry, and was appointed to the Ontario Denture Therapist Licensing Board; Professor G. E. Ebanks, P. M. George and C. E. Noble [ Sociology ] were appointed by the International Development Research Centre to study family planning in Barbados; Professor P. S. Elder [ Law ] served on

the Conservation Council of Ontario; and participated in the Workshop on Canadian Law and the Environment sponsored by the Canada Council; Professor R. B. Eynon [ Physical Education ] was appointed to the Board of Directors, Canadian Swimming Coaches' Association and Associate Chairman of the International Aquatic Conference, Quebec City, 1972; Professor D. Fahseit [ Plant Sciences ] was elected Secretary, Canadian Botanical Association; Professor P. D. Fleck was appointed to the Advisory Committee on Historic Sites for the City of London; Professor J. Ford [ Music ] served as Director, Ontario Youth Music Camp, and was elected Vice-President of the Canadian Band Directors' Association; Professor J. E. K. Foreman [ Engineering Science ] was re-elected Chairman, Canadian Association on Acoustics; Professor P. A. Forsyth [ Physics ] was elected Chairman, Division of Aeronomy and Space Physics of the Canadian Association of Physicists; Professor D. E. Gerber [ Classical Studies ] was appointed first Canadian editor of " Transactions of the American Philological Association "; Professor Wendy Gerhard [ Nursing ] was elected President, Registered Nurses' Association of Ontario, and President of the Registered Nurses' Association Foundation; Assistant Dean Amy Griffin [ Nursing ] was appointed special consultant to the World Health Organization, and was elected Chairman of the Studies Committee of the Canadian Association of University Schools of Nursing; Professor A. C. Groom [ Medicine ] continued as Associate editor, " Canadian Journal of Physiology and Pharmacology " ;



Professor D. L. Guemple [ Anthropology ] was elected to the Executive Board of the Central States Anthropological Association, and was appointed editor of the Canadian Ethnological Society " Newsletter " ; Professor J. T. Hamilton [ Pharmacology ] was elected Secretary, Pharmacological Society of Canada; Professor K. Hardy [ Business Administration ] was elected Chairman, Marketing Division, of the Canadian Association of Administrative Sciences; Professor D. R. Hay [ Physics ] was appointed Canadian Representative to the NATO Advisory Panel on Radio Meteorology, Sorrento, Italy; Dr. A. J. Hudson [ Neurological Sciences ] was elected Vice-President, Canadian Neurological Society; Professor R. M. Immerwahr [ German ] was elected Chairman, Ontario Conference of Chairmen of Departments of German; Mrs. E. S. Isaacs [ Office of the Registrar ] was elected Chairman, Committee of Systems' Analysts, Ontario Universities Registrars' Association; Professor D. N. Jackson [ Psychology ] was appointed to the Board of Editors, " Journal of Research in Personality " ; Professor D. Johnson [ Music ] was elected to the Board of Directors, Ontario Choral Federation; Dean A. I. Johnson [ Engineering Science ] was appointed Director, Centre for Advanced Technology, a project funded by the Department of Industry, Trade and Commerce; Dr. L. N. Johnson [ Dentistry ] was appointed Editor of the Dental Materials Group, International Association for Dental Research; Professors J. W. Judson and P. S. Elder were appointed Faculty Advisors to the Law Students' Community Services of London; Professor Judson also served as a member of the Board of Directors, of the Police

Community Relations Institute, London Home Services, and Clinic Collective of London; Professors K. W. Kenney and G. B. Lawson [Althouse College] were elected Councillors, Ontario Association for Mathematics Education; Professor D. G. G. Kerr [History] was appointed Chairman of the Steering Committee on a data bank clearing house for the Social Sciences in Canada sponsored by the Association of Universities and Colleges of Canada and the Social Science Research Council of Canada; Mr. D. Klinger [Dean of Men] was appointed to the Training and Development Board, College Placement Council; Professor H. Krever [Law] was appointed Chairman of the Committee on Human Resources of the Ontario Council of Health and served as a member of its Executive Committee. Professor Krever was also appointed Head of Inquiry into the operations of the Alcoholic and Drug Addiction Research Foundation of Ontario, and served as a Bencher on the Law Society of Upper Canada; Mr. D. W. Latta [Business Administration] was appointed to the London Industrial Commission by the City of London; Professor L. Leach [Philosophy] was appointed General Editor of a new monograph series, "Western Ontario Studies in the Philosophy of Science"; Dr. R. E. Lee [University Libraries] was appointed by the National Librarian to the Task Force to study the development of the Canadian Union Catalogue; Professor G. Leyshon [Physical Education] was appointed Coach of the Canadian Team, World Amateur Wrestling Championships, Tehran, Iran; Professor R. P. Lowe [Physics] was elected Secretary-Treasurer of the

of the Division of Aeronomy and Space Physics, Canadian Association of Physicists; Mr. A. E. D. MacKenzie [ Student Services ] was elected Chairman, London Board of Education; Dean R. S. Mackay [ Law ] was appointed Chief Arbitrator in the Ontario Hydro Canadian Union of Public Employees dispute; Professor I. B. MacNeill [ Applied Mathematics ] was elected representative to the Joint Committee for Policy in the Mathematical Sciences in Canada by the Statistical Sciences' Association; Miss Jessie Mantle [ Nursing ] was appointed Secretary, Provincial Review Board of the Ontario Council of Health; Dr. B. P. Martinello [ Dentistry ] was appointed Consultant and part-time Director, Public Health Dentistry, Kent-Chatham Health Unit; Professor D. A. McKellar [ Music ] was re-appointed Conductor of the Sarnia-Port Huron Symphony, and was elected Vice-President, Association of the University Schools of Music; Professor E. L. Medzon [ Medicine ] was appointed editor-in-chief of a " Dictionary of Microbiology " to be published by the American Society for Microbiology; Professor G. J. Mogenson [ Physiology and Psychology ] continued as Editor, " Canadian Journal of Psychology " ; Mr. L. T. Moore [ University Relations and Information ] was elected Ontario Director, Association of Canadian Information Bureaux; Professor B. W. Munn [ Spanish and Italian ] was appointed Latin American Regional Field Director by the Canadian University Service Overseas, on secondment for 1972-73; Professor R. G. E. Murray [ Bacteriology and Immunology ] served as President, American Society for

Microbiology; Professor S. J. R. Noel [ Political Science] was elected to the Executive Committee, Canadian Political Science Association; Professor L. Orlici [ Plant Sciences] was appointed to the editorial board of the Journal " Vegetatio "; Professor A. I. Olson [Engineering Science] directed an Opportunities for Youth Project to provide mobility for the physically handicapped - a new concept for an inexpensive wheelchair; Professor R. W. Packer [ Geography] was elected President, Canadian Association of Geographers; Professor A. U. Paivio [Psychology] was elected a director, Canadian Psychological Association; Professor K. A. Pappmehl [ Russian Studies] was elected Chairman, Nominating Committee, Canadian Association of Slavists; Professor P. Park [ Althouse College] was appointed to the Board of Trustees, Canada Council; Dr. A. G. Parnell [Dentistry] was appointed Chairman, Hospital Services Committee of the Ontario Dental Association and served as Chairman, Dental Services Committee, Canadian Society of Oral Surgeons; Dr. K. P. Peterson [ Dentistry] was elected to the Board of Directors, Canadian Society of Forensic Science; Dr. F. Possmeyer was appointed 1972 scholar by the Medical Research Council; Professor D. W. Ray [Althouse College] was elected President, Comparative and International Society of Canada; Professor W. B. Rayner [ Law] served as Legal Adviser to the Talbot Street School Association of London, and was arbitrator under Labour -Management Arbitration Commission of Ontario, the Police Act, and the Hospital Disputes Arbitration Act; Professor J. R. Richardson

[Physical Education] was elected to the International Water Polo Board; Professor Margot Roach [ Biophysics] was appointed chief Canadian delegate, Fifth General Assembly of the International Union of Pure and Applied Biophysics; Dr. J. Robinson [ Bacteriology and Immunology] was elected Secretary, Canadian Association of Microbiologists; Vice-President R. J. Rossiter was re-appointed to the Ontario Committee on University Affairs and served as a member of the Ontario Council of Health; Dr. A. Ruprecht [ Dentistry] was elected Founding Secretary, Canadian Academy of Oral Radiology and Secretary- Treasurer of the Ontario Society of Oral Radiology; Professors J. E. Ryan and W. R. Teteruck [Dentistry] were appointed Examiners, National Dental Examining Board of Canada; Mrs. Doreen Sanders [ Editor, Business Quarterly] was appointed to the Humber College Journalism Advisory Committee and was re-elected President of the Business Press Editors' Association; Professor J. W. Samuels [Law] was appointed member of a Canadian Red Cross team to observe on the conditions under which captured military personnel and foreign civilians were being held in Vietnam; Professor M. H. Sherebrin [Biophysics] was appointed to the Canadian delegation to the International Biophysics Congress in Moscow; Professor R. N. Shervill [ Spanish and Italian] was appointed to the Huronia Historical Development Council by the Ontario Government; Dr. D. G. Simpson [International Education] was appointed to the International Development Research Centre as senior program officer for the Social Sciences

and Human Resources Division; Professor S. P. Sinha [ Law] was appointed permanent member, Section of International Legal Education, World Peace through Law Centre; Professor F. Smieja [ Spanish and Italian] was elected President, Ontario Chapter, American Association of Teachers of Spanish and Portuguese; Professor Carmen Sprovieri [Library and Information Science] was re-elected Secretary-Treasurer, Canadian Association of Library Schools; Professor B. P. Squires, [Physiology] was elected President, Canadian Association for the Study of Instructional Media in Medical Education; Professor J. Stokes [Music] was elected Vice-President, London Symphony Orchestra; Dr. W. S. Turner [Office of the President] was appointed Chairman of the Task Force on the Transition of Nursing Education in Ontario, served as Chairman of the Governing Committee of Victoria Hospital and was re-appointed to the Board of Governors of the Ontario Institute for Studies in Education; Professor S. J. Usprich [ Law] served as part-time Crown Attorney, County of Middlesex, and acted as advisor to the Board of Directors, Inner City Youth Incorporated of London; Dean C. von Kuster [ Music] was re-elected Chairman of the Ontario Universities Music Administrators; Professor D. B. Walden [Plant Sciences] was elected Vice-President, Biological Council of Canada; Professor W. H. Wehlau [ Astronomy] was named Canadian member to the Scientific Advisory Council for a new telescope in Hawaii sponsored by Canada and France;

Dean J. J. Wettlaufer was elected to the Board of Directors of the London Chamber of Commerce and S. C. Johnson and Son, Limited; Professor C. F. J. Whebell [Geography] was elected to the Social Science Research Council by the Canadian Association of Geographers; Professor Janet White [Library and Information Science] was elected President, Canadian Association of Library Schools; Dr. D. M. Wickware [Psychiatry] was appointed Coordinator of Forensic Sciences for Southwestern Ontario by the Ontario Ministry of Health; Professor Frances Wigston [Althouse College] was appointed coach of the 1973 Canadian Women's Volleyball Team competing at the International Federation of Student Union Games in Moscow; President D. C. Williams was re-elected Chairman, Ontario Council of Universities for 1972-73; Professor M. J. Wright [Psychology] was appointed Chairman, Ontario Board of Examiners in Psychology; Dean E. F. Zeigler [Physical Education] was elected to the Executive Council, International Philosophic Society for the Study of Sport, served as Vice-Chairman, Philosophy Committee, Canadian Association for Health, Physical Education and Recreation and was appointed North American representative to the International Association for the History of Physical Education and Sport.

Many other members of the University community have distinguished themselves in community and academic enterprises here and abroad. I would direct your attention to the individual reports of Deans and Directors for a more comprehensive record of their service and achievements.

During the academic year, the University proudly conferred honorary degrees on the following distinguished men and women:

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Fall Convocation, 1972

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Margaret Mary Ferguson	Doctor of Laws
Paul- Emile Filion	Doctor of Laws
Paul Henry Lang	Doctor of Music
James John Talman	Doctor of Laws
Jonathon Stewart Vickers	Doctor of Music

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Special Convocation - University Hospital

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Herbert Marshall McLuhan	Doctor of Laws
Wilder Graves Penfield	Doctor of Science

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Special Convocation - Social Science Centre

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Pierre Dansereau	Doctor of Laws
Harry Gordon Johnson	Doctor of Laws
Nathan Keyfitz	Doctor of Laws
Crawford Brough Macpherson	Doctor of Laws

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Spring Convocation, 1973

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Samuel Freedman	Doctor of Civil Law
Donald Werden Gullet	Doctor of Laws
John Wendell Holmes	Doctor of Laws
Mary Alice McLeod Jury	Doctor of Laws
Sylvia Ostry	Doctor of Laws
Francis Ethelbert Louis Priestley	Doctor of Letters
Albert Edwin Shepherd	Doctor of Laws
Walter Albert Thompson	Doctor of Laws
Maurice Lewis Van Vliet	Doctor of Laws

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During this academic year the newly reorganized Department of University Relations and Information was attached to the Office of the President. Under the direction of Mr. L. T. Moore, this department focussed its attention on the provision of a broad spectrum of University information to both on- and off-campus constituents. To this end, the tabloid weekly, "Western News", was initiated under the editorship of Mr. Alan Johnston. Comprehensive coverage of University events including the business of the Board of Governors, the Senate and the University Students' Council, have created a better informed and greatly increased readership throughout the University and beyond.

The Department of Alumni Affairs also became a responsibility of the Office of the President under its first full-time Director in many years, Mr. Nigel Bellchamber.

During the year, the department was reorganized with a view to providing Western's forty thousand alumni with a broadened perspective of their University.

I note with satisfaction, the initiation this year of the Alumni Association's "Festival of Arts", a cultural companion to the Great Artists Concert Series which has served the alumni community so well over these many years.

I wish to express my appreciation to the retiring President of the Alumni Association, Dr. R. T. Collyer, who has made an outstanding effort to revitalize the Association and its branch organization. The University

shares the concern of the Association to serve our alumni and to afford them the opportunity to support their alma mater in the knowledge of its problems and potentialities.

As another academic year comes to a close, it is with a sense of pride and gratitude that I acknowledge the full measure of support and encouragement which I have received from my colleagues in the Office of the President, from the Board of Governors, the Senate, members of the faculty and staff and from the many thousands of serious students who studied on this campus. Each group in its own way, has enriched the University with diversity of opinion, coupled with a concern for the continuing progress and welfare of Western.

REPORT OF THE  
VICE-PRESIDENT (ACADEMIC) AND PROVOST

Professor R. J. Rossiter

The academic life of the University has continued to flourish throughout 1972-73 despite certain set-backs and distractions. The President and Vice-Chancellor has already referred to the year as one of "budget, freeze, cut and squeeze". It might have been anticipated that severe reductions in operating budgets together with the moratorium on capital expenditures, which affects most seriously the Health Sciences, Chemistry and Biology, would have had an adverse effect on the morale of faculty members. It is my happy duty to report that to the great credit of all concerned no decrease in morale has been evident.

The program of periodic departmental review, established several years ago, has continued. Usually at the time of change of chairmanship, but not necessarily so, each department in turn is assessed by several distinguished consultants from outside the University. The consultants are provided with detailed written information concerning members of faculty, the achievements, aims and goals of the department, and an outline of the on-going undergraduate, graduate and research programs. The appraisers visit the campus to consult with graduate and undergraduate students, post-doctoral fellows, the Chairman of the Department and members of faculty, the Chief Librarian, the Dean of the Faculty, the Dean of the Faculty of Graduate Studies, and the Vice-President (Academic). Such an undertaking is of great

value to the Department itself as well as to academic administrators. An additional advantage, unforeseen at the time the scheme was instituted, has been the establishment of a warm academic fellowship between Western and a wide number of sister universities with outstanding scholars in the discipline under review.

At the present time reviews of the following departments have been undertaken: Bacteriology, Biochemistry, Computer Science, Economics, Fine Art, French, Geography, Geology, German, History, Journalism, Philosophy, Physics, Plant Sciences, Political Science, Russian Studies, Secretarial Science, Sociology and Zoology. Departmental reviews of Applied Mathematics, Classical Studies and English are currently in the planning stages.

As already mentioned by the President, the Council of Ontario Universities has established an Advisory Committee on Academic Planning which has embarked upon a series of "Discipline Assessments" with a view to achieving a more rational approach to academic planning within the Ontario Universities System, particularly at the graduate level. At the present time Western has participated in such Province-wide discipline assessments in Chemistry, Economics, Education, Geography, Library Science, Sociology and the Solid Earth Sciences. Currently in progress are discipline assessments of Business Administration, Engineering Science (Ph. D. only), History, Physical Education, Physics (Ph. D. only), Planning and Environmental Studies, and Political Science.

Needless to say, much time and energy of members of faculty have been devoted to these appraisals and assessments. In addition, faculty members have contributed generously of both time and energy to committee activities, a direct result of Western's mode of participative governance created by the highly innovative University of Western Ontario Act of 1967. In such an environment of activity and turmoil questions are bound to arise. Is such a climate favourable to the fostering of academic excellence and the scholarly intellectual atmosphere so vital for the successful functioning of a great University? Answers to these and related questions are sought by the Senate Committee on University Planning. This newly created Committee has established a sub-committee on Priorities in Academic Development, which at the present time is examining the strengths, weaknesses, present goals and priorities of the University, as well as the ultimate goals and priorities for the latter part of the twentieth century, particularly in an Ontario context. In its approach to the study of present strengths and weaknesses, the sub-committee has decided upon what the President has referred to as a "warts and all" approach, which may prove painful to some. To be of substantive value to the academic unit concerned, and for the purpose of long-term planning, any such analysis must be transparently frank.

Each Dean and the Head of each academic support unit reports annually to the President. There follow some of the highlights of these reports.

### Graduate Studies

Early in the year the Office of the Faculty of Graduate Studies moved from temporary quarters into the renovated Stevenson-Lawson Building. In 1972-73 two trends in enrolment patterns became evident: a levelling off in the new graduate admissions, and a pronounced shift from full-time to part-time study. The decrease in enrolment from projected figures is probably the cumulative result of a number of factors. Among these can be mentioned the abrupt increase in tuition fees imposed by the Ministry of Colleges and Universities, a further decrease in the allocated number of Province of Ontario Graduate Fellowships, a decrease in the number of fellowships made available by National organizations such as The Canada Council, National Research Council, and Medical Research Council, and a wide-spread belief among students, only true for a limited number of disciplines, that employment prospects are less favourable for graduates with advanced degrees.

Reference has already been made to the discipline assessments

sponsored by the Advisory Committee on Academic Planning. In addition, the following new graduate programs have been appraised successfully by the Appraisals Committee of the Ontario Council on Graduate Studies and so have satisfied the academic requirements of that body: Ph. D. in Library and Information Science, M. Cl. Dent. in Orthodontics, M. A. T. in English, History, Mathematics, and Physical Education. Further M. A. T. programs in Chemistry and French, M. Ed. programs in Guidance Counselling and Educational Studies and a Ph. D. in Sociology are currently under study.

During the periodic review of the Department of Journalism the external consultants recommended major changes for that department. The new proposals, approved in principle by the Faculty of Social Science, the Faculty of Graduate Studies and Senate, call for a phasing out of the undergraduate program in Journalism and the establishment of a School of Journalism within the Faculty of Graduate Studies offering a professional Master's program. A Dean-elect, who will assume full-time duties in January 1974, has been appointed.

### Research

Research flourishes at Western. External funds contributed to the University for research projects approach ten million dollars annually. Several years ago Senate established a University Research Council and

recommended to the Board of Governors the appointment of a University Research Officer. To date much of the work of the University Research Council and the Research Officer has been to do with research administration, and in the framing of policies for matters such as human experimentation, patents, royalties, copyrights, etc.

### Continuing Education

The Report of the Commission on Post-Secondary Education for Ontario strongly recommended the establishment of programs in Continuing Education within the Universities of the Province. For a number of years Western has sponsored strong Continuing Education programs in Business Administration, Education, and in the Health Sciences, particularly in Medicine and Dentistry. The possibility of establishing similar programs in other faculties has been seriously studied, but the failure of the present Provincial formula for operating grants to provide adequate funding for such programs poses a problem. The matter is still under review.

### Class Size

A continuing cause for concern has been the size of classes, in particular the size of sections in large freshmen courses. Valiant attempts



have been made by the Faculty of Arts, and more recently by the Faculty of Social Science, to eliminate unduly large sections. In these times of budgetary restrictions this can be done only by controlling the number of very small classes for which there is limited student demand. Some such courses have been eliminated completely and others are now offered every second or even every third year.

## Innovative Programs

From time to time the University is criticized for being "monolithic" and "insusceptible to change". Perhaps a listing of some of the more recent innovations at Western will help to dispell a part of this concern. For instance, the Department of English has introduced a new course in Film and this year saw the commencement of a highly successful Drama Workshop. The same Department also sponsors a Writer-in-Residence (Miss Margaret Avison) to complement the long standing Artist-in-Residence program (currently Mr. Claude Breeze). In addition, the Department of English has pioneered "team teaching" in all three freshmen courses and this year is planning to introduce new courses in Contemporary Drama, Children's Literature and Fantasy Literature. Other innovations include a new basic course in Ukrainian offered by the Department of Russian Studies, courses in translation offered by the Departments of Classical Studies, German, and Spanish and Italian, and the popular new honors program in Anthropology.

The Department of French arranges for selected third year honors students to undertake a year of study at the University of Besançon in France, a program that is to be extended to Laval University in the Province of Québec. The Department of German is making a similar arrangement with the University of Düsseldorf in Germany, and it is likely that similar programs will be introduced by other language departments.

Many academic programs have been completely restructured. For example, the Departments of Zoology and Plant Sciences, in collaboration with departments in the Basic Health Sciences, have introduced a "3 + 1" program in Biology leading either to a general Bachelor's degree or to an honors degree in one of a wide selection of specialties. A "3 + 1" program in Geophysics is already in operation and similar programs are planned for Chemistry and Geology. The Faculties of Education and Engineering Science are also planning for a complete curriculum revision.

New interdisciplinary programs include the establishment of an "Interdisciplinary Group in Chemical Physics" funded by a Negotiated Development Grant from the National Research Council and involving five departments, and a "Centre for Advanced Technology" in the Faculty of Engineering Science funded by the Department of Industry, Trade and Commerce for the establishment of programs in Systems Analysis, Control and Design activity. These Centres add to the highly successful interdisciplinary M.Eng. program in Environmental Engineering, the Photochemistry Unit and the Centre for Radio Science.

Western is very aware of the community beyond its gates.

An examination of the program published by the Council for University Theatres and Art will show that almost daily there are a wide variety of exhibitions, concerts, recitals, films, lectures, workshops and the like, all open to the general public. In planning these the Department of Fine Art and the Faculty of Music contribute generously. Members and senior students

of the Faculty of Music provide the nucleus of the London Symphony Orchestra, the London Chamber Orchestra and other musical groups in the community. The Faculty of Law participates in a number of community endeavours such as Local Aid programs, Juvenile and Family Court programs, and the so-called "Store Front" operations directed towards the poor and the neglected in the community. In addition, the Department of Summer School and Extension mentioned below sponsors many programs of part-time study for those outside the University.

With the support of the Canadian International Development Agency, and through its own Office of International Education, Western participates in a number of programs with colleagues in developing countries. These include programs in Economics in Ghana, Business Administration in the West Indies, and Education in Guyana. In addition, Althouse College of Education has introduced a new Diploma in Education (Developmental Studies) a program for educators from developing countries and Canadian native people.

### Special Events

During 1972-73 Western was host to the usual array of special events attended by distinguished scholars from many parts of the world. These include a colloquium on Homer sponsored by the Department of Classical Studies, a colloquium on Flaubert sponsored by the Department of French, a symposium on "Romanticism Today" sponsored by the Department of German, a colloquium on "Forms of Representation" and a workshop on

"Foundations of Probability and Statistics and Statistical Theories of Science" sponsored by the Department of Philosophy, the Twenty-ninth Ontario Mathematics meeting sponsored by the Department of Mathematics, a meeting of the Ontario Council on Southeast Asian Studies sponsored by the Department of Anthropology, a symposium on "Regional Economic Development" sponsored by the Department of Geography, a local government colloquium on "Education for Municipal Administrators" sponsored by the Department of Political Science, the J. A. F. Stevenson Memorial Symposium on "Regulation of Food and Water intake" sponsored by the Departments of Physiology and Psychology, the New Music Colloquium 1973 sponsored by the Faculty of Music, and a conference on "The Social Sciences in Canada: Past, Present and Future" sponsored by the Faculty of Social Science.

## Faculty of Physical Education

A new Faculty of Physical Education was formed in May 1972 as a direct result of a Report to Senate of the Special Committee on Physical and Health Education and Athletics (Dunn Report). The new Faculty incorporates the former Department of Physical and Health Education, which was in the Faculty of Social Science, and the former Department of Athletics. It contains four programs: Undergraduate Program, Graduate Studies and Research Program, Intercollegiate Athletics Program, and Physical Recreation and Intramurals Program. These four programs are closely inter-related and most faculty members participate in more than one. Facilities and support personnel are in many instances shared. At the present time the physical facilities of the Faculty are widely dispersed throughout the campus and somewhat limited in scope, a situation that will be considerably relieved by the completion of the proposed new Recreation and Athletics Building.

The Faculty, which has now been in operation for a year, has made a promising start. At this time it is too early to assess the value of combining four separate, but closely related, units under the administrative head of a single Dean.

## Integration of London Teachers' College

In May the Honourable Thomas Wells, Minister of Education, announced in the Provincial Legislature the details of a Master Plan for Teacher Education in Ontario. He indicated that the government was prepared to negotiate with the University concerning the integration of London Teachers' College. Such an undertaking, together with proposals to merge London Teachers' College with Althouse College of Education to form a Faculty of Education, had been planned, and the concept approved in principle both by Senate and the Board of Governors two years previously, at which time negotiations were suspended by the Government.

As a result of the new government decision dormant committees were reactivated. Officials of the Government and the University met on a number of occasions to negotiate an agreement which has now been signed and will become operative September 1, 1973. The 1973-74 academic year will be one of transition. By May 1, 1974, it is anticipated that the new Faculty of Education will have been established. The Faculty will provide an integrated Teacher Education program for both elementary and secondary school teachers. Although Western has always enjoyed good relations with our neighbour, the London Teachers' College, Western now formally welcomes the College to the University community.

### New Faculty of Music Building

The new building for the Faculty of Music, with its own recital hall, practice rooms and library, was formally opened on October 27th, 1972, coinciding with the Fall Convocation. On this happy occasion honorary degrees were conferred upon Mrs. Margaret Ferguson, Professor Paul Henry Lang, formerly of Columbia University, and Mr. Jon Vickers. Guest speaker was former Chancellor, Dr. A. W. Trueman.

The opening was further celebrated by a program of special events scheduled throughout the year. These included a Suzuki Children's Concert in October, the operas "Dido and Aeneas" by Purcell and "The Soldier's Tale" by Stravinsky presented in November and the New Music Colloquium which took place in March.

### New Social Science Centre

In March 1973 the new Social Science Centre was formally opened by the Honourable John H. White, Provincial Treasurer and Minister of Economics and Inter-Governmental Affairs. The opening was the occasion of a special Convocation at which honorary degrees were conferred upon Professors P. Dansereau, H. G. Johnson, N. Keyfitz and C. B. Macpherson. Following the opening the honorary graduands and many other distinguished social scientists from Canada and elsewhere participated in a most successful Conference on the theme "The Social Sciences in Canada:



Past, Present and Future".

The Social Science Centre provides excellent accommodation and facilities for all of the Social Science departments with the exception of Journalism and Secretarial Science, which have been relocated in Middlesex College. Noteworthy in the new building is the Computing Laboratory which provides not only direct links with the PDP-10 and Cyber/73 in the Computing Centre, but also contains its own PDP-11/45 in addition to other computational equipment. The building also houses the University Laboratory (Pre-School) of the Department of Psychology, which is a specially designed suite for the observation and study of young children. It is hoped that the new Centre will provide a focus for the encouragement of informal faculty-faculty, student-student, and faculty-student interaction.

#### University Computing Centre

During the year the interim CDC-6400 batch processor was replaced by a CDC Cyber/73. This, coupled with the existing PDP-10 used chiefly for time sharing, has given the University a strong central computing centre to complement the smaller faculty facilities in Business Administration, Education, Engineering Science and Social Science.

Computer use continues to escalate. Last year batch jobs increased by 25% and time sharing by 37%. The Computing Centre in

collaboration with the Department of Computer Science is participating in a number of community computer projects in association with the London Public Library, Fanshawe College and Information London.

### University Library System

The collections in the Library have continued to increase at a satisfactory rate. At the present time the collection totals 2,233,849 items catalogued and available for use. This total is comprised of 1,034,425 monographs and bound periodicals, 8,673 current periodical titles, 217,325 documents, 2,812 theses and a further 970,614 miscellaneous items including microfilms, tapes, recordings, and other special material.

Improvements in processing and administrative services has resulted in a much greater quality of service to users. This has in part been responsible for the increase in use of the libraries by readers. Circulation of materials has increased by 12%. A conservative estimate of the number of visits to the Libraries in 1972-73 is 2,500,000.

The University Library has collaborated with the University of Guelph on a joint experiment in the use of MARC II (machine-readable cataloguing) tapes. The University also is collaborating with the Ontario Universities Libraries Co-operative System in the development of a monograph administration project, the development of a union file of government publications and in the development of a similar union file for periodicals and maps.

Registrar

In March of last year a plan for early course selection by upper classmen was introduced. Despite many difficulties which became apparent at the time of registration in September, this plan was judged sufficiently successful to be repeated in 1973. Based on the experience of the past year it is now confidently anticipated that in September 1973 the new procedure will greatly reduce the many problems associated with registration.

In 1972-73 the Ontario Universities Application Centre at Guelph operated for the first time. This Centre processed all applications from freshmen students for the Ontario Universities System. Such a central facility should greatly reduce processing costs and should provide reliable statistics for the Ontario System as a whole. In the past reliable application data for all Ontario Universities have been difficult to obtain because of replicate applications, many of them with different orders of preference given on each application.

In recent years there has been a growing suspicion that many of the programs offered by Western were not sufficiently well known in the Secondary Schools. In an attempt to improve upon this situation the Secondary School Liaison Office was considerably expanded. In addition, Senate and the Board of Governors, on the advice of the Senate Scholarship Committee, introduced a greatly improved program of admission scholarships. As a result of these changes it is hoped that Western will receive an incoming class of freshmen of high academic attainment in the fall of 1973.

## Summer School and Extension

An important function of the University in the community is the offering of part-time academic instruction, both on the Western campus and at a number of centres in Southwestern Ontario including Brantford, Chatham, Clinton, Owen Sound, St. Thomas, Tillsonburg, and Woodstock.

Classes are held in the evening during the regular winter session and also during the summer months. An intensive day summer school is held in July and August. A successful innovation in the summer of 1973 was the introduction of an "inter-session" on the main campus during the months of May and June. For the 1973-74 academic year the evening classes for part-time students will be integrated fully with the program for full-time students.

During the summer of 1972 the French language summer school at Trois-Pistoles, Quebec, celebrated its Fortieth Anniversary. This highly successful program continued to expand in 1973.

A final word concerning the so-called non-credit courses. There has been an increasing interest in classes taken for cultural enrichment, for up-dating qualifications, or simply for sheer enjoyment. These include a variety of workshops, seminars, conferences, and special courses.

REPORT OF  
THE VICE-PRESIDENT (ADMINISTRATION AND FINANCE)

MR. A. K. ADLINGTON

The 1972-73 year probably will be remembered as the watershed year when we passed into periods of uncertain enrolment and financial forecasting as compared with the past 10 years or more. The scrambling response to changing circumstances throughout the fiscal year, while successful in this instance, can only be detrimental to the morale and quality of the University if we cannot find better solutions for the future. As the better solutions are not entirely in our own hands, of course, we must make every contribution within our capabilities to assist in solving the "system" problem while finding the most stable predictive techniques for our own budgeting and financial control.

As the President has also mentioned, when it became evident that enrolment would be down from projections in the 1972-73 year, a "freeze" was put on the expenditure budgets on July 24, 1972. This was followed by the "cut", "squeeze", and "voluntary restraint" actions throughout the year, all of which were aimed at holding to the budgeted deficit of \$734,000. (Board of Governors Property and Finance Committee, December 6, 1972).

Although fees went up because of the \$100 across-the-board increase imposed by the Province, actual operating revenues declined by \$1,411,000 from original estimates. Despite this revenue decline the above-referred to actions not only held the deficit in control, but in fact turned it around and resulted in a modest surplus of \$176,000. Thus the real swing in the

actual expenditures from those originally budgeted is -

\$1,411,000 + \$734,000 + \$176,000 = \$2,321,000

which is just over 4.5% of the original expenditure estimates totalling \$50,592,000 excluding "assisted research" and the ancillary operations.

Revenue from Services to Outside Organizations - (the Meek Laboratory at Victoria Hospital) - decreased substantially due to the transfer of staff and facilities to the University Hospital. Thus, a significant source of revenue of many years standing virtually has disappeared. (It is expected to stop completely in 1973-74).

Income from the short-term investment of current funds (on terms of a few days to three months) exceeded the budgeted estimate by \$112,000, or approximately 20%.

All Faculties and Schools and all the academic support units operated within the approved expense allotments. Total academic expenses were increased by approximately two million dollars, about 6% above those of the previous year. (1)

Althouse College ended the year with an operating surplus of over \$84,000, an improvement of \$109,000 from the original estimate of a deficit of about \$25,000.

All the Administrative (non-academic) Units operated within the approved appropriations, and at a reduction of about 3% from the previous year.

Physical Plant also operated within the authorized budget, but, with the increase in square footage to maintain due to recently completed buildings, actual expenditures exceeded the prior year by approximately 7%. To stay within its budget Physical Plant implemented somewhat lower caretaking and

(1) 1971-72 was a unique ten-month fiscal year. Wherever 1972-73 figures are compared with or quoted as a percentage of those for the 1971-72 fiscal period, it is against an extrapolated figure to bring 1971-72 to an equivalent twelve-month operation.

maintenance standards and reduced staff because of the curtailment of the capital program. In all, staff was reduced by 55.

The Ancillary Operations show a mixed picture with the Apartments, the Book Store, and Parking operating at a break-even or better result, whereas the Health Services, Residences, and Food Services operated at a loss. The Residences incurred the most substantial loss, approximately \$227,000, mainly the result of the Food Service part of Residences operations.

(Occupancy of the Residences was for all practical purposes at a 100% level). The remainder of the Food Services incurred a loss of \$15,684, which, when added to the loss in the previous year, has resulted in an accumulated deficit of approximately \$46,000 to be recovered from future years' operations. A consultant was retained to assist in streamlining many aspects of the Food Services operation. Staffing reductions were put into effect, menu controls were tightened to improve quality, and the preparation of hot foods was transferred back to the Residence kitchens from the Commissary.

Not all the effort went toward meeting budget problems. Mr. T.L. Hoskin, formerly Dean of Men, was appointed Coordinator of Student Services which in this context includes student housing - on and off campus, student health services, financial aid, placement, counselling, and the Offices of the Dean of Women and Dean of Men. A considerably more comprehensive health service was made available to students and the beginnings of a staff health service introduced. Also, a formal athletics injury treatment program was started. A Director of Housing was appointed to manage all aspects of student housing - residences, married student apartments, off-campus housing - and to promote and manage the use of residences during the summer. The importance of financial aid services cannot be overstressed - 44% of the full-time students received financial assistance in one form or another through the Student

Financial Aid Office.

The Provincial moratorium on Capital Projects shifted the emphasis from new projects to existing buildings. The Senate Committee on University Development established a new subcommittee, Space Norms and Allocations (SUSNA), and with the able assistance of the Department of Space Analysis and Planning a new internal space-by-function formula was established to determine and maintain the distribution of space to the various components of the University according to their need. The emphasis in decisions taken by SUTSA (Subcommittee on Temporary Space and Alterations) also was considerably altered by the new capital financing circumstances. The work of SCUD in future will be more oriented to these two Committees rather than new building projects which were the main feature of the last several years.

In the Information Analysis and Systems areas several important developments were achieved. In addition to the more obvious work going on through the Registrar's Office as regards student records and scheduling systems, the Department of Information Analysis and Systems also assisted the Library in implementing their Government Documents Project and in expanding the base of their automated circulation control system. Basic work was completed on the implementation of modelling and simulation techniques which have considerable potential to assist Financial Planning and Budgeting efforts and the Senate Budget and Finance Committee. The working relationship of the Department of Financial Planning and Budgeting to this Committee and to the budgeting units and ancillary operations of the University continues to grow and develop to the mutual advantage of the units per se and the University as a whole. Similarly the Personnel function has become more visible as its services necessarily increase to meet demand. Important beginnings were made in formalization of a safety program administered in this unit as well as



continued progress in compensation and benefit administration.

All budget unit heads, academic and non-academic, are to be commended for their response during a rather disruptive year. Naming only some of the administrative units, as I have in the foregoing examples, I would in no way wish to deprecate the work of others for it is a fact that we are all attempting and achieving improved ways of meeting our responsibilities and complementing the work of the major standing committees of the Senate and the Board. Perhaps the greatest compliment that can be paid to administrative and support staff units is that their work can be taken for granted and their competency simply relied upon.

Dr. Josephine Fisher was appointed as success to Dr. A. H. ... in the position of ...

Dr. ... of the Faculty of ... was appointed as ...

Dr. ... was appointed as success to ...

A major event associated with the health ... was the completion of the ...

The 450-bed hospital is designed and equipped to provide secondary ...

## REPORT OF

## THE VICE-PRESIDENT (HEALTH SCIENCES) (ACTING)

Dr. D. Bocking

The Health Science Faculties wish to pay tribute to Dr. O.H. Warwick, who resigned as Vice-President (Health Sciences) effective December 31st, 1972. During his term as Dean of Medicine from 1961 to 1965, and Vice-President (Health Sciences) from 1965 to 1972, Dr. Warwick gave outstanding leadership in the development of the integrated Health Sciences Centre on the campus. Under his guidance, the Medical Sciences Building and Dental Sciences Building were constructed adjoining the Kresge Nursing Building and the Cancer Research Laboratory. The concept of the Health Sciences Centre came to fruition with the opening of the new University Hospital in September, 1972.

We are pleased to record that, after a well-deserved study leave, Dr. Warwick will return to a full-time position at the Ontario Cancer Foundation (London Clinic) at Victoria Hospital as Professor of Medicine and of Therapeutic Radiology.

Dr. Douglas Bocking, Dean of Medicine, was appointed Acting Vice-President (Health Sciences) effective January 1, 1973.

Dean R. Catherine Aikin of the Faculty of Nursing resigned her administrative post effective June 30, 1973. Under her leadership over the past ten years, the Faculty of Nursing has expanded its enrolment, introduced a four-year baccalaureate and a three-year post-RN program, as well as developing strong graduate programs. The progress made under Dean Aikin's guidance is well documented in the very interesting history of nursing at Western - "People and Ideas" - written by Hendrik Overduin to commemorate the first fifty years of the school.

Dr. M. Josephine Flaherty was appointed to succeed Dean Aikin and follows in the footsteps of her illustrious predecessors.

A major event associated with the Health Sciences was the completion of the new University Hospital under the leadership of Mr. Walter J. Blackburn, President of the London Health Association, Mr. J.H. Stevens, Chairman of the Building Committee, Dr. J.B. Neilson, the first Executive Director of the hospital, and Dr. Warwick. On the day preceding the opening, a medical symposium was held with the guest lecturers - Dr. George T. Harrell, Vice-President (Health Sciences) of the Hershey Medical Center, Hershey, Penn., Dr. H. Marshall McLuhan, the well known communications expert of the University of Toronto, Dr. Wilder G. Penfield, Emeritus Director of the Montreal Neurological Institute, McGill University, and Dr. Fred Plum, Professor of Neurology, Cornell University. A special Convocation preceded the official opening ceremonies on September 21, 1972.

The 450-bed hospital is designed and equipped to provide exemplary patient care and in addition provides space and facilities for the education of health

science students and for research and clinical investigation. Significant increases in enrolment in the Health Science programs have been made possible by the completion of the University Hospital.

In the fall, plans were completed for the east wing extension to the Health Sciences Centre and much needed additions to the Health Sciences Library and the Animal Quarters. The east wing addition was designed to provide new accommodation for the Faculty of Nursing and Health Sciences administration and additional space for the basic health science departments. In December, 1972, after calling for tenders, the provincial government placed a "freeze" on all capital expenditures for health science complexes.

In May, 1973, the Ministry of Colleges and Universities and the Ministry of Health announced a ten-year Ontario Health Resources Development Plan which would make available up to \$30 million a year for the provision of new and renovated facilities for the teaching hospitals and the educational institutions in the five Health Sciences Complexes of Ontario. This news was welcomed by St. Joseph's Hospital and Victoria Hospital and the War Memorial Children's Hospital who have had frustrating delays in the development of their plans for greatly needed renovations and new construction.

In April, 1973, the report of the "Role Study" conducted by Kates, Peat, Marwick and Company, and the Ontario Ministry of Health regarding the London hospitals was received. This report gave estimates on various alternatives which would provide new and renovated facilities for Victoria Hospital and the Children's Hospital, and Parkwood Hospital, if Westminster Hospital were to become available for civilian use.

The London Health Sciences Co-ordinating Committee under the chairmanship of President Williams is attempting to fit the capital funding requirements of the hospitals and educational institutions in the London Health Sciences complex into the "cash flow" plan announced by government to become effective April 1, 1974.

Because the space available in the existing Health Sciences Centre is considerably less than required to accommodate the student enrolment in the various programs, it has been necessary to seek emergency space elsewhere. Unallocated space in the Social Science Centre has been made available for the Program in Communicative Disorders and for the Department of the History of Medicine and Science. The area in the basement of the University Hospital originally designed to accommodate both the Program in Occupational Therapy and in Physical Therapy was found to be inadequate for these rapidly developing programs. The Program in Occupational Therapy is therefore being accommodated in renovated space located in the lower lower ground area of the Dental Sciences Building.

It is recognized that physical proximity of health science facilities for the various programs does not necessarily mean integration of programs and the health team concept. However definite progress is being made in achieving a health team orientation with sharing of the health sciences library and central services, the formation of a Health Sciences Student Council which

is co-ordinating social and other activities, the introduction of a limited number of core courses for two or more programs, and the formation of Health Sciences Committees in the areas of education, research, and safety.

The Faculties of Dentistry, Medicine, and Nursing have co-operated with a citizen's group in the Delaware, Mount Brydges, and Muncey area in planning a rural health centre. The provincial government has approved funding for the construction of the Southwest Middlesex Health Centre. This centre will provide health care in an area which does not have ready access to health care facilities and personnel. The Centre is designed also to serve as another location for the clinical training of students in family medicine and nursing.

In October, 1972, an accreditation survey of the Faculty of Dentistry was conducted by a team appointed by the Council on Education of the Canadian Dental Association. As a result of the survey, the Faculty has received the accreditation status of "Approval" for a five-year period. The survey report was most complimentary of the program which has been developed by this new faculty under the leadership of Dean W.J. Dunn.

The Faculty of Dentistry has received approval from the various groups concerned with the establishment of a graduate program and is commencing a Master of Clinical Science in Orthodontics program in July, 1973. The Richard and Jean Ivey Fund provided financial support to make possible the mounting of this program.

Although an area in the Dental Sciences Building was originally designed to accommodate a baccalaureate Program for Dental Hygiene, it has now been decided by the Ministries of Colleges and Universities and of Health that dental hygiene programs will be under the auspices of Colleges of Applied Arts and Technology. The Faculty of Dentistry is prepared to co-operate with Fanshawe College in the development of an integrated program especially with regard to the clinical content and training.

The Faculty of Medicine and the Faculty of Nursing are cooperating in the development of courses to expand the role of the nurse in the health care team. In co-operation with St. Joseph's Hospital and in response to a request from the Medical Services Division of the National Department of Indian and Northern Affairs, a course has been developed for "outpost nurses". The Department of Family Medicine has been exploring with Fanshawe College the possibility of a course designed to train nurses to play a larger role in primary health care. A co-ordinating Committee representing the Faculties of Medicine and Nursing and Fanshawe College has been established to assist in the development and integration of such courses.

Each of the Health Science Programs has attempted to increase its entering class size to the maximum consistent with the limitations of space available and the maintaining of an acceptable standard of education. Each program has many more applicants than it is able to accept. The provincial government has been studying health manpower requirements and has now placed a quota on the output of M.D.'s from the five Ontario medical schools. With a quota of

670 per annum for the next ten years set by government, it is unlikely that the entering class size in Medicine at Western will go above 100. Similar limitations in the other Health Science programs will probably be forthcoming.

After a decade of rapid expansion, the Health Sciences look forward to a period of consolidation of its well-established and new programs. Of major concern over the next few years will be to support our affiliated teaching hospitals and institutions in their building programs designed to upgrade their facilities. By its membership on the London Health Council and the London Health Sciences Co-ordinating Committee, the University will continue to play a role in the development of the health care system in London.

Decision of the Senate that it is a "working" body. During one meeting only, held during the year, but it is desirable to compute the number of committees and subcommittees held in conjunction of the policy. Some of the committees of the Senate was 11, but this figure is an over-estimation of the "working" Senate that is the number of Senate meetings.

The 1958 and 1959 sessions were held in late October 1957 and early June 1958, when 1,111 degrees were awarded in undergraduate and graduate disciplines, and 174 degrees in medicine and dental fields.

The 1958 Commission was held in September 1957, in which the legislation and planning of University Hospital, a long-term plan of the late Dr. G. Howard Hall, President of the University from 1957 to 1967.

In order to accommodate the expansion of the University's educational organization, the opening of the main building was held in conjunction with the opening of the Library Extension. The Social Science Centre was opened in March, when the 1958 Commission began the work.

SENATE RESPONSIBILITIES

The University has identified the role of the Senate by dividing it into two parts - the responsibilities and the powers. It is reasonable, therefore, to outline the role of the Senate and to outline the powers of the Senate and to outline the role of the Senate in its general responsibility for academic policies.

Policy was developed in the following areas, and appropriate resolutions should be passed in the following areas, and appropriate resolutions should be passed in the following areas, and appropriate resolutions should be passed in the following areas.

- Admission, Degree Requirements
- Admission criteria based on secondary school achievement in other provinces and students
- Admission criteria based on achievement in programs of colleges of Applied Arts and Technology
- Admission criteria for Faculty of Medicine, Faculty of Nursing, Faculty of Arts
- Resolutions by Faculty of Medicine, following a failed year
- Admission criteria based on achievement in other universities
- Transferability through Council of Universities and granting of
- Admission criteria
- Application Fee, Contact Information
- Transfer Fee, Transfer Application

THE UNIVERSITY SENATE

Report of Secretary

PROFESSOR J. K. WATSON

The statistics for the 1972-73 Senate year follow essentially the pattern which has been developing since 1967 when the first policy decision of the "new" Senate was that it be a "working" body. Twenty-one meetings were held during the year, but it is impossible to compute the number its Committees and Subcommittees held in promotion of the policy. Average attendance at meetings of the Senate was 51, but this figure is no more a reflection of the "working" Senate than is the number of Senate meetings.

The 212th and 214th Convocations were held in late October 1972 and early June 1973, when 3,442 degrees were awarded to undergraduate and graduate candidates, and 691 diplomas to candidates in special fields.

The 211th Convocation was held in September 1972, to mark the completion and opening of University Hospital, a long-time dream of the late Dr. G. Edward Hall, President of the University from 1947 to 1967.

To record and commemorate the expansion of the University's educational opportunities, the opening of the Music Building was held in conjunction with the ceremonies of the Autumn Convocation. The Social Science Centre was opened in March, when the 213th Convocation honored the event.

SENATE RESPONSIBILITIES

The University Act classifies the role of the Senate by dividing it into two parts - its responsibilities and its powers. It is reasonable, therefore, to review the work of the past year within the alignment of the Act and encapsulate first the Senate's response to its general responsibility for academic policies.

Policy was formulated/established, or rescinded/modified/amended/revised in the following areas, and appropriate regulations created:

Admission, Mature Applicants

Admission criteria based on Secondary School achievement in other provinces and countries

Admission criteria based on achievement in programs of Colleges of Applied Arts and Technology

Admission criteria for Faculty of Medicine, Faculty of Nursing, Faculty of Music

Readmission to Faculty of Dentistry, following a failed year

Admission criteria based on achievement at other universities

Student mobility through Letters of Permission and granting of Advanced Standing

Application Fee, Canadian applicants

Processing Fee, foreign applicants

Aptitude/Achievement testing as an admission requirement  
 Extension of Grade 13 Concurrent Program  
 Category "Special Students", to replace "Make-up" and "Qualifying"  
 Preregistration Procedures  
 Final dates for adding/dropping courses without academic penalty  
 Course Requirements, Fifteen Course B.A. and B.Sc. Programs  
 "Three Plus One" Programs in Genetics, Chemistry and Geology  
 Certificate of Honor Standing - following conferment of three-year  
 degree  
 Criteria for transferring from a professional program to another  
 program  
 Terminology for evaluation of student performance/achievement  
 Schedule for instructors' submission of marks/grades for student  
 reports  
 Program in Development Studies leading to Diploma in Education  
 Graduate Program leading to Master of Arts in Teaching  
 Graduate Program in Clinical Orthodontics leading to Master of  
 Clinical Dentistry  
 Procedures, Membership - Senate Review Board (Academic)  
 Procedure, responses to discipline assessments of COU  
 Recommendations of the "Porter" Report  
 Interdisciplinary Studies  
 Recruitment practice, liaison with Ontario Secondary Schools  
 Constitutions of the Councils of the Faculty of Graduate Studies,  
 Faculty of Law, Faculty of Social Science  
 Committee Compositions and/or Terms of Reference: SCOSH, SCUP,  
 SCUD, SCOP, SBFC  
 Senate By-Laws: Confidentiality, and Academic Colleague  
 Graduate School of Journalism  
 Conditions for awarding 25 new in-course undergraduate Scholarships,  
 Awards, Prizes  
 Introduction of 1973 Admission Scholarships, non-formula funds.

#### Additional Senate Responsibility

Amongst the nine specific prescriptions for Senate responsibility is the familiar "31(g)", which allocates authority to the Senate to recommend to the Board of Governors the conditions under which faculty members shall be appointed. In September 1970, this was translated into action through "Conditions of Appointment".

Conflict with the students over some of the provisions surfaced soon thereafter, and resulted in the establishment of a two-year experimental period (1972 to 1974) for procedures and composition of Promotion and Tenure Committees. However the debate on student voice in Teaching Evaluation continued until late April 1973.

In July 1972 the recommendations of an Ad Hoc Committee on a system(s) for evaluating faculty were approved as guidelines for Promotion and Tenure Committees. The Operations/Agenda Committee was instructed, however, to strike a subcommittee to consider how they might be applied to student evaluation of teaching. In September the subcommittee submitted a draft questionnaire to satisfy the provision ".....written opinion.....".

shall be formally solicited". The draft was challenged, and rejected on the grounds of professional over-simplicity, non-applicability to all disciplines, administrative costs, and the parallel questionnaire of the University Students' Council. The Operations/Agenda Committee was instructed to make a further attempt at resolution of the problem through a small committee specially trained in questionnaire formulae. In December a ten-point form was approved and made mandatory for the use of all Faculties, with the Dean of each being charged with responsibility for protecting student anonymity and for administration of the questionnaire.

In January the President asked the Senate to reply to requests which the University Students' Council had presented to him - that Departments be required to allocate class-time to the U.S.C. for administration of the Council's Teaching Evaluation form, inasmuch as there was a timing conflict between the Student and Senate Evaluations (the U.S.C. needed data by late January, the Deans had decreed mid-March for the Senate), or that a Senate/USC cooperative questionnaire be developed. The Operations/Agenda Committee was requested to recommend procedures, and in early February an Ad Hoc Joint Committee of the Senate/USC/SOGS was established to study possibilities of cooperation in future evaluations, while retaining the timing of mid-March for the 1973 Senate questionnaire.

In early April student Senators accused Faculties of mal-administration and violation of student anonymity in the handling of the Senate questionnaire. All response cards were impounded in the Senate Secretariat pending an inquiry into alleged irregularities. At a later meeting a student motion for destruction of all response cards was defeated, but those responses for which allegations of irregularities had been proven were declared null and void for the use of Promotion and Tenure Committees.

Subsequently the Senate delegated authority for the future to Departments and Faculties to solicit written student opinion on teaching, stipulating that each must submit evidence to its Dean that it has fulfilled the provision.

The Joint Committee on Evaluation Cooperation was later discharged.

#### Conditions of Appointment, "Timing"

In January 1973 it became apparent through questions raised in the Enquiry period that the timing schedule provided by "Conditions", and its relationship to practice, was causing dissatisfaction to students and faculty. Student Senators and Observers questioned also whether the student voice in Promotion and Tenure Committees was being heard, or heeded, and lobbied for a means of appealing decisions of non-renewal of limited term and probationary appointments.

Following the tabling of proposed amendments in February, the Vice-Chancellor agreed to hold discussions with the Faculty Association.

#### Conditions of Appointment, Proposal for Additional Provision

In June an Ad Hoc Committee was established to report to the Senate by October on policy and procedures for terminating appointments due to unforeseen financial crises of the University.



## SENATE POWERS

The powers assigned to the Senate by the Act include the right to recommend to the Board of Governors such action as the Senate deems necessary for the welfare of the University. It is this provision which accords the Senate its place in University governance, and absorbs the balance of the Senate's time and efforts.

## Budget Model

In mid-summer 1972, it appeared from the number of applicants for admission that the trend towards declining enrolment would be accentuated for September registration.

A freeze until October was placed on the appointment of new faculty, pending determination of student count and grants to be generated from registrations. In October, when reliable information was not yet available, a contingency plan was instituted for reducing non-salary budget allocations by various percentages. It was estimated that the two measures could contain the deficit position anticipated in the 1972-73 Budget Model presented to the Board of Governors the previous April.

In December a 'restructured budget was presented, based on adjustments to revenues resulting from corrected enrolment data, and on economies resulting from the cooperation of the budget units.

Proposals for the 1973-74 Budget were recommended to the Board of Governors in February, based on a no-growth factor. In May a contingency plan was established which provides for Faculties to carry over up to 1% of their allocations to 1974-75 if unspent during the 1973-74 year, and a carry-over penalty of up to 1% if spent.

## Abolition of Instructional Media Centre

The Council for Instructional Media presented recommendations in May 1972 for the decentralization of media facilities and services. In February, after consideration of the University community's response to the recommendations, the Senate disbanded the Media Centre and distributed responsibility for its equipment and services between the Faculty of Science and an Interfaculty Committee of Trustees under the Senate Committee on University Development. In March the Council itself was abolished, and the terms of reference of the Trustee Committee expanded to include supervision and coordination of equipment, and dissemination of information on its availability.

## Computer Council

In October the terms of reference and membership composition of the Council were revised in order to promote more adequately for the orderly development of computer systems and services throughout the University. In February the new Council presented a report introducing changes in budgeting and accounting systems for computer time and services. The innovations were tabled, pending consultation with users, and in May the Council presented a revised report which was intended to reflect as accurately as possible the cost of the Computer Centre to the University.

### Review Board (Social)

As a finale to the almost five-year controversy on "Rules", in January the Senate recommended to the Board of Governors the adoption of a statement of University policy and the establishment of a Review Board (Social) under the Board of Governors. The initial responsibility and membership of the new body was included in the recommendation.

### Review of University Act

The Joint Senate/Board Committee which was established early in the year to draft revisions to the 1967 Act reported to the Senate in December. The draft amendments were debated at a Special Senate meeting in January 1973. Disagreement over constituency representation resulted in their rejection and discharge of the Joint Committee. The Senate Committee on University Planning was charged with responsibility for recommending an acceptable solution to Section 26, and to other areas of dissent.

### Capital Reserves, Space Allocations

Four recommendations were made to the Board of Governors, for expenditure of up to \$1,224,425 from Capital Reserve Funds for the renovation of the Lawson Building, and for providing quarters for the Department of Secretarial Science, and Programs in Occupational Therapy and Communication Disorders.

OFFICE OF THE REGISTRAR

## Report of the Deputy Registrar

MR. W. G. NEDIGER

The 1972-73 session was one of consolidation of the major areas of development begun in 1971-72 with minor changes being made in office organization and areas of responsibilities. The exception to this was in Secondary School Liaison where intensive effort was placed on recruitment.

## REGISTRATION

The Scheduling and Pre-registration System begun in 1971-72 was considered after its first complete cycle, i.e. October 1972, to have been only moderately successful. Serious difficulties arose in scheduling fixed program students in Engineering, Music and Nursing as well as those from the Affiliated Colleges. In view of these difficulties coupled with the potential for success as shown by the large majority of successfully timetabled students in Arts, Science and Social Science the decision was made to make no major changes for 1972-73 but to put the greatest effort toward overcoming the problems that became apparent in September 1972.

It should be noted that the problems were brought into sharper focus when considered along with the shortfall in enrolment and the resultant budget implications. The freshmen intake was down by approximately two hundred students as was the upperclass registration.

Preparation for the 1973-74 Scheduling and Pre-registration were underway late in 1972. Extensive manual procedures were introduced by Mr. D. Link and Mr. C. Thomas of this office to provide a thorough check of all input and output data. By the end of June 1973 a far superior system, both manual and machine, was in operation. Tight controls

over input and output resulted in a thorough understanding of the machine system and many improvements to it which had been impossible in 1971-72 due to the lack of time for testing prior to September 1972.

Mr. I. P. Suttie is wholly responsible from the point of view of this office for the direction the Scheduling and Registration System has taken. His able leadership and unstinting attention to details has resulted in an excellent team comprised of members of this office and D.I.A.S. Any success of this system is largely due to his efforts.

#### SECONDARY SCHOOL LIAISON

The shortfall of enrolment in 1972-73 and the bleak prognostication for the future compelled the University to give considerable thought to the recruitment aspect of the Liaison program.

A sub-committee under Dr. Rossiter was set resulting in detailed plans for greater activity in student recruitment. As a result additional funds were allocated to this office for the purpose of implementing the plans. Mr. J. Metras, former Director of Athletics, was assigned to the Liaison office with immediate impact. Mr. R. Vigna was also taken on to enable us to provide greater contact with the Secondary Schools while Mr. Roberts became more active with the U.W.O. Alumni.

Mr. W. Barill, as well as overseeing the entire operation, became active in a wide variety of enterprises in the recruitment field. Probably the most effective was his constant contact with prospective students on a monthly basis by mail, a mammoth undertaking, which was widely accepted. He has shown an initiative and energy that is in no small way responsible for the excellent recovery Western seems to be making in the area of new admissions.

## ADMISSIONS

The recovery that is strongly indicated is a result of many factors. As well as the recruitment drive much credit must go to Mr. J. Wilgar and his staff. Their job has been further complicated by the inauguration of the Ontario Universities Application Centre in Guelph. Extensive use was made of personnel and expertise from Western to aid in the development of the province-wide system. As a result pressures were placed on our personnel that created more work than would have been necessary had the centre not existed. However, it did appear to be effective and the hope for the future is that the systems at Guelph and Western will be sufficiently compatible to enable us to develop a more personal approach to our applicants.

Although it is always dangerous to single persons out when many are deserving I cannot refuse to commend Mr. W. Kropf for the leadership given. His patience and understanding went a long way to keep all systems going smoothly.

It is interesting to note that the total number of applications processed by the Admissions group was 24,328 for 1973-74 as opposed to 24,662 for 1972-73. At a time when enrolment shortfalls were severe in almost all Ontario universities a high interest in U.W.O. has been maintained.

Changes were introduced to certain admission requirements for special groups, the most significant being in the area of the Mature Student where the age requirement was dropped from 23 to 21.

A further area of controversy was resolved by the dropping of S.A.C.U. as an admission requirement for the future. The tests were recommended for 1972-73 with U.W.O. repaying the fee to the students who wrote the tests and registered here.

## PROGRAMS AND INFORMATION

Miss M. May has continued to give to Western more than is expected of any individual. Her untiring efforts and personal touch as she deals with students does much to create a feeling that "Western cares".

Convocation continues to grow and, as a result, creates pressures on this office that are becoming almost intolerable. However, I'm certain that solutions will be found that will enable us to provide an efficient and effective service to the student body for this all-important event.

The area of student programs is undergoing an evolutionary change as the Office of the Deans are being charged with much responsibility that traditionally belonged to this office. Through constant dialogue and the watchful eye of Miss May the various offices are able to keep a fairly consistent approach.

In conclusion, may I say that the Office of the Registrar has played a key role in the university life of the community both on campus and off. Members of this office that have held various positions or have taken part in various presentations in provincial organizations include Mr. Nediger, Mr. Wilgar, Mrs. Isaacs and Mr. Kropf.

We have continued to work closely with Deans, Senate Committees and Administration. I look forward to a continued cooperative effort in the future.

TOTAL UNIVERSITY UNDERGRADUATE SUMMARY OF FULL-TIME ENROLMENT BY SEX  
1972-73

	<u>Sex/Year</u>	<u>1</u>	<u>2</u>	<u>3</u>	<u>4</u>	<u>5</u>	<u>6</u>	<u>Special</u>	<u>Total</u>
Althouse	M	—	—	—	—	—	—	406	406
	W	—	—	—	—	—	—	320	320
Arts	M	129	117	98	39	—	—	22	405
	W	271	273	247	65	—	—	20	876
Business	M	—	—	135	104	—	—	—	239
	W	—	—	13	8	—	—	—	21
Brescia	M	—	—	—	—	—	—	4	4
	W	107	69	75	6	—	—	32	289
Dentistry	M	—	—	49	42	50	35	—	176
	W	—	—	5	4	2	—	—	11
Engineering	M	149	83	92	84	—	—	3	411
	W	2	1	—	—	—	—	—	3
Huron	M	89	91	66	7	—	—	5	258
	W	85	50	51	12	—	—	1	199
Kings	M	135	158	102	16	—	—	10	421
	W	114	109	104	16	—	—	—	343
Law	M	—	—	128	116	114	—	—	358
	W	—	—	29	18	8	—	—	55
Medicine	M	—	4	73	81	80	77	—	315
	W	25	56	70	36	11	9	—	207
Music	M	65	40	26	27	—	—	6	164
	W	80	86	52	27	—	—	5	250
Nursing	M	—	3	—	—	—	—	—	3
	W	49	84	75	50	—	—	5	263
Physical Ed.	M	—	37	37	41	—	—	3	118
	W	—	57	41	36	—	—	3	137
S.L.I.S.	M	—	—	—	—	—	—	3	3
	W	—	—	—	—	—	—	4	4
Social Sc.	M	856	882	557	89	—	—	129	2513
	W	636	559	368	43	—	—	68	1674
Science	M	872	635	424	74	—	—	99	2104
	W	484	234	173	31	—	—	16	938
Total	M	2295	2050	1787	720	244	112	690	7898
	W	1853	1578	1303	352	21	9	474	5590
<b>TOTAL</b>		<b>4148</b>	<b>3628</b>	<b>3090</b>	<b>1072</b>	<b>265</b>	<b>121</b>	<b>1164</b>	<b>13488</b>

OFFICE OF THE COMPTROLLER

Report of the Comptroller

MR. R. R. GLOVER

The year ended 30<sup>th</sup> April 1973, might appropriately be entitled the year of the financial squeeze. Because of a shortfall in enrolment, revenue fell \$1,337,000 below estimate, necessitating a series of budget revisions to avoid a substantial deficit. This action, plus improved budget control procedures, together with voluntary restraints by all budget heads, held expenditures in check to such an extent that the year ended with a modest operating surplus of \$196,000.

Certain components of the revenue side of the statements are of interest, notably:-

1. Fee revenue generally exceeded estimates in the professional faculties, whereas it fell below expectations in the Arts, Sciences and Social Sciences. Revenue from continuing education and part-time students about equalled estimates. Fee collections were well maintained in spite of a student "fees strike" which occurred in January in protest of Government action in increasing fees across the board by \$100. Uncollected fees at year end were no greater than normal.
2. Revenue from Services to Outside Organizations - (the Meek Laboratory at Victoria Hospital) decreased substantially due to the transfer of staff and facilities to the University Hospital. Thus, a significant source of revenue of many years standing has virtually disappeared. (It is expected to stop completely in 1973-74).
3. Income from the short-term, day to day investment of current funds, exceeded the budgeted estimate by \$112,000, or approximately 20%.
4. From 1 January 1973, annual grants from the counties in Western Ontario were applied towards operating revenue instead of to capital account, as had been the practice since the last financial campaign in 1963. This change, which was approved by the Board, added \$6,500 to the 1972-73 revenue.

On the expenditure side, due to the circumstances previously mentioned, all Faculties and Schools, and virtually all academic support units operated within the approved expense allotments. Even so, total academic expenses increased by approximately two million dollars, about 6% above those of the previous year. All the Administrative Units operated well within the approved appropriations, and at a reduction of over 3%



from the previous year. Physical Plant also operated within the authorized budget, but, with the increase in square footage to maintain due to recently completed buildings, actual expenditures exceeded the prior year by approximately 7%. Sponsored research increased markedly by approximately 16% to \$7,939,000, an all-time high.

The Ancillary Operations showed a mixed picture, with the Apartments, the Book Store, Health Services and Parking operating at a break-even or better result, whereas the Residences and Food Services operated at a loss. The Residences incurred the most substantial loss, approximately \$227,000, mainly the result of the Food Service part of the Residences operations. The remainder of the Food Services incurred a loss of \$15,683, which, when added to the loss in the previous year, has resulted in an accumulated deficit of approximately \$46,000 to be recovered from future years' operations.

It should be noted that because of the change in the fiscal year end to April 30, which occurred in 1972, the operating statements for the two years ended April 30, 1972 and 1973 are not truly comparable, the 1972 amounts being for ten months only.

The shortfall in enrolment also reduced the University's entitlement for capital funds, which made it necessary to cut back on the building programme by cancelling some projects and temporarily deferring others.

Although the year brought with it many problems in reducing some activities and in curtailing certain capital projects, the cooperation of all members of staff in meeting the challenge was indeed heartening. All in all, to have ended with an operating surplus instead of the anticipated substantial deficit was a significant achievement.

The University of Western Ontario  
STATEMENT OF CURRENT OPERATING REVENUE AND EXPENSE

YEAR ENDED APRIL 30, 1973

(with comparative amounts for the ten months ended April 30, 1972)

	1973	%	Ten months ended April 30, 1972	%
Revenue:				
Student academic fees	\$ 9,381,457	16.7	\$ 7,737,818	16.9
Income from investments (including general endowment)	661,932	1.2	482,042	1.1
Gifts and grants for operating purposes	111,921	.2	83,352	.2
Miscellaneous	2,041,450	3.6	1,181,908	2.6
	<u>12,196,760</u>	<u>21.7</u>	<u>9,485,120</u>	<u>20.8</u>
Government grants for operating purposes:				
General —				
Province of Ontario	35,658,944	63.2	30,014,382	65.7
Municipal — City of London	215,000	.4	94,500	.2
— Counties	6,500	.0		
Restricted — Province of Ontario —				
Trois Pistoles Summer School	30,789	.0	22,652	.0
Municipal taxation reimbursement	339,175	.6	315,225	.7
	<u>36,250,408</u>	<u>64.2</u>	<u>30,446,759</u>	<u>66.6</u>
Grants for assisted research (as applied)	<u>7,939,295</u>	<u>14.1</u>	<u>5,775,457</u>	<u>12.6</u>
Total revenue	<u>56,386,463</u>	<u>100.0</u>	<u>45,707,336</u>	<u>100.0</u>
Operating expense:				
Instruction	35,045,515	62.3	27,493,513	60.6
Libraries	4,061,334	7.2	3,317,080	7.3
Assisted research	7,939,295	14.2	5,775,457	12.7
	<u>47,046,144</u>	<u>83.7</u>	<u>36,586,050</u>	<u>80.6</u>
Administration	2,493,170	4.4	1,932,612	4.3
Alumni and Information Services	303,915	.5	323,832	.7
Plant operation and maintenance	5,025,998	8.9	4,029,630	8.9
Unallocated staff benefits	1,704	.0	3,086	.0
Provision for staff benefit improvements	400,000	.8	465,395	1.0
Other expenditures	693,338	1.2	535,283	1.2
Alterations and renovations	246,131	.5	231,772	.5
Temporary buildings			22,506	.0
Computer equipment			<u>1,254,951</u>	<u>2.8</u>
Total operating expense	<u>56,210,400</u>	<u>100.0</u>	<u>45,385,117</u>	<u>100.0</u>
Excess of operating revenue over operating expense	<u>176,063</u>		<u>322,219</u>	
Deduct:				
Provision for University Theatres			2,718	
Provision for computer equipment			<u>345,049</u>	
			<u>347,767</u>	
Excess (deficiency) of operating revenue over expense — carried forward	<u>\$ 176,063</u>		<u>\$ (25,548)</u>	

# The University of Western Ontario

## STATEMENT OF CURRENT OPERATING REVENUE AND EXPENSE

YEAR ENDED APRIL 30, 1973

(with comparative amounts for the ten months ended April 30, 1972)

### ANCILLARY ENTERPRISES

	<u>1973</u>	<u>%</u>	<u>Ten months ended April 30, 1972</u>	<u>%</u>
<b>Revenue:</b>				
Food services	\$1,387,639	18.9	\$1,159,592	18.4
Residences and apartments	3,520,101	47.9	3,008,568	47.8
Bookstore	1,774,370	24.2	1,488,004	23.6
Health services	238,408	3.2	92,180	1.5
Parking	250,367	3.4	202,265	3.2
Athletics			344,863	5.5
University Community Centre	172,857	2.4		
	<u>7,343,742</u>	<u>100.0</u>	<u>6,295,472</u>	<u>100.0</u>
<b>Expense:</b>				
Food services	1,403,323	18.8	1,198,708	19.1
Residences and apartments —				
Operations	3,032,118	40.5	2,155,918	34.4
Mortgage payments	691,460	9.2	413,513	6.6
Provision for special mortgage payments, alterations, maintenance and furniture replacements			390,000	6.2
Bookstore — operations	1,726,629	23.1	1,480,059	23.6
— grants			15,000	.2
Health services	256,532	3.4	149,317	2.4
Parking	216,622	2.9	167,455	2.7
Athletics			301,472	4.8
University Community Centre	154,323	2.1		
	<u>7,481,007</u>	<u>100.0</u>	<u>6,271,442</u>	<u>100.0</u>
Excess (deficiency) of ancillary enterprise revenue over expense — carried forward	<u>\$ (137,265)</u>		<u>\$ 24,030</u>	

### ALTHOUSE COLLEGE OF EDUCATION

<b>Revenue:</b>				
Student academic fees	\$ 539,737	16.0	\$ 485,038	16.5
Income from investments	43,869	1.3	23,259	.8
Provincial grant for operating purposes	2,527,685	74.7	2,104,893	71.4
Provincial grant for physical education and guidance	132,427	3.9	175,687	6.0
Grants for assisted research (as applied)	138,568	4.1	158,082	5.3
	<u>3,382,286</u>	<u>100.0</u>	<u>2,946,959</u>	<u>100.0</u>
<b>Expense:</b>				
Instruction	2,639,175	80.0	2,247,981	80.3
Libraries	145,434	4.4	92,772	3.3
Assisted research	138,568	4.2	158,082	5.6
	<u>2,923,177</u>	<u>88.6</u>	<u>2,498,835</u>	<u>89.2</u>
Administration	220,931	6.7	177,913	6.4
Plant operation and maintenance	153,776	4.7	123,865	4.4
	<u>3,297,884</u>	<u>100.0</u>	<u>2,800,613</u>	<u>100.0</u>
Excess of revenue over expense — carried forward	<u>\$ 84,402</u>		<u>\$ 146,346</u>	

FACULTY OF GRADUATE STUDIES

## Report of the Dean

PROFESSOR H.B. STEWART

The Faculty of Graduate Studies has undergone a year of consolidation. Dr. W.S. Turner, Assistant to the Vice-President (Academic) and Acting Dean turned over the affairs of the Faculty to Dr. H.B. Stewart, the in-coming dean, in August of 1972. The terms of office of Professor R.G. Kidd (Assistant Dean, Physical Sciences and Biosciences) and Professor W.H. Stockdale (Assistant Dean, Arts and Social Sciences) both terminated on July 1, 1973. Committees elected to advise the Dean on the matter of replacement unanimously recommended the re-appointment of the incumbents. Both of the Assistant Deans have agreed to act for a further defined term.

The Faculty offices have moved from the Portable Building adjacent to the McIntosh Gallery where they have been since September 1970 to more permanent quarters in the recently rennovated Stevenson-Lawson Building.

REGISTRATION

After a period of rapid growth in the late sixties and early seventies the rate of growth of registration in the Faculty has approached zero in the last two years. A summary of the changes over the last five years is shown in Table I. Coupled with the leveling off of growth there has been a growing trend toward part-time registration. The part-time rate is lowest in the Bioscience and Physical Science Divisions (about 29%), the Arts division is intermediate and the rate in the Social Science division approaches 40% when corrected for the large group in the M.B.A. program (who are all full-time). The detailed statement of registration is to be found in Table II. It may be noted that the substantial number of qualifying-year or pre-requisite-year students noted in the tables between 1968-69 and 1971-72 now appear in undergraduate registration records as special students.

DEGREES CONFERRED

The graduate degrees conferred in October 1972 and June of 1973 are compared with previous convocation data in Table III. The overall total is about 4.6% below the previous year and the greatest single decline is in the Arts division (25%). This decline reflects a downward trend in enrolment from the peak reached in that division in 1970-71.

It is probably noteworthy that the number of Ph.D.'s conferred in 1972-73 has increased fractionally (12.9%) and absolutely (88); both of these values are record figures. The most consistently productive program at the Master's level is Business Administration although the Program in Library Science seems to have begun to stabilise at an annual figure in excess of 120. A detailed departmental break down in the number of degrees granted is given in Table IV.

GRADUATE STUDENT FINANCIAL SUPPORT1) Ontario Graduate Fellowships.

This final year of the Ontario Graduate Fellowship program saw Western receive 100 Fellowships in the Arts and Social Science divisions while the Physical and Bioscience divisions received 32. These figures compare with 132 in the Arts and Social Sciences and 43 awards in the Sciences in 1971-72. This reduction reflects

a decrease in the fraction of the total provincial graduate student body registered at Western.

Next year we look forward to the initiation of the Ontario Graduate Scholarship program which seeks to reward excellence and does not operate on a University quota except in a minimal sense. While we have not received details of the awarding procedures to be used, it is hoped that this recognition of excellence may contribute to an improvement of the quality of the graduate study in the years to come.

## 2. National Research Council Awards.

Because of a change in priorities, the National Research Council has discontinued its bursary support of students in the last year. In terms of last year's awards this action has had the effect of depriving the student support program of \$35,200. At the same time the number of scholarships decreased from 66 to 62 but because of a small increase in the value of the scholarship this category of award actually increased in value by \$300.

## 3. Canada Council Awards.

The awards from the Canada Council for the 1973-74 year as in the case of the National Research Council were fewer than in previous years. Compared with 88 in 1971-72 and 73 in 1972-73 we can look forward to 54 in 1973-74.

## 4. Special Teaching Assistantships and Scholarships.

The Faculty of Graduate Studies supplied some support for students by means of special teaching assistantships in addition to regular departmental teaching awards and by means of special University Scholarships for a limited number of high quality students. In 1972-73, 214 students received support and it is expected that in 1973-74 approximately 272 students will receive some support. The budget for this particular student support item has not changed since 1972-73 year. In the 1973-74 budget year an attempt has been made to make these funds available for attracting good students at an earlier date than in previous years in the hope that we may prevent loss of good candidates from lack of support.

The future of Graduate Study within the University can be seen to be in increasing jeopardy as one agency after another vacates or reduces its responsibility in the graduate student support field. It is unreasonable of Society to expect that any significant number of individuals will acquire a major debt in order to obtain a training which the rumor mongers have already attempted to brand as unrewarding. While the objective evidence does not support the "gloom and doom" that regularly emanates from a number of agencies, this kind of image making is doing great damage not only to good on-going programs but also to the future well-being of higher education in this country.

## DISCIPLINE ASSESSMENTS

This year has seen the first reports from the Advisory Committee on Academic Planning (A.C.A.P.) on discipline assessment.

Library Science was the first report received and it has resulted in the recommendation from the Council of Ontario Universities (C.O.U.) that the Universities of Toronto and Western Ontario each be encouraged to mount a Ph.D. program. An interesting derivative of this negotiation has been the development between the University of Toronto and this University of a collaborative arrangement

which makes provision for the sharing of staff between the two institutions and specifies the financial conditions governing each arrangement.

Formal recommendations have not yet been forthcoming from C.O.U. on the reports on Geography, Economics and Chemistry which have been received by that body. Reports in process of assessment at the time of writing are concerned with Education, Sociology and the Solid Earth Sciences. Plans already in hand for further assessments are shown in Table V. In addition to full scale planning assessments a new "Provisional Embargo" has been developed in order to allow an examination of the discipline to determine whether a full scale assessment is necessary. The disciplines under Provisional Embargo also are indicated in Table V.

At this stage of development it is difficult to generalise on the future of the A.C.A.P. activities. Concern, however, centres about the micro-planning contained in existing reports, the macroplanning which is proposed for across-University and inter-University regulation of priorities and finally the nature of the on-going supervision of whatever recommendations from the A.C.A.P. proposals are eventually agreed upon. The next year may serve to bring the role of A.C.A.P. into sharper focus.

#### APPRAISALS PROCEDURES

The Faculty has continued to utilise its Internal Appraisals Committee to examine new programs, to pursue its quinquennial review policy and to participate in departmental assessments in collaboration with the other faculties at the time of change of departmental chairman. This hard working committee has generated recommendations on a wide range of programs and has, one can safely say, made a genuine contribution to the quality of the University.

The new programs approved by the Internal Appraisals Committee are subsequently assessed by the Appraisals Committee of the Ontario Council on Graduate Studies. Within the last year the graduate program in Orthodontics, the first of a number of graduate programs planned in Dentistry was successfully appraised. The first of several proposed Education graduate programs namely the M.A.T. (in English, History, Mathematics and Physical Education) has been approved and we await the lifting of the ministerial embargo in order to initiate this offering.

TABLE I

ANNUAL REGISTRATION

<u>FULL-TIME</u>	<u>1968-69</u>	<u>1969-70</u>	<u>1970-71</u>	<u>1971-72</u>	<u>1972-73</u> *
Arts	130	181	211	196	147
Biosciences	261	306	319	285	240
Physical Sciences	310	314	338	313	255
Social Sciences	601	789	879	819	756
TOTAL	1,302	1,590	1,747	1,613	1,398
<u>PART-TIME</u>					
Arts	29	25	72	59	73
Biosciences	10	5	75	69	95
Physical Sciences	14	19	74	64	107
Social Sciences	18	43	148	178	215
TOTAL	71	92	369**	370**	490**
<u>NON-RESIDENT</u>	88	150	-	-	-
Part-time and non-resident excluding qualifiers	152	224	331	370	490
GRAND TOTAL	1,461	1,832	2,116	1,983	-
Grand Total excluding qualifiers	1,375	1,652	1,918	1,889	1,888
% change over previous years	-	+20.1	+16.1	-1.5	-0.05
% part-time and non-resident excluding qualifiers	11.7	14.1	17.3	19.6	25.9
% part-time and non-resident excluding M.B.A.'s and qualifiers	14.7	17.3	21.7	24.7	33.4

\* Qualifying year students included except in 1972-73

\*\* Includes non-residents.

TABLE II  
REGISTRATION 1972-73

NOTE: Registration for 1972-73 is reported (as of November 15, 1972) employing the Divisions for the groupings of departments, faculties, schools, and professional degree programs as outlined in the Constitution of the Faculty of Graduate Studies. For comparison, the registration as of October 15, 1971, is reported using the same Divisions.

DIVISION	Prerequisite		Master's		Ph.D.		Total 1972-73	Total 1971-72
	FT	PT	FT	PT*	FT	PT*		
Physics	0	0	2	3	0	0	5	5
Chemistry	6	0	29	9	35	15	94	106
Mathematics	0	0	10	4	10	18	42	53
Engineering	0	0	2	1	0	0	3	6
Biological Sciences	0	0	12	4	0	0	16	15
Philosophy	0	0	16	0	24	13	53	47
Religion	0	0	7	6	0	0	13	17
<b>SUBTOTAL:</b>	<b>6</b>	<b>0</b>	<b>78</b>	<b>27</b>	<b>69</b>	<b>46</b>	<b>226</b>	<b>249</b>
<b>PHYSICAL SCIENCES</b>								
Astronomy	0	0	3	2	3	1	9	15
Microbiology	0	0	4	1	8	1	14	16
Chemistry	0	0	12	2	8	3	25	18
Physics	0	0	11	1	12	1	25	26
Microbiology	0	0	3	1	2	0	6	6
Botany	0	0	1	0	3	0	4	5
Environmental Chemistry	0	0	0	0	0	1	1	6
Pharmacology	0	0	3	3	7	2	15	12
Earth Sciences	0	0	22	20	0	0	42	38
Microbiology	0	0	6	0	10	2	18	25
Earth Sciences	0	0	4	0	21	2	27	35
Microbiology	0	0	36	13	37	28	114	110
Microbiology	0	0	12	3	10	8	33	37
Earth Sciences	0	0	2	0	0	0	2	2
<b>SUBTOTAL:</b>	<b>0</b>	<b>0</b>	<b>119</b>	<b>46</b>	<b>121</b>	<b>49</b>	<b>335</b>	<b>351</b>
<b>PHYSICAL SCIENCES</b>								
Applied Math.	0	0	3	0	10	5	18	19
Astronomy	0	0	4	4	5	0	13	8
Chemistry	0	0	9	4	48	4	65	70
Computer Sci.	0	0	15	7	0	0	22	37
Engineering	0	0	45	52	29	10	136	115
Microbiology	1	0	15	2	12	7	37	41
Physics	0	0	5	1	8	2	16	15
Mathematics	0	0	7	0	14	2	23	31
Physics	1	0	8	3	18	4	34	38
<b>SUBTOTAL:</b>	<b>2</b>	<b>0</b>	<b>111</b>	<b>73</b>	<b>144</b>	<b>34</b>	<b>364</b>	<b>374</b>

Includes Non-Residents



DIVISION	Prerequisite		Master's		Ph.D.		Total 1972-73	Total 1971-72
	FT	PT	FT	PT*	FT	PT*		
<b>SOCIAL SCIENCES</b>								
Business	0	0	421	0	23	5	449	419
Economics	2	0	18	1	33	18	72	88
Education	0	0	0	62	0	0	62	65
Geography	0	0	22	24	10	21	77	94
History	1	0	30	11	6	10	58	64
Library Sci.	4	0	128	22	0	0	154	188
Nursing	3	7	16	4	0	0	30	50
Political Sci.	6	0	25	25	5	5	66	57
Sociology	12	3	19	7	0	0	41	36
<b>SUBTOTAL:</b>	<b>28</b>	<b>10</b>	<b>679</b>	<b>156</b>	<b>77</b>	<b>59</b>	<b>1009</b>	<b>1061</b>
<b>TOTAL</b>	<b>36</b>	<b>10</b>	<b>987</b>	<b>302</b>	<b>411</b>	<b>188</b>	<b>1934</b>	<b>2035</b>

1971-72FULL TIME

Prerequisite	117
Master's	1057
Ph.D.	462
<b>TOTAL</b>	<b>1636</b>

PART TIME

Prerequisite	29
Master's	163
Ph.D.	17
<b>TOTAL</b>	<b>209</b>

NON-RESIDENT

190

GRAND TOTAL

2035

1972-73FULL TIME

Prerequisite	36
Master's	987
Ph.D.	411
<b>TOTAL</b>	<b>1434</b>

PART TIME (INCLUDING NON-RESIDENT)

Prerequisite	10
Master's	302
Ph.D.	188
<b>TOTAL</b>	<b>500</b>

GRAND TOTAL

1934

\*Includes Non-Residents

TABLE III

DEGREES CONFERRED

Classified by Division to show 5-year trend.

<u>ARTS DIVISION</u>	<u>1968-69</u>	<u>1969-70</u>	<u>1970-71</u>	<u>1971-72</u>	<u>1972-73</u>
Ph.D.	4	2	4	7	6
M.A.	29	81	68	71	48
M.M.	0	0	0	2	1
Subtotals	33	83	72	80	55
<u>BIOSCIENCES DIVISION</u>					
Ph.D.	19	25	28	30	27
M.Sc.	26	24	29	18	24
M.Cl.Sc.	0	0	0	1	0
M.A.	23	20	26	36	39
Subtotals	68	69	83	85	90
<u>PHYSICAL SCIENCES DIVISION</u>					
Ph.D.	25	31	25	31	35
M.Sc.	22	42	45	35	36
M.E.Sc.	13	21	11	22	20
M.Eng.	18	14	22	19	25
M.A.	5	8	6	15	4
Subtotals	83	116	109	122	120
<u>SOCIAL SCIENCES DIVISION</u>					
Ph.D.	3	5	10	14	20
M.A.	48	63	64	75	55
M.B.A.	154	168	202	189	193
M.L.S.	48	62	198	139	127
M.Sc.N.	1	7	8	12	20
M.Sc.	0	0	2	0	1
Subtotals	254	305	484	429	416
<u>TOTALS</u>	<u>438</u>	<u>573</u>	<u>748</u>	<u>716</u>	<u>681</u>

TABLE IV  
DEGREES CONFERRED

Classified by Discipline to show 2-year comparison

<u>ARTS DIVISION</u>	Ph.D.		M.A.		M.M.	
	1971-72	1972-73	1971-72	1972-73	1971-72	1972-73
Classics	0	0	5	1	0	0
English	5	1	40	22	0	0
French	1	2	10	6	0	0
German	1	0	2	2	0	0
Music	0	0	1	0	2	1
Philosophy	0	3	8	6	0	0
Spanish & Italian	0	0	5	11	0	0
<b>TOTALS</b>	<b>7</b>	<b>6</b>	<b>71</b>	<b>48</b>	<b>2</b>	<b>1</b>

  

<u>BIOSCIENCES DIVISION</u>	Ph.D.		M.A.		M.Sc.		M.Cl.Sc.	
	'71-72	'72-73	'71-72	'72-73	'71-72	'72-73	'71-72	'72-73
Anatomy	2	2	0	0	3	2	0	0
Bacteriology & Imm.	2	4	0	0	0	2	0	0
Biochemistry	4	3	0	0	1	4	0	0
Biophysics	3	3	0	0	3	4	0	0
Epidemiology	0	0	0	0	0	0	0	0
Medical Research	0	0	0	0	0	0	1	0
Pathology	1	2	0	0	0	0	0	0
Path. Chemistry	1	0	0	0	2	0	0	0
Pharmacology	1	0	0	0	1	0	0	0
Physical Ed.	0	0	12	14	0	0	0	0
Physiology	2	1	0	0	3	3	0	0
Plant Sciences	4	5	0	0	3	1	0	0
Psychology	9	5	24	25	0	0	0	0
Zoology	1	2	0	0	2	8	0	0
<b>TOTALS</b>	<b>30</b>	<b>27</b>	<b>36</b>	<b>39</b>	<b>18</b>	<b>24</b>	<b>1</b>	<b>0</b>

PHYSICAL SCIENCES DIVISION

	Ph.D.		M.Sc.	
	'71-72	'72-73	'71-72	'72-73
Applied Mathematics	1	4	4	2
Astronomy	0	2	2	1
Chemistry	13	14	7	4
Computer Science	0	0	8	13
Engineering Science	4	8	0	1
Geology	4	3	7	4
Geophysics	3	0	1	1
Mathematics	3	3	0	0
Physics	3	1	6	10
<b>TOTALS</b>	<b>31</b>	<b>35</b>	<b>35</b>	<b>36</b>

SOCIAL SCIENCES DIVISION

	Ph.D.		M.A.	
	'71-72	'72-73	'71-72	'72-73
Business Administration	6	4	0	0
Economics	4	6	30	14
Geography*	0	5	11	3
History	4	5	11	17
Library Science	0	0	0	0
Nursing	0	0	0	0
Political Science	0	0	12	7
Sociology	0	0	11	14
<b>TOTALS</b>	<b>14</b>	<b>20</b>	<b>75</b>	<b>55</b>

\* Geography M.Sc.

M.A.		M.Eng.		M.E.Sc.	
'71-72	'72-73	'71-72	'72-73	'71-72	'72-73
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	19	25	22	20
0	0	0	0	0	0
0	0	0	0	0	0
15	4	0	0	0	0
0	0	0	0	0	0

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15      4      19      25      22      20

M.B.A.		M.L.S.		M.Sc.N.	
'71-72	'72-73	'71-72	'72-73	'71-72	'72-73
189	193	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	0	0	0	0
0	0	139	127	0	0
0	0	0	0	12	20
0	0	0	0	0	0
0	0	0	0	0	0

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189      193      139      127      12      20

I. Disciplines Under Embargo and Awaiting a Planning Assessment.  
(not including those noted in text).

<u>Discipline</u>	<u>Report Expected</u>
Administration, Business and Management Science	June, 1974
Computer Science (including Mathematical Foundations)	-
Criminology	
Engineering and Applied Science (doctoral level only)	January, 1974
English (doctoral level)	-
French and French Studies (doctoral level)	-
History	June, 1974
Physical Education, Kinesiology and related areas	June, 1974
Physics (doctoral level)	June, 1974
Planning and Environmental Studies	June, 1974
Political Science	June, 1974
Religious Studies	June, 1974.

II. Disciplines Subject to "Provisional Embargo".

Anthropology (at the Master's level, except Trent).

Biographics (at doctoral level).

Fine arts including, drama, music, art history,

M.A. in Fine Art, M.F.A. (not including conservation).

Journalism including Communication Arts.

Recreation.

Russian.

Spanish.

Leisure Studies

Interdisciplinary M.A.

Non-departmental Ph.D.

} Pending further information

FACULTY OF ARTS

Report of the Dean

PROFESSOR J. G. ROWE

To all appearance the year 1972-73 was for the Faculty of Arts rather much like previous years. The activities of the Faculty seemed to be a rather conventional combination of teaching and learning, research and writing, administration and other forms of service, punctuated by the occasional conference or lecture by a distinguished guest.

We were not lacking in encouraging signs and portents. To name a few. There was a rising enrollment in Italian; the Drama Workshop (long awaited by the Department of English) was opened with due solemnity and festivity; there was a continuing good response to both the undergraduate and graduate programs in the Department of Philosophy. The practise of appraising departments advanced satisfactorily. Fine Art, French, German, Philosophy and Russian Studies have submitted to the experience and found it rewarding. The spirit of innovation remains strong in the Faculty. New courses of good academic quality continue to appear, and old courses have been brought to new life with new perspectives and a renewed interest in the most difficult of arts, - effective teaching.

It was a privilege to have Margaret Avison among us as Writer-In-Residence for the Department of English. It is good to know that the tradition of sending a selected group of third year Honours French students to Besançon for a year may soon be extended to include Laval University. Happily, the Department of German is preparing to follow this

example by sending a small number of students to the University of Dusseldorf.

It is always gratifying to note that the amount of published scholarship continues to rise steadily. It is a widespread conviction among my colleagues that published scholarship is not only an important part of one's professional duty but also an effective support for continuing authenticity in the discharge of the teaching vocation.

Having said all this, it must be observed that 1972-73 was a troubled year, a time of anxiety. Course enrollments were down in many sectors of the Faculty and, of necessity, the budget of the Faculty had to be pruned significantly. Such steps produce dismay in us all. More, they bring to light a deeper anxiety: how to continue in the face of indifference and some degree of suspicion, hostility even, to provide true education with its emphasis on high academic standards, intellectual tools, ethical judgments and values, human compassion and deeds of public service. Stated thus, the problems which the Faculty of Arts will encounter in the future transcend the Faculty and involve the entire university community. It is my hope that the Faculty will not be found wanting in the courage, imagination and sacrifice required to resolve these and other problems attendant upon formal education in contemporary society.

I wish to thank all my colleagues, and especially the Chairmen of the departments of The Faculty of Arts, for their cooperation during the past year. It only then remains to note with deep regret the retirement of Professor Carl Klinck of the Department of English. How much we all owe this fine scholar and dedicated teacher who, as of 1st July, 1973, assumes the rank of Professor Emeritus.



## THE FACULTY OF ARTS

### DEPARTMENTAL REPORTS

#### DEPARTMENT OF CLASSICAL STUDIES

The High School lecture series continued under the supervision of Mr. M. E. Carbone. Lectures were given by C. L. Murison ("Technology and Machinery in the Ancient World"), D. E. Gerber ("The Roman Theatre"), and V. A. Broege ("Status Symbols in the Ancient and Modern World"). The series will continue in 1973-74. Liaison with the High Schools continues in various ways. In addition to the Lecture Series, which often draws over 100 students, several High School teachers accepted our invitation to bring their students to the University. During their visit they attend a regular lecture and talk with members of the Department.

Saturday, November 4, was devoted to a Colloquium on Homer. Two papers were delivered by visiting scholars of international distinction in Homeric studies to an audience of approximately sixty. This is the Department's fourth annual Colloquium and it has acquired sufficient reputation to attract visitors from distant points in Canada and the United States.

Registration in the Translation courses continues to increase and the Department is devoting considerable effort to make these as satisfactory as possible for students from all areas in the University.

The Department was extremely fortunate in having Germany's most distinguished Hellenist, Dr. Bruno Snell, Professor Emeritus of the University of Hamburg, as Visiting Professor for the fall term.

#### DEPARTMENT OF ENGLISH

I. GENERAL. The usual information with regard to courses and programmes of study and the scholarly activities of members of the Department are provided below. There are one or two general matters which also deserve a place in this report.

A. The writer-in-resident. Margaret Avison was the first person to hold this position and found herself busy with appointments every week from September to May. Her experience has convinced us that the best way to encourage such writing is through the kind of informal and personal contact Miss Avison was able to establish and not through a formal, credit course. Notwithstanding that present financial arrangements give us no BIU credit for the work of the writer-in-residence, we place a high priority on the continuation of this appointment. Apart from her work with students in her office, Miss Avison was enormously valuable in our courses; she visited

many sections of the freshman course, of the Bible course, and the Canadian courses, and entered into active discussion with the students.

B. Publication of Rintrah and The Pom. Seed: This is the first year that the Department has made arrangements for the publication of these journals, and for the first of them we are indebted to the Faculty of Arts for assistance in paying expenses. The first number of Rintrah included a discussion among fourth year honours students of what university education had meant and would mean to them; it also included an excellent essay on The Changeling by George House (who directed the Department production of it) and another excellent essay, by way of review of the actual production, by Ninian Mellamphy. These essays were both interesting in themselves and of wide value in the teaching of the play to more than 1,000 students. The first issue of Rintrah represented for us the right balance for such a publication, and we hope to produce a second number next year.

The Pom. Seed, edited by students with the advice of Miss Avison, was a collection of creative work by students. It was, indeed, not only written by students, but run off on the press by them, with the help of Professors Devereux and Somerset. The Pom. Seed confirms our feeling that there is much more good creative writing on the campus than has been evident in recent issues of Folio, and it is our intention to publish a new number each year.

C. Speech 43. The culmination of course work in all sections of Speech 43 was this year a Public Speaking Contest in the Drama Workshop. There were eight finalists, and the judges were President Williams and Deans Dunn and Wettlaufer. The contest did much to revive interest both in the course and in public speaking generally, and we intend to hold such a contest again next year. The contest is paid for out of the McIntosh Fund.

D. The Drama Workshop. In the first year of its operation, the Drama Workshop was fully booked. Construction is still under way and we look forward next year to a full season, which will include rehearsed readings and productions of both general and specifically academic interest. An account of this year's activities is appended to this report.

E. High School Teachers Conference. A very successful meeting with High School teachers of English from London and the surrounding area was held this year in the Drama Workshop. We intend to continue and to extend our liaison with teachers of English and to meet annually to discuss problems of mutual concern. These meetings will complement the increasing number of visits made by individual members of the Department to local schools.

F. The Retirement of Carl F. Klinck. The Department held a Conference on Canadian Literature in honour of Professor Klinck and would like here to record its gratitude for his years of service. That service extends beyond the University and will be recognized in the dedication of the next numbers of both Canadian Literature and The Journal of Canadian Fiction to Professor Klinck. A proposal will shortly be sent forward for a C. F. Klinck Professorship in Canadian Literature in order that we may continue to take our place in Canadian Studies, a place established largely by Professor Klinck's work and now, with his retirement, in need of added strength.

G. During the year, the Department made plans to offer three new courses: English 33 - Children's Literature; English 34 - Fantasy Literature; and English 36 - Contemporary Drama. Preregistration figures suggest that the first two of these courses will be heavily booked next fall and that there will be enough students to justify the third. The arrangements for offering these courses to the number of students who appear to want them have necessitated a major restructuring of the Department's teaching programme.

II FRESHMAN PROGRAMME. Enrolment in the freshman courses declined in 1972-73 (from 1544 to 1335 students). The Department continued to use team teaching in all three courses. The present English 20 course has been in existence now for four years. In 1972-73, the Department established an ad hoc committee to review all aspects of the course. The committee solicited opinions from faculty members, teaching assistants, and students. After much deliberation, it recommended that the course be "an introduction to selected major works of literature in English, indicating something of the historical range and the modal and generic variety of that literature". This recommendation represents a modification of the present course outline, but not a major change. The committee also recommended that the present method of team teaching, and the current procedures for setting and marking the final examination, be retained. The committee is continuing to study problems connected with written expression in English, and will submit a report to the Department in the fall of 1973.

III GENERAL PROGRAMME. The Department continued to use team teaching successfully in English 31, English 38, Film 40 and Film 41. We also continued our practice of having a number of visitors in English 31 and English 38. The list included Robert Creeley, Peter Mellen (Fine Arts, York University), Eli Mandel, Edward Moogk (National Library, Ottawa), Leo Aylen, Hugh Hood, Ray Smith, Paul Chamberland, Adele Wiseman, b p nichol, Milton Acorn, John Warkentin (Geography, York University), Jay MacPherson, P. K. Page, and Robertson Davies.

- IV HONOURS PROGRAMMES. In the third year of the new honours programmes, the distribution of course registrations in honours and general courses followed the pattern established in 1970-71 and 1971-72. There were 1123 registrations in general courses and 1693 registrations in honours courses.
- V GRADUATE PROGRAMME. In the fall and winter, 1972-73, 13 full-year courses and one half-course were offered by the English Department. The instructors were Professors Barker, Bates, Devereux, Fleck, A. K. Hieatt, C. B. Hieatt, House, Kaula, Klinck, Lundgren, Parker, Rajan, Rans, Somerset, Stingle and Woodman. Three of the courses were team-taught. Course registrations in the full-year courses totalled 114, and 34 students enrolled in the half-course in Bibliography. In the summer of 1973, there will be three graduate courses offered by Professors Bandeen, Conron, and F. E. L. Priestley. At present, 29 students are enrolled in these courses. During the past year, there were 28 students in the full-time M. A. programme, 13 in part-time, and three withdrawals. Eight of the M. A. students chose the two-course and thesis programme, the remainder the four-course programme. Ten students were enrolled full-time in their first year of Ph. D. residence, 13 in their second year, and four as part-time registrants in the two years. Of the students in their second residence year, five wrote and passed the qualifying examinations and are now working on their theses. In addition, 24 Ph. D. students were beyond the second residence year, had written their qualifying examinations (with two exceptions), and were working on theses. Eleven M. A. degrees in English were awarded at Fall Convocation, 1972, and twelve at Spring Convocation, 1973. Approximately fifteen students expect to receive the M. A. degree this fall. No Ph. D. degrees were awarded in 1972-73. Students in the Department held the following awards in 1972-73: 18 Canada Council Fellowships (9 new and 9 renewal), 16 Ontario Government Fellowships during the fall and winter terms and 18 during the summer of 1972, and one Commonwealth Fellowship. Forty-eight teaching assistantships were held by graduate students in the Department in 1972-73. Each assistant was required to attend lectures by his supervising professor, give up to three of those lectures himself and conduct a tutorial weekly. The professor visited the tutorial several times, in order to give some professional assistance in teaching. The majority of our graduate students were Canadian, but there were also students from Pakistan, West Indies, United States, New Zealand and Great Britain. Graduates of a large cross-section of Canadian universities were represented among the Canadian students; the remainder had received their earlier training at Oxford, London, Dublin, Nice, Canterbury (N. Z.), Punjab, Columbia, Stanford, Rhode Island, Illinois, Washington State, Oklahoma.

DRAMA WORKSHOP    1972-73

The following is a list of the productions which took place in the Drama Workshop during the past academic year. Please note that attendance figures are only approximate being based on a count taken from the lighting booth during the performances.

Nov. 30, Dec. 1, 2

Attendance: 125

THE HUMAN VOICE by Jean Cocteau, translated by Karl Wildman, directed by George House and starring Aileen Seaton.

This production was the first public performance in the Workshop. An invited audience of about 120 saw a preview performance on November 29 following the official opening by Dr. Williams.

Dec. 7 - 9

Attendance: 330

The Chester Play of HEROD with the Slaughter of the Innocents, directed by Paul G. Baker.

A special children's matinee attracted a large audience.

January 17

Attendance: 100

David Uu and the Isle of Avalon Society from Vancouver in an evening of music, poetry and dance.

February 12

English 332 class production of OTHELLO

February 13

English 38 class with Adelle Wiseman's Doll Show

February 13 - 16

Attendance: 480

Two One-Act Comedies: PLAYING WITH FIRE by August Strindberg and THE ANNIVERSARY by Anton Chekhov, directed by John Lingard.

March 21 - 23

Attendance: 30

A workshop production of PEER GYNT by Henrik Ibsen, directed by Steven King.

March 26

English 332 class production of ANTONY AND CLEOPATRA

March 19 - April 4

Readings from Milton's PARADISE LOST at noon-hour

March 26 - 28

Attendance: 210

BOUSILLE ET LES JUSTES by Gelinas, directed by Alain Goldschlager, produced by the Department of French

April 5 - 6

Attendance: 210

Two one-act plays produced by the Department of Spanish and Italian

April 7

Annual Spring Conference

April 9

"SPEAK 43" - judging of finals for the Speech 43 classes

April 10 - 13

Dramatics 303 final class scenes

## DEPARTMENT OF FINE ART

This year, its sixth, was one of reorganization and appraisal for the Department. During the Fall term a constitution was drafted and a new committee structure initiated, involving faculty more directly in the running of the Department. In the Spring term three outside appraisers visited the Department. Roy Ascott, controversial ex-principal of the Ontario College of Art, was with us from February 5th to February 7th, and Professor Walter Horn, distinguished mediaevalist from the University of California, from March 5th to March 7th, to assess the effectiveness of our undergraduate programs. From March 21st to March 23rd Professor George Knox, Chairman of the Department of Fine Art at U. B. C. studied our Department's chances of mounting a graduate program. The reports of all three will provide useful suggestions for the future development of the Fine Art program.

New courses approved for implementation next year include drawing courses in Third and Fourth Year, and a general course on Canadian Art.

The one full-time position left vacant at last year's end was filled by the appointment of Mr. Paterson Ewen as Lecturer in Painting, and Mr. Brian O'Kelly joined the support staff as Assistant Slide Librarian for a brief but welcome four months. The loss of a part-time Instructor's position unfortunately meant the loss of the outstanding skills of Mr. Jiri Hanzalek as sculptor and teacher.

The addition of the temporary building next door provided much needed extra space for the drawing, painting and basic design studies, as well as a seminar room for the small senior courses.

The Slide Collection reached a total of 45,033, representing an addition of 6,533 slides during the year. Loans to other departments and institutions climbed to 3,866 slides. A new addition to the Department's teaching aids is a small loan collection of artifacts from the Royal Ontario Museum, for use in courses on ancient art and archaeology.

Public lectures offered by the Department included one on Marcel Duchamp by Mr. Brydon Smith of the National Gallery of Canada, and one on Mycenaean art by the archaeologist Mr. Sinclair Hood. In addition, the Resident Artist, Mr. Claude Breeze, spoke on his recent work and Professor Hart gave a lecture on Picasso on April 13th as a joint homage to the late master by the Departments of Spanish and Italian, French, and Fine Art.

Field trips included a bus trip to the Art Gallery of Toronto and the Royal Ontario Museum on November 23rd, and car trip to the Detroit Institute of Art on March 20th. As usual the year ended with an exhibition of student work at the McIntosh Art Gallery March 7 to April 1st. This year it included works from all levels of the Fine Art program.

Exhibitions by members of the studio faculty included the following:

- |              |  |
|--------------|--|
| Arthur Handy | "Ontario Artists at the C. N. E. "<br>Canadian National Exhibition Gallery,<br>Toronto, Ontario, August, 1972. |
| Arthur Handy | "Plastic Fantastic", London Public<br>Library and Art Museum, London,<br>Ontario, September, 1972.             |
| Arthur Handy | "Artists of Ontario", Oakville Public<br>Art Gallery, Oakville, Ontario,<br>October, 1972.                     |
| Arthur Handy | "Artario '72". Simultaneous exhibition<br>of multiples at many centres, October,<br>1972.                      |

Commissions awarded members of studio faculty included:

- |                       |   |
|-----------------------|---|
| Duncan de Kergommeaux | Designs of School Mall and Banners,<br>Carleton County School Board, for<br>Polyvalente School, Orleans, Ontario,<br>July-September, 1972.                              |
| Duncan de Kergommeaux | Winner, Benson & Hedges Art Wall<br>Competition for City of Ottawa, Ottawa,<br>Ontario, September, 1972.  |
| Duncan de Kergommeaux | Design of Banners for Faculty of Social<br>Science Building, and Faculty of Music<br>Building, University of Western Ontario,<br>London, Ontario, February-April, 1973. |

## DEPARTMENT OF FRENCH

The academic year started off under new chairmanship with the appointment of Dr. C. A. Venesoen. For a fourth year, Dr. David Baguley took on the responsibilities and the duties of Assistant to the Chairman. Dr. L. Forsyth was appointed Chairman of Graduate Studies in the Department.

At the undergraduate level a drop in enrollment in the freshman course was compensated by an encouraging registration in the 2nd year honors program. It should also be mentioned that French 2 and French 10 courses drew more registration than expected and necessitated the creation in the fall of two extra sections.



The third year program both for honors students and students with a concentration in French numerically held its own in spite of the Besançon program which had attracted 15 of the best students. Generally speaking, the Besançon program has been rewarding as students' reports have shown. Dr. H. Tuchmaier, on sabbatical leave in 1972-73, kept in close contact with the Besançon students and facilitated domestic matters as well as academic ones.

At the graduate level, registration, both full-time and part-time, shows 33 Ph. D. candidates and 18 M.A. candidates. During the year two Ph. D. students, Mr. R. Fournier and Mrs. S. MacDonald completed the doctoral requirements and received their degrees at the June Convocation. Four students received their Master of Arts at the Spring Convocation as well.

As in previous years, the French Department has been engaged in valuable academic and cultural activities. Professor J. C. Vilquin and Dr. M. H. Ross organized regular showings of French speaking films from France and Québec. Six guest speakers came on campus and added to the enlightenment of French Culture and Literature. The Department of French sponsored the highly appreciated performances of professional theatrical groups as well as of individuals. The season started with a delightful play performed by the Jeunes Comédiens of Québec. This was followed by a brilliant staging of the Barbier de Séville by the Treteau de Paris. During the winter, the Québec singer Angele Arsenault was invited for the enjoyment of her audience. A few weeks later the French Department concluded its program with the presentation of La Sagouine, a one-woman tour de force. The Department also successfully produced a French Canadian play Bousille et les Justes under the direction of Professors Forsyth, Goldschlager and Keypour. Student participation was excellent and very rewarding.

The highlight of the year was the Department Colloquium on Flaubert. Distinguished speakers with international reputations contributed to the success of the colloquium. About 90 people attended the sessions which had been brilliantly organized by Dr. J. B. Sanders assisted by Dr. Z. Youssef and Dr. M. Issacharoff. Among the participants were Monsieur Poli, Conseiller Culturel of the French Embassy of Ottawa, and Monsieur Cauro, attaché culturel of the French Consulate at Toronto.

During the academic year 1972-73, three colleagues of the Department of French, Professors Bush, Tuchmaier and Heller, were on sabbatical leave. In 1973-74 Professors Creighton and Balsé will be on sabbatical leave. Professor Creighton will spend one year at Geneva for his research on 18th Century Literature and Professor Balsé will pursue his research on the Camus writings.

The Department regrets the departure of Dr. M. Holder, Visiting Assistant Professor, who has taken up an appointment at the University of

Windsor. Regrettable also are the departures of Miss E. Nardocchio, Miss M. Kidd and Mr. A. Gann. Their valuable contributions will be long remembered.

### DEPARTMENT OF GERMAN

Departmental enrolment totals were virtually unchanged from 1971-72, with smaller numbers in third and fourth-year honors and certain pass courses counterbalanced by a sharp rise in second-year honors and some improvement in Freshman courses. One M.A. was awarded at the Spring Convocation and two other candidates will receive the M.A. at the Fall Convocation. The Department moved back in the direction of a more structured honors program by advising students in German Language and Literature to include some representation of each of three major periods in their course selections.

An important advance was made in the careful supervision and coordination of instruction by teaching assistants under the direction of Josse Calbert, Günter Hess and Winder McConnell.

Our most important new undertaking was the planning of a year's study in Germany by honors students in the department, beginning in the fall of 1973 at the University of Düsseldorf. Arrangements for this program were worked out by Hanna Spencer during visits to Düsseldorf in the fall and late spring. Four students will be participating in the program in 1973-74, studying entirely under Düsseldorf faculty, and we look forward to an expansion of the program next year.

The Department ambitiously undertook a symposium on "Romanticism Today", October 27 and 28, just a few days before the first of three intensive visits by external appraisers (Oskar Seidlin, Hermann Boeschstein, and Anthony R. Riley). The theme of the symposium was "Romanticism Today". The first session included papers by Raymond Immerwahr ("Romanticism: Past and Present"), Reinhold Grimm ("Romanticism Today: An Outsider's View"), and Ross Woodman ("The Shifting Fortunes of the Romantic Psyche: An Approach to Romanticism Today"). In the second session Mark Boulby spoke on "The Matter of Consciousness: A Romantic Legacy?", and under the title "Jupiter and the Lightning Rod" William S. Hart discussed Romanticism in modern painting with slides. There was lively discussion in both sessions and large and widely distributed attendance by outside visitors, representing many Canadian and U.S. Universities. A few days after the symposium Hildegard Emmel visited our Department to discuss the question "Ist der moderne deutsche Roman sinnvoll aufgebaut".

At the end of November Professor Bruno Snell addressed the first of a series of departmental colloquia on "Die schöne Helena von Homer bis Goethe". Other contributions to this series were: Florian Smieja, "Hochhuth's Soldaten as a Documentary Drama", Paul Adams, "Soll und Haben and Frensen's Klaus Hinrich Baas", Josse Calbert, "Deixis and

the Poet's Sphere of Identification", and Raymond Immerwahr, "Sexual Dichotomy in the Concepts of the Sublime and Beautiful from Burke to Schiller".

In the spring our Department had the privilege of co-sponsoring with Mrs. Gladys Davis and the German Language School, London, a visit and concert by the Tübingen Chamber Orchestra. The splendid concert took place the evening of April 19, but the artists were with us three days, staying in the homes of students, faculty members, and friends in the German-speaking community and making many friends here. Students of our Department, working through their German Club, took an especially active part in the preparations and activities that made this visit an outstanding success. The German Club, with Gordon Tracy as faculty sponsor, was unusually active this year, putting on several well-attended cultural and social events.

In connection with the external appraisal of our Department, Miss Annette Frost, our specialist in Weldon Library, ordered many new books before the freeze took effect and prepared a detailed inventory of periodical and serial holdings, revealing to us much more accurately than heretofore the considerable strengths as well as the weaknesses and gaps in our collections.

The position vacated last year by Gerald Seufert was filled for this past year by Winder McConnell, and Paul Adams spent the year with us as a replacement for Hans-Jürgen Schlütter, on sabbatical leave in Germany. Both these young men, who were concurrently completing their doctoral dissertations, made outstanding contributions to the Department, Mr. McConnell in liaison with Miss Frost on the survey of our library resources, in his course on Medieval Literature, and in the supervision and coordination of the teaching of German I, Mr. Adams in superb teaching of three language classes and in warm and hearty relationships with his students. For the past two years our Department has been privileged to watch the unfolding of a brilliant and distinguished scholarly career in the linguistic research of Josse Calbert. Professor Calbert has also coordinated our language teaching program and strengthened our liaison with the secondary schools. All three of these colleagues will be missed.

In 1972-73 Professor Immerwahr served as Chairman of the Conference of Chairmen of Departments of German at Ontario Universities.

#### DEPARTMENT OF PHILOSOPHY

In 1972-73 there occurred a striking increase in undergraduate philosophy enrolment amounting to some 10 to 25 percent overall, depending on which statistics are used. This appears to be due partly to an increasing popularity of Philosophy 20 in its small section format, partly to the introduction of new courses in the Philosophy of Law, the Philosophy of Education and Critiques of Contemporary Culture, and partly to increased

entry into the honors programs. The new courses will be continued next year.

Nine students graduate this spring in the philosophy honors programs and seven in the general program with concentration in philosophy. There were two University of Western Ontario Gold Medal winners. The pattern continues that the bulk of the department's undergraduate teaching is of students taking philosophy as an option.

The graduate program continued at about the same size as the previous year, with 17 M.A. students and 21 Ph.D. students. Of the latter, five were in the special program in the philosophy of science.

Six M.A. degrees were awarded at convocations during the year, and three Ph.D.'s. At this moment (June, 1973) all but one of the Ph.D.'s has a position for next year in university teaching. Four A.B.D.'s who are expected to complete their degrees in 1973-74 also have such positions.

The Fall Colloquium this year was organized by Professors Freed, Marras and Maynard on Forms of Representation. In the spring, an interdisciplinary workshop on Foundations of Probability and Statistics and Statistical Theories of Science was organized by Professors Hooker and Harper. Both affairs were outstandingly successful.

A notable new development in the department this year was the negotiation with the D. Reidel publishing firm of an arrangement for a new monograph series, University of Western Ontario Studies in the Philosophy of Science under the general editorship of Professor Leach. A number of our colloquium proceedings will appear in the series along with monographs by various writers, both within the department and outside.

This year the department underwent formal appraisal in connection with the change in chairmanship. We were most gratified by the results. In particular, the appraisal confirmed the already widespread impression that the years of department building under the chairmanship of Professor Butts were well spent. He turns over to his successor a strong department with solid undergraduate and graduate programs and a reputation as one of the leading departments in Canada and as a world centre in the special field of the philosophy of science.

#### DEPARTMENT OF RUSSIAN STUDIES

The new Chairman, Dr. K. A. Papmehl, assumed office vice Dr. R. Neuhauser on July 1st, 1972.

As elsewhere within the University, the year 1972-73 in the Department of Russian Studies was marked by the budgetary restraints imposed as a result of generally declining enrolments. Consequently, it was a period of re-assessment and consolidation rather than growth in

those sectors of the Department's activities which were directly affected by the financial restrictions. It is, however, gratifying to note that the enrolment figures within the Department have shown a tendency directly contrary to the general trend: the total number of registrations has increased in relation to the year immediately preceding by something like 12 percent (187 registrations at the end of the academic year, as compared to 165 in 1971-72). The number of honours students remained stable at 10. One of the latter category who is graduating this year (in Russian and Spanish) has qualified for the Graduation Medal and is proceeding towards the M. A. Degree in the Department of Slavic Languages and Literatures at the University of Toronto.

As far as the curriculum is concerned, some minor changes, aimed at strengthening the Honours and Major programmes through a prescribed sequence of courses, were proposed by the Department and approved by the Senate. Also approved were two basic courses in Ukrainian, to be offered in alternate years beginning with 1973-74 which, however, owing to the unavailability of funds for a part-time teaching position, will have - at least in that initial year - to be taught by volunteers, without remuneration. In this connection, the Department takes pleasure in recording its gratitude to Dr. E. B. Roslyckyj and Dr. W. Burghardt for their cooperation and selfless devotion displayed in teaching the Ukrainian courses ad interim (under Russian 496 designation) for the last two academic years.

In the course of the year two members of the Department gave three scholarly addresses at other institutions of higher learning: Dr. R. Neuhauser at the University of East Anglia in Norwich (England), on "Dostoyevsky's Notes from Underground", and at the University of Vienna, Institute of Slavic Philology on "The Young Dostoyevsky"; and Dr. K. A. Pappmehl, at Waterloo University, on "The Image of the West in 19th Century Russian Literature". Owing to budgetary restrictions the Department was unable to invite outside lecturers, and the plans made earlier in this respect had to be abandoned.

Dr. R. Neuhauser, on study leave in Europe during 1972-73, has had a remarkably productive year from the point of view of scholarly output. His two books, Towards the Romantic Age, Essays on Sentimental and Preromantic Literature in Russia, and The Romantic Age in Russian Literature, an Anthology of Original Texts (1800-1850), have been accepted for publication by, respectively, Martinus Nijhoff and Mouton & Co. of The Hague, Netherlands. In addition to delivering the already mentioned scholarly addresses, he has taught - as a Visiting Professor - at the University of Salzburg (Austria), edited a special issue of the Canadian-American Slavic Studies (VI-2, 1972), compiled, edited, and published the Fall 1972 issue of the International Dostoyevsky Society's Bulletin, and had four articles published in various scholarly journals. Dr. G. M. Eramian presented a paper at the Conference of Learned Societies at McGill in 1972, and Dr. K. A. Pappmehl participated in the same conference as Chairman of the Nominating Committee of the Canadian Association of Slavists, and presented a report on the current state of Slavic Studies in Canada and on

the employment prospects in this field.

In the fall of 1972, at the request of the Vice-Principal of Clarke Road High School in London, the Department was able to recommend a teacher of Russian to take charge of a course for Grades XI to XIII at that institution. Two Grade XIII graduates of this course are expected to register at the U.W.O., in Russian language courses, in 1973-74. A close collaboration between the Department and the school in question is being maintained.

Finally, it may be mentioned that, in December, 1972, Dr. Pappmehl and three students from the Department assisted, as interpreters, in the various activities connection with the visit to London of the Soviet hockey team known as "The Moscow Selects", at the request of some members of the local community.

#### DEPARTMENT OF SPANISH AND ITALIAN

The Department showed a decrease in course registrations from 663 during 1971-72 to 559 during the following year. The Italian enrolment rose from 115 to 140, while the Spanish was down from 493 to 387. Graduate registrations (Spanish) were down from 55 to 32. There were, however, 10 M.A. graduands during 1972-73.

During the year the Department rehired Mr. J. E. Diehl to replace Professor A. Marti who was on sabbatical leave. In addition Professor D. Lenardon, of King's College, was hired as part-time lecturer in Italian.

In the academic sphere, the Senate approved the adoption of a new course entitled "Latin American Civilization and Literature in English" (Spanish 37). The course is an introduction to the culture and literature of Latin America--including Brazil--with particular reference to the development of cultural identity and its expression in the contemporary literary scene. The course was created as a response to students' interest in area studies.

In February the Department hosted the Provincial Spanish Contest under the auspices of the Ontario Modern Language Teachers' Association. 101 competitors from high schools throughout the Province took part in the competition, with arrangements handled by Mr. J. E. Diehl. Also, in the field of Secondary School Liaison, Professor W. Flint joined Mr. W. A. Barrill, the University's Secondary School Liaison Officer and others in visiting high schools in Southwestern Ontario; and two Spanish classes from local high schools visited the Department to attend selected classes and speak with various faculty and students.

During the spring it was learned that Professor A. Marti, on sabbatical leave in Spain, had been awarded the "Premio Menéndez Pelayo"

for his book, La preceptiva retórica en el Siglo de Oro. This is an award given by the Spanish Government for what is judged to be the best work published in Spain during a given year in literary criticism. In April Professor F. L. Smieja was elected President of the Ontario Chapter of the American Association of Teachers of Spanish and Portuguese during their meeting at Queen's University. Professor J. Asensio was made Associate Editor of Reflexión 2. On April 13th the Department collaborated with the Departments of French and Fine Art to pay tribute to Pablo Picasso following his death. Professor W. S. Hart of the Department of Fine Art gave an excellent talk entitled "Homage to Picasso".

In addition the Department presented two Spanish plays, "El Retablo de las Maravillas" by Cervantes, directed by Professor J. Asensio and the "Historia de un hombre que se convirtió en perro" by Oscar Dragún, directed by Professor B. W. Munn. The plays were presented in the University College Drama Workshop Theatre with a cast made up of students and faculty.

Because of budgetary restrictions the Department entertained only one visiting lecturer, but the March 29th visit of Professor G. L. Stagg, Chairman of the Department of Italian and Hispanic Studies of the University of Toronto, was a signal success. His excellent talk, "Don Quijote: Part I: The Novel That Just Grewed", was extremely well attended.

### LANGUAGE LABORATORIES

Our only staff change in the academic year 1972-73 was Mrs. Edith Kirsch who joined the Language Laboratories at the start of the year.

I became particularly worried by poor attendance in some laboratory courses after Christmas, and upon investigation found that the lab requirement had been dropped to concentrate on classroom work. The students had been requested to attend labs on their own and in their own time. I was assured that these circumstances were unusual and not an attempt to downgrade the laboratories but simply to focus in on some areas of weakness. I also understand that a much more dedicated approach to lab usage will be apparent in the future now that these problem 'areas of weakness' have been solved.

Mr. A. Vikar, Assistant Director, Language Laboratories, re-wrote the scripts for most of the French 20 teaching tapes during this past year, and his new edition was very well received I understand.

The following is a breakdown of laboratory users by course and number (weekly).

WEEKLY BREAKDOWN OF LABORATORY USERS BY COURSE AND NUMBER

French 2	31
French 10	38
French 20	398
French 31	70
French 41	6
French 271	125
French 381	95 (every 2nd week)
Russian 2	32
Russian 20	19
Polish 2	13
Spanish 2	120
Spanish 20	60
Spanish 21	60
Italian 2	65
German 2	31
German 20	40
German 22	47
Secretarial Science 35	78
Secretarial Science 45	62

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1,390 students

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## SCHOOL OF BUSINESS ADMINISTRATION

## REPORT OF THE DEAN

PROFESSOR J. J. WETTLAUFER

The forward movement of the economy and the opportunities that this thrust provided in the private sector had a positive impact on the many and varied programs of the Business School. The School had major changes in the management of its various programs and in the School itself as well as record-breaking enrolments in both the Undergraduate and M.B.A. Programs. In addition, the Plan for Excellence is providing the kind of support necessary for our faculty to maintain its leadership in research and case development in Canada. The School, under the sponsorship of the Plan for Excellence, published a Case Bibliography this past year of 400 Canadian cases which we make available to educators in Canada and elsewhere.

A review of the highlights of our various programs and activities is contained in the remainder of this report.

ACADEMIC PROGRAMS

The Undergraduate Program showed a substantial increase in size as more students switched their interest to business studies. Applications to the Junior year reached an all time high at 323. The total enrolment was 261 - 147 Juniors and 114 Seniors. There were no major curriculum changes in the Undergraduate Program, and we are currently approaching the maximum size of our Junior enrolment based on faculty and space constraints. Colonel Allan Burton, a member of the Advisory Committee, spearheaded and supported a new concept for the Undergraduate Program. With Col. Burton's encouragement four students between their Junior and Senior years are taking a year out of their studies to serve an internship program with Simpson's Ltd. The plan is to give the students a practical and meaningful experience in order to enrich their experience in the Senior year and to assist them in career planning. This pilot project will be evaluated at the end of its first year in order to determine its degree of success, and what, if any, modifications need to be made. The plan is to gradually expand this internship year by recruiting more companies to participate in it.

The M.B.A. Program increased its intake of M.B.A. 1's in 1972-73 putting the School back on its growth projection of 500 M.B.A. students in total by 1975-76. There were 413 students in 1972-73 - 219 M.B.A. 1's and 194 M.B.A. 11's. In addition to students from all 10 provinces of Canada there were students with the following geographic distribution:

United Kingdom	15
West Indies	14
U.S.A.	9
India	8
Hong Kong	7
Australia	4
China	3
South Africa	3
France	3
Germany	3
Pakistan	2
Japan	2
New Zealand	2

and one each from Kenya, Fiji, Peru, Brazil, Yugoslavia, Venezuela, Norway, Uganda, Iran, Greece and Chile. The high quality of these students from other countries indicate that the Western Business School is building an international reputation as one of the leading North American schools.

The Doctoral Program made considerable progress during the past year with five candidates successfully completing the Program. These candidates and their current academic positions are as follows:

R. M. Couturier	Vice Dean and Professor Faculte des Science de l'Administration Laval University
C. Dipchand	Assistant Professor Department of Commerce Dalhousie University
W. Eberle	Assistant Professor Instituto de Estudios Superiores de la Empresa Barcelona, Spain
K. E. Loucks	Assistant Professor and Director School of Commerce and Administration Laurentian University
H. Prout	Assistant Professor Wilfred Laurier University

In order to convey some order of magnitude to the growth of the major academic programs of the School the following three year comparison of data is presented:

<u>Enrolment</u>	<u>1970-71</u>		<u>1971-72</u>		<u>1972-73</u>	
Juniors	119		122		147	
Seniors	<u>93</u>	212	<u>114</u>	236	<u>114</u>	261
M.B.A. 1	199		198		219	
M.B.A. 11	<u>201</u>	400	<u>190</u>	388	<u>194</u>	413
Doctoral		<u>25</u>		<u>27</u>		<u>27</u>
Totals		<u>637</u>		<u>651</u>		<u>701</u>

#### ORGANIZATIONAL CHANGES

Many changes were made in the organizational structure of the School, all with the objective of strengthening our School for the challenging times ahead. The following were all new appointments as of July 1, 1972 at the School.

- J. N. Fry - Associate Dean (Academic) - replaced W. A. Thompson
- J. F. Graham - Director of Administrative Services - replaced N. M. Armstrong
- C. B. Johnston - Chairman of Continuing Education Programs - replaced  
W. A. Thompson
- J. R. Kennedy - Chairman of the Undergraduate Program - replaced C. B. Johnston
- D. Kuechle - Chairman of the M.B.A. Program - replaced A. Mikalachki

Each of these professors carries a teaching load along with their administrative duties in order to maximize their contribution to the School and to insure the smooth operations of its programs.

In addition, a new Program Management Office was created to supervise admissions and the day-to-day operations of the Undergraduate and M.B.A. Programs. Mr. R. C. Malanchuk, a Lecturer in Business Administration at the School, was appointed Program Manager on January 1, 1973. This will allow the respective Program Chairmen to concentrate on long range curriculum and course development and relieve them of the day-to-day administrative demands of a growing Program.

#### NEW APPOINTMENTS, RESIGNATIONS, ETC.

The following are the changes in the Business School faculty for the coming year:

#### New Appointments

##### Assistant Professors

Bobeles, Kenneth H.  
Brown, William J.  
Jensen, J. M.  
More, Roger A.  
Pearce, M. (effective January 1, 1974)  
Piper, C. (effective January 1, 1974)

##### Lecturers

Lewis, Richard F.  
Morgan, Ivor  
Osborn, David E.

##### Instructors

Lefebvre, Ronald  
Richardson, Olga

#### Promotions

Bishop, P. M. - Assistant to Associate Professor with Tenure  
Fry, J. N. - Associate to Full Professor  
Kuechle, D. - Associate to Full Professor  
Wrigley, L. - Lecturer to Associate Professor with Tenure

#### Leave-of-Absence

Associate Professor Kenneth Hardy - one year to teach on the Faculty of North European Management Institute at Oslo, Norway

Professor A. Mikalachki - one year to teach on the Faculty of I.M.E.D.E. at Lausanne, Switzerland

#### Full-Time Research

Professor A. A. Grindlay  
Associate Professor L. Wrigley

abattical

Professor J. McDougall - Six months (January 1, 1974 until June 30, 1974) to do a special study on the role and responsibility of corporate directors.

retirement

Assistant Professor Fraser Rowland

resignationsAssociate Professors

Kirkham, Peter

Assistant Professors

McKibben, Walter

McLeavey, Dennis

Lecturers

Lambert, Douglas

Marples, Lynn

Oliver, Dale

THE PLAN FOR EXCELLENCE

The second year of funding research, case development, doctoral studies and the Associates' Workshop was completed April 30, 1973 under the Plan for Excellence. A number of new companies were recruited by Mr. J. E. Brent and Dean J. J. Wettlaufer to join the Plan and became Associates. These companies recruited during the year ending April 30, 1973 were:

Arthur Anderson & Co.  
 Finning Tractor and Equipment Co. Ltd.  
 Greenshields, Inc.  
 H. J. Heinz Co. of Canada Ltd.  
 Kraft Foods Ltd.  
 MacLean-Hunter Ltd.  
 Massey-Ferguson Industries Ltd.  
 Midland-Osler Securities Ltd.  
 Nestle (Canada) Ltd.  
 Pepsi-Cola Canada Ltd.  
 Warner-Lambert Canada Ltd.

The Plan for Excellence has been a tremendous success. In order to maintain the momentum of the Plan it will be necessary to begin making pledge renewal calls in the early part of 1974 in order to sustain the funding of the research and doctoral programs at the Western Business School. Planning is currently underway to develop a program of call-backs as company pledges run out.

RESEARCH AND PUBLICATIONS

The accomplishments of this year's activities in our research activities are highlighted as follows:

Western Associates' Workshop in Business Research

During the summer of 1972, eight fellowship winners, four from Western and four from other Universities, were in residence in London for 12 weeks. The fellowships

re awarded after reviewing competitive proposals which may be submitted by faculty members at any Canadian business school. The awards committee consisted of Dr. W. J. tenason for the Advisory Committee, Professor J. N. Fry (Western) and Professor Henry O. Helmers (Queen's).

The 1972 Workshop has already resulted in six Working Papers and several articles submitted for publication. During the period of residence, each member of the Workshop also made at least one seminar presentation to his colleagues.

#### Associates' Research Day

The fourth Associates' Research Day was held in Toronto on May 4, 1973. Fourteen faculty presented papers to 100 businessmen. Representatives who have attended other sessions remarked that this year's session was the best to date and appreciated the change in location from London to Toronto.

#### Research Output

The following table summarizes the research output of the faculty over the past three budget periods:

	<u>Number of Items</u>		
	<u>1970/71</u>	<u>1971/72</u>	<u>1972/73</u>
Books	1	3	2
Research Monographs	3	1	5
Articles in Professional Journals	27	23	24
Working Papers	31	21	19

#### Case Development

Case development activities were at an all-time high in 1972/73 as is shown in the following table:

<u>1968/69</u>	<u>Number of Cases Registered</u>			
	<u>1969/70</u>	<u>1970/71</u>	<u>1971/72</u>	<u>1972/73</u>
63	79	90	107	154

#### Research Grants

Faculty are responsible for securing all possible grant support to supplement associates' funds. In the 1971/72 period grants totalling \$112,000. were received from the following sources: (1) Department of Industry, Trade and Commerce; (2) Department of Energy, Mines and Resources; (3) Canadian Advertising Advisory Board; (4) Samuel Bronfman Foundation; and (5) Federal Treasury Board.

#### CONTINUING EDUCATION PROGRAMS

The Continuing Education Programs of the School, both regular and special programs, continue to provide stimulating and successful management development programs for Canadian and overseas managers. For the first time there were two women among the participants in the three week Marketing Management Course. The following comparative data on enrolments indicates the progress made by this sphere of our activities:

	<u>1970-71</u>	<u>1971-72</u>	<u>1972-73</u>
<u>Regular Programs</u>			
Management Training	99	108	126
Marketing Management	87	103	124
Production and Operations Management	22	41	52
Computer and the Manager	24	39	27
Business Conference	190	207	150
<u>Special Programs</u>			
Achievement Motivation Training	-	25	-
Commercial Union International Management Course	-	71	-
Product Testing Symposium	-	43	-
New Product Development Symposium	-	50	-

#### THE U.W.I. - U.W.O. - C.I.D.A. PROJECT

Under the able leadership of Professor W. A. Thompson, the Project Director, the project is in its first full year of operation. During the 1972-73 period the Business School:

1. Recruited two faculty members for the Trinidad campus.
2. Released one of the Business School professors to be a Visiting Professor at the Mona campus.
3. Had eight students from the West Indies on scholarship in the M.B.A. Program.
4. Had two U.W.I. professors, one from the Jamaican campus for eight months and one from the Trinidad campus for four months as Visiting Scholars at the Business School.
5. Gave advice and recommendations on the plans for the physical facilities to be built to house the management studies programs in both Jamaica and Trinidad.

#### SMALL BUSINESS ASSISTANCE PROGRAM

For the first time last year the Ministry of Industry and Tourism and Imperial Oil Ltd. funded a \$30,000. pilot project through the Western Business School to offer low cost consulting assistance to small Canadian owned businesses in the London region.

A three-man Faculty Advisory Committee composed of Professors G. Forsyth, J. F. Graham and J. R. Kennedy supervised 10 M.B.A. 1 students throughout the May - August period of the project. Thirty-seven successful consulting jobs were completed and a formal report by the whole project group was made to the Honourable John White, Minister of Industry and Tourism, in October 1972.

The results of this pilot project were so encouraging that the Ministry of Industry and Tourism is not only funding another larger project at the Western Business School for 1973 but is also funding a 10 man team at Queen's University Business School.

This project, which was proposed to the Ontario government by Professors C. B. Johnston and D. Burgoyne, is a good example of the creative leadership role and the missionary spirit that characterizes the Business School at the University of Western Ontario.

#### THE COMPUTER CENTRE

The strong trend toward increased use of interactive computing continued in 1972-73 as students logged more than 10,000 hours at the terminals of our Hewlett-Packard 2000A Time-Sharing System. To keep up with this 30% workload increase a

second portable terminal was purchased, bringing system support to 14 users simultaneously. In the summer the terminals are moved to Medway Hall so that every student on our Continuing Education Program courses use the computer as an aid to decision-making. About 20 cases now have computer-aided analysis programs developed at the Western Business School.

To some extent time-sharing has reduced the load on our IBM 1130 batch processing facility. Turnaround time has been cut and overnight computing runs virtually eliminated, as usage dropped to an average of one shift per day.

Both computers were used in support of the Small Business Assistance Program and an Opportunities for Youth study of the Kettle Point Indian Reserve. During the fall term Professor Bishop's Management of Financial Assets classes matched wits against the stock market, using the IBM 1130 operating with locally developed software as their broker.

### JOB PLACEMENT PROGRAM

The upsurge of the economy this past year is clearly reflected in the data on our Placement Program. These statistics do not reflect the total picture though because we encourage our students to seek employment on their own initiative; in addition, each year greater numbers of employers are using pre-screening procedures before coming to interview. This not only sharpens the selection process, but frequently cuts down on the number of interviews that will be done.

The following is a summary of placement statistics for the past three years. It is interesting to note that salaries for M.B.A.'s increased by 6% in 1972-73 as contrasted to only 3% in 1971-72:

	<u>1970-71</u>	<u>1971-72</u>	<u>1972-73</u>
Number of Companies Recruiting	142	124	136
Interviews for:			
MBA Graduates	1,551	1,352	1,643
BA Graduates	585	685	981
Summer Employment	372	182	348
Mean Salary:			
MBA Graduates	\$11,879.	\$12,221.	\$12,943. *
BA Graduates	7,851.	8,745.	8,686. *

\* these figures are as of June 1, 1973.

In addition, an International Placement Committee was established to stimulate the opportunities for employment of our graduates in foreign countries.

### GILLETTE LECTURE SERIES

Dr. Margaret Mead, the world famous anthropologist and authoress of many scholarly and popular books, was the 1973 Gillette Lecturer. Dr. Mead followed a series of outstanding and controversial authorities in various fields who have lectured on the Gillette Series which is sponsored by the Gillette Company of Canada: Professor John Porter in 1969 (sociologist); Professor Marshall McLuhan in 1970 (media prophet); Buckminster Fuller in 1971 (architect and world philosopher); and Alvin Toffler in 1972 (author and futurist).

Over 2,000 people from the University and the London community heard Dr. Mead's provocative and challenging public presentation. Her other seminars at the Business School were crammed with interested students. This series has been extremely successful and makes a major contribution to the cultural life of the whole of London and district.

### THE BUSINESS QUARTERLY

The Business Quarterly, celebrating its 40th year of continuous publication, showed a renewal rate of 70 per cent for paid subscribers and a substantial increase in advertising for 1972, reflecting the accelerating acceptance of the magazine as Canada's leading management journal.

Forty-eight publishers of text books and business publications requested permission to reprint editorial material. These included permission to translate articles in German, French and Spanish to appear in European business publications. In addition, 23,300 reprints of articles were purchased by individuals and institutions wishing to use the material to further business education.

Approximately 37,000 copies of the magazine were distributed. Thirty-eight articles were published in addition to 21 regular features. Five of these articles were written by faculty members of this University; the balance by men in government, other universities and the business community.

An unusually large number of unsolicited, high-quality articles were received thus assuring a supply of exceptional material to augment the editorial content of the magazine which is now written specifically for each issue. Outstanding Canadian artists have especially designed a series of covers which will continue to appear over the next year.

### FACULTY AND STAFF HONOURS, ETC.

#### Honorary Degrees

Professor Walter A. Thompson, LL.D., York University

#### Awards

Associate Professor Christoph Haehling von Lanzener received the Karl-Guth Award for his monograph "Operations Research and betriebliche Entscheidungsprobleme" (publisher Fritz Knapp Verlag)

Assistant Professor Adrian Ryans' dissertation received the American Marketing Association's Doctoral Dissertation Award for 1973.

#### Honours

Dean J. J. Wettlaufer was made an Honorary Fellow of the Institute of Canadian Bankers.

#### Directorships

Dean J. J. Wettlaufer was elected to the Board of Directors of S. C. Johnson & Son, Ltd.

Dean J. J. Wettlaufer was appointed to the Board of Directors of London Chamber of Commerce.

Mrs. Doreen Sanders, Editor of The Business Quarterly, was appointed to the Humber College Journalism Advisory Committee.



Mrs. Doreen Sanders, Editor of The Business Quarterly, was re-elected President of The Business Press Editors Association, and was re-elected to the Board of the Canadian Business Press.

#### Positions Held in Learned Societies

Associate Professor Kenneth Hardy was elected Chairman, Marketing Division, of the Canadian Association of Administrative Sciences for the 1973-74 year.

#### Service to the Academic Community

Associate Professor Barry E. Hicks was a Visiting Professor at the University of the West Indies from January 1, 1973 - April 15, 1973.

Associate Professor J. J. DiStefano was re-elected to a six year term on the Board of Trustees, Rensselaer Polytechnic Institute.

#### INTERNATIONAL BUSINESS CLUB

During the 1972-73 year the International Business Club had three outstanding speakers visit the campus to give talks and seminars on operating a business in the international environment. These speakers were:

Mr. Bruce Marshall,  
Senior Vice-President,  
International Division,  
Bank of Montreal,  
Montreal, Quebec.

Mr. J. L. McPherson,  
Vice President Finance & Administration,  
Placer Development,  
Vancouver, B.C.

Mr. C. I. Rathgeb,  
President,  
Comstock International,  
Toronto, Ontario.

#### THE MARKETING CLUB

The guest speakers for the Marketing Club during the past year were drawn from all facets of marketing. These speakers were:

Mr. Mel Lastman,  
President,  
Bad Boy,  
Toronto, Ontario.

Dr. I. Gilman,  
President,  
Analytical Research Institute,  
New York, N. Y.

Mr. Donald Gibson,  
Vice-President and General Manager,  
General Foods Ltd.,  
Toronto, Ontario.

Professor Peter Zarry,  
York University,  
Toronto, Ontario.

Mr. Lynn Helpard,  
President,  
Canadian Advertising and Sales Association,  
Montreal, Quebec.

ADMINISTRATIVE MATTERS - ACADEMIC

The Faculty was privileged to be visited by the Canadian Dental Association's Council on Education's Survey Team in October 1971. The Chairman of the team was Dr. Murray A. Rogers, formerly of the Faculty of Dentistry at McGill University. His colleagues were Dr. Norman A. Thomas, Professor of Oral Surgery, Faculty of Dentistry, University of Alberta, and Dr. Howard A. Smith, a highly respected and experienced clinician and a member of the part-time clinical staff of the Faculty at University of the West Indies, Trinidad. The survey team report was, in the interim, reviewed by the Survey Policy Committee of Council on October 15, 1971, and by the Council itself. It is a pleasure to report that the undergraduate dental program offered by this Faculty received the accolade of "excellent". This accolade is in form for a period of three years to come and it will be expected that the Faculty will have re-evaluation of its undergraduate program.

The various comments and recommendations contained in the report are the subject of a separate memorandum and departmental action is being initiated. Within a year from the date of the receipt of the report, a general revision to be transmitted to the Subcommittee of the Council on Education.

The Faculty is most grateful to Dr. Rogers and his colleagues for a thorough and helpful report.

GRADUATE PROGRAMS IN DENTISTRY

It is with considerable satisfaction that the Faculty is able to announce that the proposed graduate program in Orthodontics cleared all provincial hurdles and is scheduled to begin on Tuesday, 3 July 1972. On 21 October 1971, the report of the Special Admissions Committee on the proposed Graduate Program in Orthodontics was ratified by the parent body, the Ontario Council for Graduate Studies. Subsequently, the requisite financial support was required, partly through a most generous grant of \$14,200 from the Richard and Jean Troy Fund.

FACULTY OF DENTISTRY

Report of the Dean

DR. WESLEY J. DUNNACCREDITATION STATUS -- APPROVED

The Faculty was privileged to be visited by the Canadian Dental Association's Council on Education's Survey Team in October 1972. The Chairman of the Team was Dr. Mervyn A. Rogers, formerly of the Faculty of Dentistry of McGill University. His colleagues were Dr. Norman A. Thomas, Professor of Oral Biology, Faculty of Dentistry, University of Alberta, and Dr. Michael A. Lucyk, a highly knowledgeable and experienced clinician and a member of the part-time clinical staff of the Faculty of Dentistry of the University of Toronto. The Survey Team report was, in due course, reviewed by the Survey Policy Committee of Council and then, in late March, by the Council itself. It is a pleasure to report that the undergraduate dental program offered by this Faculty received the accreditation status of "approval." This status is in force for a period of five years at which time it will be expected that the Faculty will seek re-evaluation of its undergraduate program.

The various comments and recommendations contained in the report are now under study by appropriate committees and departments within the Faculty to enable, within a year from the date of the receipt of the report, a general response to be transmitted to the Secretariat of the Council on Education.

The Faculty is most grateful to Dr. Rogers and his colleagues for a generous and helpful report.

GRADUATE PROGRAM IN ORTHODONTICS

It is with considerable satisfaction that the Faculty is able to announce that the proposed graduate program in Orthodontics cleared all academic hurdles and is scheduled to begin on Tuesday, 3 July 1973. On 20 October 1972, the report of the External Appraisals Committee on the proposed Graduate Program in Orthodontics was ratified by the parent body, the Ontario Council for Graduate Studies. Subsequently, the requisite financial support was acquired, partly through a most generous grant of \$14,200 from the Richard and Jean Ivey Fund.

The development of the graduate program from conception to the enrolment of the first four students took approximately three years. Dr. W. S. Hunter, Professor and Chairman of the Division of Orthodontics, especially, worked most assiduously to achieve this development. The Faculty offers its congratulations to him, to Dr. W. H. Feasby, the Chairman of the Department of Paediatric Dentistry, and to all associated with them in achieving this further step in this Faculty's academic progress.

### CONTINUING EDUCATION

The Committee on Continuing Education presented a very comprehensive report bearing on the future of continuing education within the Faculty. The committee presented several recommendations bearing on long-term planning and these were approved, in principle, by the Council. The approved recommendations were as follows:

- (a) That an area of continuing dental education be established in the Faculty of Dentistry, The University of Western Ontario, with at least departmental status or preferably above departmental status;
- (b) that a full-time appointment be made to head this area--a Director of Continuing Education;
- (c) that this person have advanced training in higher or adult education;
- (d) that continuing education be the major responsibility of the person so appointed in association with an advisory committee composed of the clinical departmental chairmen, senior representative from basic science, and the clinical director;
- (e) that this area be funded externally either through a foundation or general university funds until it can become self-supporting;
- (f) that appropriate secretarial and administrative facilities be made available for the efficient execution of all matters relating to continuing education;
- (g) that the head of this area be a member of the CUDC and Executive Committee in the Faculty of Dentistry and also the faculty representative to all committees involving continuing education in the health sciences both inside and outside the Faculty, and

- (h) that the above be implemented as soon as possible.

There were some short-term or interim recommendations as well and these, too, were accepted, in principle:

- (a) That the continuing education program be fiscally planned on an over-all basis rather than an individual course self-liquidating principle;
- (b) that, initially, funding be made available to the extent of \$1,500 through University and/or Faculty sources until this continuing education responsibility becomes self-supporting financially within the Faculty of Dentistry, and
- (c) that it be placed on record in the appropriate manner that the faculty, both collectively and individually, accept a firm commitment to continuing education as part of their over-all academic responsibility.

#### CONTINUING EDUCATION PROGRAM - 1971-1972

Ten Continuing Education courses were mounted during the 1971-1972 academic year. Most of the courses were over-subscribed and, in all, there were 184 participants.

During the same period fourteen extramural lectures were presented by members of the Faculty to dental societies in the Province of Ontario.

In addition to the above, members of Faculty presented some twenty scholarly addresses during the year.

#### TEACHING CONFERENCE - 1972

A highly successful Teaching Conference, with 25 registrants, was held on 28 and 29 June 1972 in facilities provided by the School of Business Administration. The Conference was led by Professor Merle Englander of Indiana University. Other speakers included Drs. I.D.F. Schofield, D. G. Montemurro, S. Kogon, J. R. Trevithick and A. W. Eastwood. Dr. G. Z. Wright was the Chairman of the organizing committee.

The Conference concerned itself, primarily, with educational psychology. Towards the end, the registrants were divided into three groups to identify problems and suggest changes which might lead to improvement of the

educational process in the Faculty of Dentistry. It was decided that a greater attempt should be made to ascertain the nature of the end product of our educational system or the quality of our future graduates. It was brought to the attention of the Conference participants that there was a need to provide an "overview program," that is a program to expose first year dental students to more clinical dentistry to assist them to identify the relationship between the basic and clinical sciences. Other topics considered were staff-student relationships and specifying clinical objectives.

Several recommendations arising from the Conference were ultimately approved by Council. Probably the most important was the establishment, under the aegis of the Committee on Undergraduate Dental Curriculum, of an ad hoc Committee on the Future Delivery of Dental Health Services and Its Implications on the Dental Curriculum. This committee will attempt to identify the role of the dental graduate in the near future with respect to the delivery of dental care and define the educational components necessary to produce a dental graduate for that environment. It will also attempt to identify any shortcomings of the content of the present curriculum with respect to the delivery of dental health care. It will attempt to examine the current timetable with respect to sequence and relevance of educational components in the present curriculum. And it will recommend any changes in sequencing and/or content of the current curriculum.

The Teaching Conference also recommended that the Dental Students' Society investigate the need for individual staff-student communication. If such a need exists, recommendations for a communication system should be made to the Faculty Council.

Another recommendation bore upon the need to describe and publish for student use the essentials necessary for obtaining a passing grade for each clinical division. The Committee on Clinical Policy is undertaking this task.

Also of great importance was the recommendation that a Standing Committee, the "Committee on Teaching Methods and Materials," be established with the following five terms of reference:

- to arrange any future teaching conferences for the Faculty of Dentistry;
- to select a representative from the committee to represent the Faculty on the Sub-Committee on Instructional Resources;

- to select a representative from the committee to represent the Faculty on the Health Sciences Education Committee;
- to provide the Faculty with information regarding courses being presented elsewhere in dental paedogogy, and
- to identify and inform the Faculty of any innovations in dental education.

### McLEISH REPORT

On 20 June 1972 the Council of the Faculty acted definitively on the recommendations of the McLeish Report. The title of the report was "Dental Education for the Seventies." The Committee on Undergraduate Dental Curriculum had earlier considered the thirty-three recommendations and where it was necessary to refine them in practical terms the committee did so. As a consequence, Council was able to take definitive actions in respect of all recommendations to the end that most of the recommendations contained in the McLeish Report have either been implemented within the Faculty or are being developed as expeditiously as circumstances will permit.

The McLeish Report has served as an excellent curricular catalyst within this Faculty.

### CURRICULUM

The Committee on Undergraduate Dental Curriculum (CUDC) accepted a two-year schedule proposed by the Sub-Committee on Interdepartmental Teaching for implementation in September, 1973. The Committee also approved the replacement of Second Year Oral Biology program by an integrated course in Neuroanatomy and Neurophysiology commencing with September, 1974. The objective of the proposed structure is standardization of the interdepartmental teaching program so that the participants will be aware, not only of what is being covered in the current year, but also the schedule of the following year.

The program is divided into two components, "integrated" and "seminar" sessions. "Integrated" sessions refer to subject-oriented series such as Occlusion or Oral Cancer and imply that a course coordinator or manager will be responsible for organizing all of these sessions. Any change in the content of the program will be initiated by the course coordinator or manager and will be approved by the Sub-Committee on Interdepartmental Teaching and the CUDC.

"Seminar" components of the program will continue to be the responsibility of the Sub-Committee on Interdepartmental Teaching, as at present. They will consist of a series of one-session topics. A change in the seminar sessions will be initiated by the Committee itself.

#### Program of Third Quarter, Fourth Year

It was approved that an Essay Project would be required of all students not awarded an Area of Concentration. Each department will be asked to submit five essay topics with the examiners designated. No more than two students will be permitted to select a given essay topic. The essay will be ten double-spaced pages in length, including the bibliography. As an alternative, a student may elect to present a ten minute paper.

#### FREQUENCY OF FORMAL TESTING

Acting on the occasional comment received by students, Council requested its Committee on Undergraduate Dental Curriculum to give a quantitative review to the formal testing within the Faculty and to report any recommendations bearing thereon to the Council. The Committee undertook a survey of the frequency of term tests and agreed that the number of tests given by departments was not excessive. No further action was taken.

#### AREAS OF CONCENTRATION 1972-73

Eleven students were accepted for the Areas of Concentration program. Subsequently, two withdrew because of academic conflicts. Hence, nine students completed an Area of Concentration activity.

The area of "advanced clinical pursuits" was further defined. The sub-committee responsible for the Areas of Concentration Program interprets the purpose of areas of concentration as requiring some investigative component. While advanced clinical experience should, wherever possible, include an investigative component such is not to be required in every case.

One of the difficulties of the Areas of Concentration was identified by students who were incapable of ascertaining that there had been a concomitant reduction in clinical responsibilities to permit the necessary time for the Areas of Concentration activity. It was, therefore, requested that all clinical divisions reduce patient load (or clinical requirements) by 20 per cent for students who were granted Areas of Concentration privileges. The remainder of the class will participate fully in the normal activities of the fourth year.



## SCHOLARSHIPS AND AWARDS

The following awards were established in the Faculty of Dentistry during the 1972-1973 academic year:

### American Dental Society of Anaesthesiology Award:

This award is conferred annually on the recommendation of the Department of Oral Surgery to the Third Year student who is judged to be most proficient in anaesthesiology. The award consists of a certificate.

### Johnson and Johnson Award:

This award is conferred annually on the recommendation of the Department of Restorative Dentistry to the Second Year student who displays the highest degree of competence in Operative Dentistry. The award consists of a certificate and One Hundred and Fifty Dollars.

### Johnson and Johnson Award:

This award is conferred annually on the recommendation of the Department of Restorative Dentistry to the Fourth Year student who displays the highest degree of competence in Operative Dentistry. The award consists of a certificate and One Hundred and Fifty Dollars.

### UWO Faculty Association Award:

This award is presented annually on the recommendation of the Examinations Committee to a first year student who shows excellence in the basic science and clinical science subjects of the first year. The award consists of a certificate and One Hundred Dollars.

### Cooper Laboratories Award:

This award consists of two bursaries, one in the amount of One Hundred and Fifty Dollars and the other in the amount of One Hundred Dollars. These bursaries may be awarded to second, third and/or fourth year students of the course. Academic standing must be satisfactory and there must be a demonstrated financial need.

### IN COURSE BACCALAUREATE

It is with regret that it must be reported that the Faculty's recommendation which would have enabled the acquisition of a baccalaureate degree while enrolled in the professional program was rejected by the Senate Committee on Admissions and Academic Programs Policy and ultimately by the Senate itself. The Faculty's proposal would have made it possible for a dental student, who had taken his pre-dental preparation at Western, to earn credits for basic science programs in first and second year such as when added to those acquired prior to dentistry would have enabled him to earn a Bachelor's degree. Despite the opposing recommendation from SCAAPP, this Senate Committee has given deep thought and careful consideration to the proposal before presenting its own views, for ratification, in the following recommendation:

"That registration in a 'professional' program shall preclude use of courses in that program for completion of graduation requirements in programs leading to B.A. and B.Sc. degrees.

Advanced standing in B.A. or B.Sc. programs may be granted for studies completed in a 'professional' program if registration in the 'professional' program is renounced and application for transfer to a B.A. or B.Sc. program is made."

### PROFESSIONAL CONDUCT

A committee consisting of two full-time members of faculty and a senior student has been formed to attempt to define and codify professional conduct. The project which had its genesis within the Department of Paediatric Dentistry, has been given high priority because a professional person's integrity is his most important attribute. This Faculty, in effect, releases its students upon the public without further examination. As a Faculty we should require exemplary conduct from our students and this standard may exceed that required of students in non-professional programs. As licensed professionals it was the considered view of the members of the Faculty that we should show leadership in professional conduct by example, by defining unprofessional conduct, and by defining sanctions, where possible, before the act. The Committee is, at present, engaged in its deliberations.

### UTILIZATION OF AUXILIARY PERSONNEL

As a consequence of recommendation 26 of the McLeish Report, Council approved the establishment of a standing Committee on the Utilization of Auxiliary Personnel. The committee consists of three full-time teachers from clinical departments and the task of the committee is to advise on and assist in the co-ordination of an integrated program for the utilization of dental auxiliaries. The committee has recommended that initially this program employ a group of experienced dental assistants to be assigned to "special units" through which students will rotate. Additionally, the committee is to investigate the expanded roles of auxiliaries and employ such auxiliaries when they become available.

Because of severe budgetary constraints the committee has not, as yet, been able to engage the requisite number of auxiliaries to perform the services anticipated. The committee is, however, assiduously directing itself to its responsibilities in the hope that effective recommendations may transpire.

### FIRST YEAR CLASS SIZE

Again, this year, the Faculty directed itself to a consideration of first year class size. There continues to be an interest in exerting every possible effort to assure a graduating class of at least 52. Recognizing that there are withdrawals for one reason or another it was decided to enrol a first year class of 56 in September 1973.

### DENTAL HYGIENE PROGRAM

During the year, the Faculty was advised by the Ministry of Colleges and Universities that financing for the proposed baccalaureate program for dental hygiene would not be forthcoming. The Ministry has taken a policy decision that dental hygiene programs will be mounted in Colleges of Applied Arts and Technology.

On 16 April 1973, a meeting of the Faculty's Clinical Policy Committee took place with representatives of Fanshawe College. Fanshawe proposes to seek authority from the Ministry of Colleges and Universities to mount a program in dental hygiene utilizing the clinical facilities of the Dental Sciences Building. Following a frank discussion with the representatives of Fanshawe College it was agreed that the Faculty of Dentistry would support Fanshawe College's application with two provisos:

- (a) Western's involvement would be without prejudice to any future plans in respect of a possible extension of our undergraduate program,
- (b) our involvement is contingent upon the development of a co-ordinated, integrated program in which the Faculty of Dentistry and Fanshawe College, in concert, develop the course of study and nature and extent of the clinical content.

It is regretted that the Faculty will not be able to mount its own program because there is general agreement there should be a limited number of baccalaureate programs for dental hygiene in Canada.

#### UNIVERSITY HOSPITAL

After many years of planning and building, University Hospital was officially opened on September 21st, 1972. The Hospital represents a magnificent achievement for all those who were engaged in its planning and in the execution of the plans.

Dr. I. D. F. Schofield, the first Chief of Dentistry at University Hospital resigned this post and has been succeeded by Dr. R. I. Brooke, Chairman of the Department of Oral Medicine.

#### ORAL SURGERY IN LONDON HOSPITALS

The Department of Oral Surgery has been able to develop viable oral surgical services within the three teaching hospitals affiliated with the university--St. Joseph's, University, and Victoria. There is now one full-time oral surgeon to take primary responsibility for each hospital. Through a system of cross consulting appointments a 24 hour/365 day emergency service is now available. From this coverage it will now be possible to work towards a graduate program.

#### MRC VISITING PROFESSOR

The Faculty was privileged to have Dr. Israel Kleinberg, Professor of Oral Biology (Biochemistry), of the Faculty of Dentistry of the University of Manitoba, as its Visiting Professor during the week of 21 November 1972. Dr. Kleinberg also delivered the Annual Public Lecture.

The Faculty is grateful to the Medical Research Council for making the very valuable services of an MRC Visiting Professor available each year.

DR. P. G. DELLOW APPOINTED MRC VISITING SCIENTIST

Dr. P. G. Dellow, Professor of Physiology, was appointed an MRC Visiting Scientist to the University of British Columbia for the 1973-74 academic year. The Faculty extends congratulations to Dr. Dellow on his well-deserved recognition.

AWARDS, HONOURS, APPOINTMENTS AND ACHIEVEMENTS

- Drs. R. I. Brooke and A. Ruprecht have played leading roles in the establishment of Academies of Oral Medicine and Oral Radiology in Canada.
- Dr. R. I. Brooke has been elected a Fellow of the Canadian Academy of Oral Pathology.
- Dr. A. Ruprecht was made the Founder Secretary of the Canadian Academy of Oral Radiology and is Chairman of the ad hoc Committee on Specialty Recognition of that Academy. He was also appointed Founder Secretary-Treasurer of the Ontario Society of Oral Radiology and appointed Chairman of its ad hoc Committee for Specialty and Specialists' Recognition.
- Dr. S. L. Kogon has served as a member of the working group on Forensic Odontology of the Committee on Dental Research of the Federation Dentaire Internationale and is preparing a textbook on Forensic Odontology with members of the Canadian Society of Forensic Sciences.
- Dr. A. G. Parnell is Chairman of the Hospital Services Committee of the Ontario Dental Association, a member of the Hospital Services Committee of the Canadian Dental Association, and is Chairman of the Dental Services Committee of the Canadian Society of Oral Surgeons.
- Dr. J. E. Ryan and Dr. W. R. Teteruck became Examiners for the National Dental Examining Board of Canada.
- Dr. L. N. Johnson was made Editor of the Dental Materials Group of the International Association for Dental Research.
- Dr. B. P. Martinello was appointed consultant and part-time director, Public Health Dentistry, Kent-Chatham Health Unit.
- Dr. D. W. Banting became consultant, Dental Health Care Services and Epidemiology Research Unit, Faculty of Dentistry, University of Toronto.

---Dean Wesley J. Dunn was a member of the Ontario Ministry of Health Advisory Committee on Dental Technologists and on Denture Therapists. He was appointed to membership on the Denture Therapists Licensing Board. He was elected Chairman of the Ontario Council of University Health Sciences.

#### RESIGNATION OF VICE-PRESIDENT (HEALTH SCIENCES)

Dr. O. H. Warwick, Western's first Vice-President (Health Sciences), resigned his post on 31 December 1972. The Faculty of Dentistry owes an almost unrepayable debt to Dr. Warwick for his participating interest and total involvement in the development of this school. The Faculty couples its expression of regret with its warmest good wishes to Dr. Warwick as he resumes full-time teaching and clinical practice following his return from study leave.

The Faculty is pleased that Dr. Douglas Bocking, Dean of Medicine, has been appointed Acting Vice-President (Health Sciences).

ALTHOUSE COLLEGE OF EDUCATION

Report of the Dean

DR. ERNEST STABLER

It is always tempting to stress only new developments as the significant events of a college year and to neglect our regular, main-stream enterprise. The fact that we worked with over 700 young people who were preparing for their first teaching positions, and with well over 1000 practising teachers in their professional development is the most significant single item in this report. The new departures delineated below reflect our concern to carry on that work more effectively but in new designs and patterns. These departures reveal on the one hand a need to re-examine our diploma program with a view to integrating its various components, and at the same time, diversify our work so that we may, in a period of teacher surplus, devote less of our time and energy to the initial preparation of teachers.

On May 25, almost two years to the day since earlier negotiations were suspended, the Honourable Thomas Wells, Minister of Education, announced in the Legislature the details of a Master Plan for teacher education in Ontario and indicated that he was prepared to negotiate with this university concerning the integration of London Teachers' College. Dormant committees sprang into life and meetings with Ministry officials were arranged with a view to preparing the legal Agreement under which the staff, students and fabric of London Teachers' College would become a part of the University on September 1, 1973. Behind

the legal aspects, however, was a mood of acceptance for the principle of integrating elementary and secondary teacher education in one program.

A clear sign of this concern was reflected in a series of meetings of a small group of Althouse faculty which began under the kind of alchemy that brings people with a common concern together. The group gradually developed plans for an integrated program for students in the departments of general science, guidance, physical education, music, and elementary education. By the end of the year the Althouse Integrated Teacher Education Program (AITEP) was approved by the Faculty Council, and the group met throughout May and June to devise strategies for a program that would integrate not only elementary and secondary training components but also bring together in new relationships the foundations and the curriculum and instruction faculty.

Throughout the year another group from Althouse and other sectors of the university worked over a proposal for a Diploma in Education (Development Studies), a program designed for overseas and Canadian educators, particularly those interested in the relationships between education and other aspects of the development process. This program was approved by Senate on April 6, 1973 and will begin in the academic year 1974-75.

And by the end of the year there were significant developments in the field of graduate studies. Final approval was given for the Master of Arts in Teaching Program in four fields: English, History, Mathematics, and Physical Education; the proposal for a Guidance M.Ed. was approved by the Faculty of



Graduate Studies and submitted to the Ontario Council of Graduate Studies, and the M.Ed.(Educational Studies) proposal was approved by the Althouse Faculty Council and sent to the Dean of the Faculty of Graduate Studies.

And not least among these positive steps was the air conditioning of Althouse, an event long awaited by faculty, support staff and thousands of summer school students and finally made possible by a special grant from the Ministry of Colleges and Universities.

But to many of our students it was a sombre and anxious year. As this is written (July, 1973) some 60 per cent of our graduating group who wish to teach in Ontario have secured positions, whereas last year at the same time the percentage stood at 85 per cent. In some fields, however, almost all students were placed (music, art, for example), and there is a developing shortage of elementary teachers. Because of high employment and current wage levels smaller numbers of skilled tradesmen are enrolling in our technical department, and unless new solutions are found a critical shortage of technical teachers is imminent.

### Althouse and the Schools

Last fall the two members of our Practice Teaching Department visited the 155 schools in which our students are assigned for teaching practice. During these visits they consulted with principals and met, where advisable, with associate teachers. This is customary procedure as we have always taken pains to maintain the best possible relationships with the schools. During the year under review, however, there was a heightened interest both from the College and from

teachers' organizations in developing closer links. The Ontario Secondary School Teachers' Federation and the Ontario Teachers' Federation organized conferences on the role of the associate teacher in teacher education, and several Althouse departments invited associates to one or two-day meetings. These events broke new ground because they were not concerned primarily, as in the past, with the part played by the associate in practice teaching, but rather with the participation of teachers and their professional organizations in the development of policies and programs within the several faculties of education. One indication that we welcome teachers in helping us shape new programs was the creation, in April, of an Advisory Committee composed of 18 associate teachers to give advice and counsel on MSTEP, the experimental program for mathematics and science students which has just completed its second year. Further evidence that we welcome expertise from beyond our own doors is indicated in the number of visitors (over 150), most of them superintendents, principals and teachers, who came to the College during the year to talk with our students.

#### The Continuing Education of Teachers.

The expected transfer of summer courses from the Ministry of Education to the colleges and faculties of education did not materialize. Funding arrangements proposed by the Ministry of Education and the Ministry of Colleges and Universities were not acceptable to the universities, and the matter was referred to the Council of Ontario Universities. Some resolution of the impasse, now of two years' standing, may be expected in 1973-74.

The Althouse Committee on Continuing Education conferred with representatives of boards of education, with staff of the regional office of the Ontario Institute

for Studies in Education, with various other bodies and individuals in an attempt to determine the local and regional needs of teachers and administrators and to clarify the role of the college in meeting those needs. A further development in this direction was the appointment of Professor Garth Lambert as the Coordinator of Continuing Education.

### Instructional Change

The revision of courses is an on-going process that normally does not find its way into an annual report, but this year several departments placed particular emphasis on this matter. New methods and strategies were, for example, used or planned in Art, Elementary Education, History of Education, Music, Professional Practice and Administration, and Psychology. Changes ranged from the employment of major surgery to the design of independent study units, from the development of six-hour instructional modules to an experimental approach to new techniques in micro-teaching.

As a matter of policy, the Research and Development Proposals Committee funded several projects, the objectives of which were to improve the quality of instruction.

### Special Projects

The Indian Social Counsellor Program under the auspices of the Guidance Department continued for a second year with ten students enrolled. In comparison with the first year a larger proportion of the instruction and supervision became the responsibility of Indian leaders.

At the request of the Canadian International Development Agency five Kenya students were enrolled throughout the year in the Technical and Vocational

Department. And on June 28, also under the support of CIDA, ten principals from the Eastern Caribbean arrived for a six-months program during which they will work with Althouse and London Teachers' College faculty and study various features of education in Ontario.

In September, a group of geography students and a Faculty Advisor from the University of London spent three weeks in the College and its environs, and in June Professor C. R. Langman led an Althouse group to England to complete the exchange.

### Notes on Faculty

#### Sabbaticals, Exchanges, and Leaves of Absence

Iris Bliss - Montcalm Secondary School (Teaching Exchange)  
 Theophile Casaubon - Laval and Aix en Provence (Study Leave)  
 Vernon Howard - Visiting Professor, Harvard (Leave of Absence)  
 John Wright - University of Exeter (Sabbatical)

### Appointments

Carole Crealock	Department of Psychology
Anna Holman	Education Librarian
William Konrad	Department of Science
Isobel Zimmer	Physical & Health Education

### Completion of Ph.D.

Nadine Anderson	Psychology
Carole Crealock	Psychology
John McPeck	Philosophy
Paul O'Leary	Philosophy

Honors and Awards

Donald Gutteridge President's Medal for Poetry  
 Paul Park Appointment to the Canada Council  
 Frances Wigston Appointed Coach, Canadian Women's Volleyball Team,  
 Student Games in the U.S.S.R.

Tenure Granted

Robert Clark  
 Robert Gidney  
 Edward Hallberg  
 Douglas Ray

Promotions (effective July 1, 1973)

Nadine Anderson, Assistant Professor  
 John McPeck, Assistant Professor

Resignations

Nadine Anderson  
 Iris Bliss  
 Madelaine Hardy

Executive Memberships on Learned Society and Professional Bodies

Alvin Boyd, President, Ontario Modern Language Teachers' Association  
 William Hamilton, President, The Canadian Association of Professors of Education  
 Douglas Ray, President, The Comparative and International Education Society of Canada  
 David Radcliffe, Secretary, " " " " "  
 Ernest Stabler, President, The Canadian Association of Deans of Education

WINTER COURSE ENROLMENT 1972-73

Total Number of Students Enrolled as of October 15, 1972

Type A Female	168
Type A Male	243
Type B Female	153
Type B Male	135
Occupational Female	1
Vocational Female	2
Vocational Male	31
	733

SUMMER SCHOOL ENROLMENT 1972

<u>Type A</u>		<u>Certificate Courses</u>	
Agriculture	12	Regular Business & Commerce	132
Agriculture & Biology	1	Physical & Health Education	
Biology	17	Intermediate Part II	27
Chemistry	13	Specialist (W)	16
Chemistry and Biology	1	Specialist (M)	8
English	55	School Librarianship (Specialist)	65
English & French	1	Waterloo/Western Co-op Project	33
English and History	1	Vocational Type A, Part II	56
French	17		337
Geography	47		
History	36		
Home Economics	20	<u>Elementary Physical &amp; Health Education</u>	
Mathematics	39	Elementary, Type B	62
Physical & Health Ed. 6 (M)		Intermediate, Type B, Part I	21
3 (F)		Intermediate, Type B, Part II	27
Physics	6	Supervisors	16
Physics and Biology	3		126
Physics & Chemistry	2		
Physics & Mathematics	1		
	281	<u>Guidance</u>	
		Part I	61
		Part II	59
		Part III	62
		Part III (Special Work Study)	10
		Part IV (Work Study)	85
		(Course Work)	7
		(Research)	4
			288

GRAND TOTAL - 1032

STATEMENT OF FINANCIAL STATEMENTS

Other Courses

Short non-credit courses	153
Special Graduate Courses	197

The year 1972-73 has seen a consolidation of activities in both the undergraduate and graduate areas, and also the initiation of planning for the future growth of activities of the Faculty of Engineering Science.

THE ACCREDITATION PROCESS

The Faculty of Engineering Science was among the first in Canada to be visited by a team of consultants appointed by the Canadian Accreditation Board as a Canada wide re-evaluation of engineering faculties was undertaken. While the results of this inspection of our curriculum and facilities have not been reported officially, reaccreditation is expected the final year design work in the Faculty was of particular interest to the visiting team and several high in their internal reports is on.

There have again been several activities during 1972-73 designed to publicize the excellent new facilities in the Engineering and Mathematical Sciences Building and the good basic educational program available to incoming students. These include an Open House, Saturday morning lectures, and special lectures given by Faculty in the high school. Five new Spencer Scholarships, each valued at \$1,000 per annum Engineering Science students were created, and special arrangements were made to interview candidates throughout Ontario. It should be noted that the enrolment in first year Engineering Science increased in 1972 over the previous year, Eastern being one of three Ontario Engineering Schools to demonstrate an increase.

Professor L. J. Darden has been appointed the Faculty's Secondary School Outreach Liaison Officer to promote further activities of these types.

Outstanding efforts have been made to assist graduates of the Faculty to find permanent positions, with excellent results in the Spring of 1973; the career job situation has also remained considerable attention with good opportunities being found. Mr. Len Hoyer has joined the efforts of Prof. E. Yarnoch, the Faculty's Student Services Officer, in this area.

## FACULTY OF ENGINEERING SCIENCE

Report of the Dean

DR. A. I. JOHNSON

The Year 1972-73 has seen a consolidation of activities in both the undergraduate and graduate areas, and also the initiation of planning for the future growth of activities of the Faculty of Engineering Science.

### THE UNDERGRADUATE PROGRAM

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The major new development in the undergraduate program was a long discussion in Committee and then in the Council of the Faculty resulting in approval of the development of a Credit System of progression for the Faculty. The new regulations have been moved to other University bodies for further consideration. Professors C. Roy and G.F. Chess have been the Chairmen of Task Forces working on this project.

There have also been interesting experiments in using a personalized system of instruction in the undergraduate program, Professors P. Rosati and T. Bonnema taking the initiative here. The Faculty was particularly pleased to learn that Prof. Rosati was awarded a Teaching Award by the O.C.U.F.A. for his teaching and development of the PSI program in mechanics.

It was also very gratifying to learn that the James Vance Silver Medal in Civil Engineering was chosen for the permanent National Medal Collection in Ottawa by the Public Archives of Canada.

#### THE GRADUATE PROGRAM

Considerable effort has been required, coordinated by Prof. J. Zajic, Assistant Dean of Graduate Affairs, to prepare the necessary documentation for visits of teams of consultants, arranged through the Advisory Committee on Academic Planning, evaluating doctorate work in chemical, civil, electrical, mechanical and metallurgy and materials engineering in Ontario. These visits began in June 1973 and are to continue through the summer period.

While there has been a consolidation of graduate programs pending the outcome of the doctorate assessments, there have been some new developments in the Master of Engineering professional program. The Environmental Engineering option began part-time activities in the London area (8 students), and in Sarnia (10 students). The Systems Engineering option began as a part-time activity (14 students). A Municipal Engineering program was planned by the Civil Engineering group. There has been a continuing exploration of Biomedical Engineering as a possible future option.

#### THE ADVISORY COMMITTEE AND HONORARY CONSULTANTS

New terms of reference for the Faculty of Engineering Science Advisory Committee were created and approved by the Board of Governors of The University. These call for the formation of three Working Parties to work closely with the Faculty in the areas of financial planning, program development, and publicity and public relations.

The Fall meeting of the Committee was devoted to our initial discussion on Engineering in the Eighties - an attempt by the Faculty to plan its development for the next decade.

The year 1972-73 saw the initiation of visits by Honorary Consultants to the Faculty; these men from industry and government meet with professors and their research students to discuss the work under way and explore its relevance to the Canadian scene.

#### RESEARCH AND CONTRACT ACTIVITIES

There were continuing efforts in 1972-73 to provide projects of value for the research activities of the graduate students, research staff and faculty, and to increase the funds available; these will be mentioned in the group reports to follow.

An important development was the approval given to the institution of Research Professorships with roughly equivalent academic status to the teaching faculty. This should lead to a strengthening of the faculty both to sustain major research responsibilities as well as in broadening the talents available to a limited basis for the teaching program.

However, it should be noted that the first Opportunities for Youth project, involving engineering students at Western, relating to systems for enhancing the mobility of patients in wheel chairs has been awarded to a group supervised by Prof. A.T.Olson.

It was also made known that the Department of Industry, Trade and Commerce would be funding a Centre for Advanced Technology to be known as the Systems Analysis, Control and Design Activity; its director will be Professor A.I.Johnson.

#### PARTICULAR ACTIVITIES OF FACULTY

The year 1972-73 was the first year for new Chairmen of the Civil and Mechanical Groups; Prof. A.G.Davenport succeeded Prof. M.P.Poucher and Prof. E.S.Nowak assumed the post relinquished by Prof. J.E.K.Foreman. Both of the retiring Chairmen served these areas well, the Faculty gaining national and international recognition under their guidance.

Prof. G.S.Emmerson resigned from the Chairmanship of the Core Studies Group and began a well earned sabbatical leave in Scotland; the new Chairman of this group is Prof. R.K.Swartman.

The faculty continued to be active on many professional and technical societies and in government committees. Several members were appointed to the new Board of Specialization and Prof. R.M. Dillon became a member of Council of the Association of Professional Engineers of Ontario.

During 1972-73 Professor W.H.Davis was on study leave in Holland. Professor R.M.Dillon continued his leave as Director of Task Force Hydro. Professor J.S. Sheasby was on sabbatical leave in industry in Australia and in academic work in Britain.

#### REPORTS FROM THE GROUPS

The above has presented a very broad picture showing some of the major activities of the Faculty of Engineering Science; more specific developments of the Groups and Laboratories of the Faculty are now outlined.

#### THE CHEMICAL AND BIOCHEMICAL ENGINEERING GROUP

The Chemical and Biochemical Engineering Group has been very active in the past year as shown by a few of the projects and results highlighted below:

Corona discharge appears promising to remove gaseous pollutants e.g. sulfur dioxide from power plant stack gases, malodorous sulfur compounds in the effluents of the pulp and paper industry. With the help of a PRAI Grant from the National Research Council, tests have been initiated to use the electrostatic precipitators of a power station to remove gaseous pollutants from combustion gases before these are discharged to the atmosphere.

Work is being done to develop the fermentor to manufacture cheaply and efficiently a number of products now obtained at high cost by purely chemical means. A computer is being interfaced with a large fermentor for better control of the conditions under which fermentation is carried out. Better control could mean handsome gains in productivity and product quality.

In the fluid-particle and fluidization area, many aspects of the operation of a large commercial fluidized bed reactor have been studied e.g. cyclones, grid plate supports, the properties of a three-phase fluidized bed system, etc. A multi-plate fluidized bed adsorber has been operated to study the removal of contaminants from gases with the help of solid adsorbents.

In Environmental Engineering proper, in addition to continuing work in the field of water pollution, new areas of study have been opened such as the use of garbage to make petroleum hydrocarbons through "hydrogenation" with carbon monoxide.

#### THE CIVIL ENGINEERING GROUP

In the undergraduate program the curriculum of the 3rd and 4th year civil engineering program is currently being remoulded. The objectives are to place into clearer focus the role of design, to reflect more accurately in the principal and optional courses the strengths of the faculty, and to provide stronger reinforcement between the courses taken.

Nine students, mainly from the Civil Engineering option, were involved in the 50th Anniversary Association of Professional Engineers design competition for a new town in Northern Ontario at Whiskey Lake under the supervision of Prof. Poucher; in the finals of the competition the Western team reached second.

A student chapter of the newly formed Canadian Society of Civil Engineers was established under the student leadership of Paul Shakespeare and the advice of Professor Peacock. An inaugural meeting was attended by the professional engineers from London. Several tours and visits were held. Most notable was a 3 day tour of buildings in Chicago. This was arranged by Professor Peacock and by Dr. Michael Hogan, who was the first doctoral student from the Boundary Layer Wind Tunnel Laboratory.

#### AT THE GRADUATE LEVEL

The Master of Engineering program in structural and geotechnical engineering continues to develop well. The emphasis on design is clearly pertinent and successful; it provides an excellent focus for the complimentary formal course work and for participation by practising engineers. In 1973-74 a parallel series of integrated courses in "Municipal Engineering" is being launched in collaboration with the successful interdisciplinary Environmental M. Eng. program. With the collaboration of the Geology Department a graduate program in soil and rock mechanics and geology is being gradually established under leadership of Professors Quigley and Lo. The scholarship award fund in honour of the late Professor L.G.Soderman, who established geotechnical engineering at The University of Western Ontario, collected in excess of \$10,000 and the first award to an outstanding graduate student will be made this Fall by Mrs. Soderman.

In research the Boundary Layer Wind Tunnel Laboratory has under the director, Dr. A.G.Davenport, this year undertaken research studies whose gross value amounts to approximately \$250,000. Approximately 20% of this was for basic research and the remainder for design studies from many countries. Amongst the design studies undertaken are those for the striking 1805 foot CN Communications Tower in Toronto (the world's tallest and currently under construction), for the Bank of Montreal Building in Toronto and the Canadian Pacific Headquarters in Montreal. Extensive air quality studies for two large power developments in the U.S. were completed.

#### THE CORE GROUP

The activities of the Core Studies Group are devoted to the undergraduate teaching program. The Core program includes the first two years of Engineering Science during which there is strong emphasis on science, mathematics and elementary engineering courses. The Core Studies Group consists of faculty from the other groups who teach in the Core program. The interests of these faculty and the emphasis in the Core Studies Group is on good teaching and effective learning.

The Chairman of the Core Studies Group for the past six years, Professor George Emmerson, retired as Chairman as of June 30th 1973. He led the Core Studies Group for the first three years of its creation and was re-elected for a further three years. When Professor Emmerson left for sabbatical leave in January 1973, Professor R.K.Swartman became Acting Chairman prior to assuming Chairmanship on July 1st 1973.

The Core Studies Group is deeply involved in revising the curriculum to adapt to a credit system. With the greater flexibility and wider choice of subjects in high school, the program in First Year Engineering Science will have to be more flexible as well. It is our intention to provide a solid core of engineering curriculum embracing science and mathematics for the various specialties to build on in the final two years.

### THE ELECTRICAL GROUP

At the undergraduate level the Electrical Group has established a close liaison with the Computer Science Department. As a result, it is expected that these will be offering an Electrical Engineering degree with specialization in computers in not too distant a future. At the same time students graduating from Computer Science will specialize in Electrical Engineering aspects.

The four year development program of the high frequency laboratories have been completed by Dr. C.E.Livingstone. The next needed development will focus on the Electromechanics laboratories.

A new personalized system of instruction has been experimented with by Dr. T. Bonnema in one of the Electrical courses.

Graduate activities have centered in two areas;

The continuing development of the Applied Electrostatics Research through cooperation with Chemical and Material Science Engineering. Considerable progress has been made as seen from the recent research grants given to joint teams. International recognition has been given to the Applied Electrostatics activities at Western in several instances during this period; the Second Conference on Electrostatics of E.S.A. has been held at the Faculty of Engineering Science and Professor Inculet has been invited to two International Conferences to lecture on Electrostatics.

On the industrial scene, Dr. G.S.P.Castle from Electrical Engineering and Dr. K.A.Shelstad from Chemical Engineering have jointly received a PRAI grant sponsored by Ontario Hydro.

The second area of activity involves the development of a biomedical engineering program. A workshop on Biomedical Engineering sponsored by The University of Western Ontario and supported by the Ontario Ministry of Health was held on May 17, 18, 1973 under the Chairmanship of Dr. G.F.Chess of the Electrical group. The workshop was held to explore the possible roles of Bio-

medical Engineering and the Health Care System in Ontario and to consider benefits that might accrue to the system from increased technical and engineering support.

### ENVIRONMENTAL ENGINEERING.

The Environmental Engineering Program, though not one of the discipline groups, operates as a separate organizational structure within the Faculty. It draws on the teaching resources of several faculties to form an interdisciplinary course oriented graduate program, the only full-time faculty member involved being the Director.

Since its inception in 1966-67 the Environmental Engineering Program has attracted considerable interest with a registration of about 15-20 students each year. This number increased substantially in the past year mainly because of the introduction of part-time evening lectures offered in London (12 students) and in Sarnia at Lambton College (11 students) by U.W.O. Faculty members.

Another interesting development in 1972-73 was an increase in the number of non-engineering students in the full-time class. For some years, a small number of biology and geography students have been admitted but in the past year the proportion was much larger. This occurred both as the result of growing interest in environmental work and more encouragement to non-engineering students by the Faculty. Because of the broad interdisciplinary nature of the Program it is possible to provide for such students even though it was originally intended for engineers.

### RESEARCH

Much environmental engineering research is carried on in the Faculty but this is almost entirely encompassed within the discipline groups. The interdisciplinary faculty group, which was established around the Environmental Engineering Master of Engineering Program is trying to extend its role to appropriate cooperative research. One such medium is the Air Environmental Research Group. Unfortunately, a proposal for supporting funds for this group made to the Federal Government was unsuccessful. Nevertheless, several projects are being developed and the group is meeting periodically in presenting seminars on the research underway throughout The University.

Many of the conferences attended by Faculty members have an environmental emphasis. One such activity involving the Faculty of Engineering Science has been the Man and Resources Conference conducted under the direction of the Canada Council of Resource and Environment Ministers and scheduled for November 1973; there have been several preparation meetings at the provincial level at which Faculty members have been present and Prof.

Sullivan will be the Ontario Regional delegate to the National Conference in the field of environmental protection. Also in August of 1973, Western will host the Straight Goods Conference attended by secondary school students from throughout the province; again, Prof. Sullivan has been very active in its organization.

#### THE MATERIALS SCIENCE GROUP

The student interest in the undergraduate and graduate activities of the Materials Science Program has continued to increase over the past year. Although the number of students graduating in this option has been about the same there has been a substantial increase in the number of students from second year and other Options taking laboratories and projects in Materials Science, therefore the service courses provided by the Group has now become a major contribution to the Faculty.

At the graduate level the Group is extremely active in cooperative ventures both within the faculty and with other departments of The University. Within the faculty, the Group is actively involved in projects associated with the chemical, electrostatics and geotechnical research and within The University, Dr. J.D. Brown has taken an active part in the formation of the Chemical Physics Group and is its secretary. In view of the success of the latter in obtaining a negotiated development grant from NRC, a greater effort is anticipated in the next five years in the area of thin film properties.

A new approach in the development of industrial-university cooperation in the context of Materials Science has led to five graduate students undertaking their research project in an industrial atmosphere while fulfilling their degree (M.E.Sc. and/or Ph.D) program. This concept of certain graduate students carrying out applied research mainly in an industrial environment will be academically beneficial to both the student and the Faculty.

The financial support from various agencies for the research activities in Materials Science has substantially increased this past year. The highlight was a major equipment grant received from NRC to purchase a scanning electron microprobe and a complete energy dispersive X-ray analyser. In addition to broadening greatly the scope of our research capability, this equipment will benefit the faculty through consolidating much of the research presently carried out by various members of the Group as well as extending our cooperation with other Groups, Departments and local industries.

#### THE MECHANICAL ENGINEERING GROUP

The Mechanical Group was involved in the teaching and research in Thermodynamics and Heat Transfer, Transportation, Applied Mechanics and Noise Pollution, Space Engineering, Fluid Mechanics Nuclear Engineering, Design and Bioengineering. At the graduate level the Group has decided to consolidate its efforts

in two broad areas, (1) thermodynamics and heat transfer as it relates to the future energy requirements of Canada, and (2) applied mechanics especially as it relates to noise pollution and its abatement. Over the past two years contract funding in excess of \$50,000 was awarded to Professor Nowak from AECL for research studies related to heavy water production and Canada's nuclear power program whereas during the same time span about \$45,000 in contract funds was awarded to Professor J.E.K.Foreman which enabled him and Professor Dickinson to conduct noise level studies in the cities of London and Woodstock.

Dr. J.D.Tarasuk has continued with his work on the P-V-T behaviour of heavy water which has culminated in the successful completion of a unique experimental facility which can be used for other fluids. Dr. T.E.Base is carrying out a broad program of research in the fields of noise, fluid mechanics and heat transfer. Professor Swartman is carrying on with his work on solar radiation and absorption refrigeration. In addition to the above problems, Professor Tarasuk is initiating heat transfer research related to future domed cities in the Arctic.

The electrically driven vehicle "Urbine", designed and built by a team under Prof. J.E.K.Foreman, won the top award in its class at the Urban Vehicle Design Contest in Detroit in August of 1972 and has been demonstrated on many occasions during the past year.

An interesting highlight this year has been the awarding of a special Opportunities for Youth Grant to a number of third year engineering students. They will be working on various aspects providing mobility for the physically handicapped under the direction of Professor A.T.Olson. Out of this study may arise a new concept for an inexpensive wheel chair.

Professor J.A.MacDonald is interacting with the newly formed Systems Engineering Research Group. Professor J.W.Stewart was coordinator for the third year laboratories and is currently working on the consolidation of old experiments and the streamlining of lab procedures in order that students will gain the maximum benefit from the laboratories.



FACULTY OF LAW

Report of the Dean

PROFESSOR R. S. MACKAY

The following reports of standing and ad hoc committees in the Faculty of Law are indicative of the activities carried out during the academic year 1972-73.

REPORTS OF COMMITTEESAdmissions & Academic Research Committee - Professor

M. A. Hickling, Chairman.

A total of 1,628 applications were received for the first year class commencing at the end of August, 1972. Offers were sent to between 300-400 applicants and 164 registered. Of these 16 (9.8%) were students with two years undergraduate experience, 79 (48.2%) had three years undergraduate training and 67 (40.9%) were students with four or more years at University. Two students, representing 1.2% of the registrants, were admitted on a mature applicant basis. Our liaison with admissions committees of other Ontario law schools continued with a view to establishing common policies and practices insofar as is possible. In pursuance of decisions taken at a meeting of the Ontario law schools admissions representatives the deadline for applications was advanced to April 1st.

In the fall of 1972 the Admissions Committee reconsidered and revised its policies and procedures, establishing a basic cut-off of undergraduate average of 73% and an L. S. A. T. score of 500. In practice it had been found that the calibre of the students applying is so high that the minimum undergraduate average of students admitted is about 75%. In exceptional circumstances the minimum requirements have been waived.

As a result of the proposals of the MacKinnon Report on the future of legal education in Ontario the Committee has established policies and procedures to encourage persons to apply in their second year of university training and to ensure that they are not disadvantaged by not having a degree. Further, the Committee accepted the recommendation of the MacKinnon Report that a sympathetic reception be given to applications from native Canadians. The Faculty of Law, University of Western Ontario, had already adopted the practice of admitting mature applicants.

Curriculum Committee - Professor B. J. Arnold, Chairman

The Curriculum Committee is an ongoing committee of the Faculty of Law composed of three faculty members and two students. This past academic year the Committee spent most of its time evaluating and revising the first year curriculum. As a result of this revision a new first year Legal Writing and Moot Court Program has been added to the first year. Under this program first year students will be provided with an opportunity to participate in small group discussions with faculty members

and senior students and to acquire the skills of legal writing and oral argument.

In addition the Committee exercised its usual role in approving new courses and modifications in existing courses. Next year the Committee proposes to make an extensive revision of the second and third year curriculum.

Student Appeals Committee - Professor B. J. Arnold, Chairman

The Student Appeals Committee is an ongoing committee of the Faculty of Law composed of four faculty members and one student. The Committee's responsibility is to decide all student appeals with respect to grades. This past academic year the Committee considered approximately 20 appeals relating to the academic years 1971-72 and 1972-73.

Individual Research Committee - Professor W. B. Rayner, Chairman.

This Committee is an ongoing Committee whose chief responsibility is the approval of various individual research projects undertaken by students as part of their formal course credit. During the past year, several students undertook individual research, each one under the supervision of one member of faculty on a topic of their choice. The topics were far ranging and students received credit for their work in this area varying from between four and six units of credit over the two terms.

Library Committee - Professor L. V. Balogh, Chairman

The Library Committee acts as a conduit between the Law Faculty and the Law Library in attempting to insure a smooth and satisfactory operation of the Law Library. The Committee was quite successful in this regard. For the future, it has become increasingly necessary for the Library Committee to embark on a long range library planning function and the financial details and implications thereof.

Scholarships Committee - Professor J. W. Samuels, Chairman

1. Bursaries - Thirty-five students applied to the Chairman for bursaries in November - December, 1972, and all were personally interviewed. Twenty-one students were selected for Law Society Foundation Bursaries and the Harold Fox Foundation Bursary was also awarded. As well, during the year, assistance was found for three or four additional students.

2. Scholarships - The following awards were created in the year 1972-73:

The Susan J. Ainger Memorial Award: the sum of \$250 to the female student achieving the highest standing in the first year.

The Faculty of Law Foundation Fund Awards: two prizes of \$75 each to the best mooters in the second and third year voluntary program. (Provided out of funds donated by alumni and others interested in the School.)

The Margaret H. McNulty Awards: an annual award of \$100 each to two students who, in their first year, have shown great promise.

The Morrison, Hanes and Buchner Award: \$100 to the student who shows the greatest overall improvement in academic standing from first to second year.

The Samuel Pearce Entrance Awards: two \$100 awards to students upon their entry into first year law based on scholastic record and need. (Provided out of a bequest from the late Samuel Pearce.)

As well, an additional sum from the Harold Fox Education Fund has enabled the awards and bursaries already established to run for another 6 - 7 years.

All alumni out of the School five years or more were canvassed for contributions to the scholarship program.

The Davies, Ward and Beck Prizes are now given "to three students who have shown exceptional promise in their second year and who have made the Deans' Honour List in that year".

Special Events Committee - Professor J. W. Samuels, Chairman

Limitation of funds meant a reduction in the program for 1972-73. In the first term gatherings and discussions were arranged with Justices Lacourciere, Callon and Donnelly of the Supreme Court of Ontario and in the second term the major event was a meeting with Andrew Kershaw, President of Ogilvy & Mather Inc., one of the world's largest advertising firms. His subject was "Advertising: Corporate Stooge or Consumer's Friend". For the future it has been decided that students shall have a

greater role and initiative in the field of special events and much planning in that direction has been accomplished in respect of the forthcoming year.

Student Legal Aid & Clinical Training Committee - Professor

P. S. Elder, Chairman.

The past year has seen a consolidation of the Student Legal Aid Society activities, and a clarification of our roles within the Legal Aid plan.

Secondly, considerable preparatory work was done for the opening of an off-campus legal facility, which began in January, 1973. Pursuant to earlier Faculty Council decision, this Committee provided advice to the Dean and Faculty Appointments Committee on the hiring of a full-time Director of the Clinic, which will begin in September, 1973, as part of the curriculum of the Law School.

Sub-Committee on Faculty Council Constitution - Professor

J. W. Samuels, Chairman.

The final report of this Committee was submitted to Faculty Council on January 31, 1973. It was discussed at meetings of Council on February 8 and March 8. As a result, we now have:

1. A Manual on Committees and Administrative Assignments
2. By-Laws Governing Procedure at Meetings of the Law Faculty Council.
3. A new Nominating Committee consisting of the Dean, a member of Faculty and a student. (Professor Barton was elected faculty member

on April 9, 1973.)

4. A new Constitution approved by Council and now before the Operations/Agenda Committee of Senate for discussion and submission to Senate.

Sub-Committee to Investigate the Establishment of a Special

Lecture Program and Faculty Law Review - Professor S. P. Sinha, Chairman

The Committee proposed that we secure commitment from a prominent scholar to prepare a paper for presentation at the Law Faculty, that we secure other articles in the area of the above paper, and that we publish these in a University of Western Ontario Law Journal.

The Faculty Council has approved this proposal.

The Committee is now in the process of securing funds for the Lecture Series and approaching potential lecturers.

Special Committee to Study the MacKinnon Report - Professor

M. A. Hickling, Chairman.

In response to the Special Committee of the Law Society on Legal Education (the MacKinnon Report) a Committee was struck under the chairmanship of Professor M. A. Hickling to draft a response from the Faculty of Law to be presented to the Law Society. The Faculty Council accepted the recommendation of the MacKinnon Committee that the period of pre-law university study be reduced and that applicants be encouraged to apply in their second year at University. However it rejected the idea of

a quota system or the adoption of any other policy which would discriminate in favour of two year applicants. The Admissions Committee will seek to apply a common minimum academic standard to all applicants, and to adopt administrative procedures which we hope will result in all applicants being treated equally in practice. The Faculty Council adopted the recommendation of the MacKinnon Committee on mature applicants. It has in fact been the practice of this school for some years to admit applicants who have not met the normal pre-law requirements. These are few in number but are likely to increase given the publicity and the change in policy of the Law Society. The Faculty also welcomed the proposals of the MacKinnon Committee in relation to native peoples and has in fact adopted and implemented policies designed to encourage native peoples to engage in the study of law.

Other proposals of the MacKinnon Committee, such as that for the abolition of articles, and the establishment of a legal education council, provoked some controversy which is reflected in the Faculty Council's submissions to the Law Society.

#### ACTIVITIES OF MEMBERS OF FACULTY - PUBLIC SERVICE

Balogh, L. V. - Chairman, Consumers' Debt Counselling Services .  
of London.

Elder, P. S. - Member, Conservation Council of Ontario;  
Member, Task Force to design and improve human resources delivery  
system for the City of London.



Judson, J. W. T. - Member, Board of Directors, Police Community Relations Institute of London; Member, Board of Directors, London Home Services; Member, Board of Directors, Clinic Collective, London.

Krever, H. - Honourary Medico-Legal Consultant to University Hospital; member of Legal Aid, Middlesex Area Committee; Bencher, Law Society of Upper Canada and member of following Law Society Committees: Legal Education Committee, Discipline Committee, Professional Conduct Committee, Public Relations Committee; member of many Review Committees of Research Board of the University of Toronto; member, Ontario Council of Health and of its Executive Committee, Chairman of its Committee on Human Resources; member of the Rules Committee under the Ontario Judicature Act; member of the Advisory Council of the Order of Good Citizenship for the Province of Ontario; Head of Inquiry into the operations of the Alcoholism and Drug Addiction Research Foundation of Ontario; member of Council of the Medico-Legal Society of Toronto.

McLaren, R. H. - Participant in program of Legal Studies for Canadian Native People.

Rayner, W. B. - Consultant to Talbot Street School Association.

Samuels, J. W. - Member of Canadian Red Cross Vietnam Team to improve living conditions of prisoners pursuant to Protocol and Agreement on Ending the War and Restoring Peace in Vietnam, January 26, 1973;

engaged by Department of External Affairs to examine selected legal and policy questions in the field of international environmental law; engaged by Department of External Affairs to conduct legal research and analysis on issues relating to the field of Humanitarian Law and Armed Conflict for presentation to ICRC Conference in Tehran in November, 1973, and to the Diplomatic Conference in Geneva, March, 1974.

Usprich, S. J. - Part-time Assistant Crown Attorney, Middlesex County; Advisor to the Board of Directors, Inner City Youth Inc., London.

#### UNIVERSITY & OTHER ACTIVITIES OF MEMBERS OF FACULTY

Arnold, B. J. - Instructor in the Canadian Bar Association Tax Program; instructor in Income Taxation for the Norfolk Bar Association and Extension Department of the University of Western Ontario; Chairman of the Tax Subsection of the Association of Canadian Law Teachers.

Elder, P. S. - Participant in Workshop on Canadian Law and the Environment sponsored by Canada Council, Winnipeg, October, 1972.

Judson, J. W. T. - Vice-Chairman, Senate Review Board - Academic, The University of Western Ontario; member, Registrar Selection Committee, The University of Western Ontario; Faculty Advisor, Law Students Community Services, London; member of various other Faculty and University Committees.

Rayner, W. B. - Arbitrator under the Labour-Management Arbitration Commission of Ontario, the Police Act and the Hospital Disputes

Arbitration Act; member of University Senate and of Senate Review Board - Academic, and Senate Committee on Admissions & Academic Policy.

Krever, H. - Member, Promotion & Tenure Committee, Faculty of Law; member, Individual Research Committee, Faculty of Law; member Continuing Legal Education Committee, Faculty of Law; member, Selection Committee for Dean of Nursing; member, Promotion & Tenure Committee, Faculty of Nursing; member, Medicine and Society Course Committee of the Faculty of Medicine; member, President's Ad Hoc Committee on Appeal Procedures; member, Senate Subcommittee on Priorities in Academic Development; member, Ad Hoc Committee to Review Programmes in Audiology, Speech Pathology, Occupational Therapy; member, All Review Committees on Research Involving Human Subjects, as President's nominee; Special Lecturer in Legal Medicine, Faculty of Medicine.

#### ENROLLMENT STATISTICS 1972-73

	<u>Registered August, 1972</u>	<u>Wrote Examinations, May, 1973</u>
First Year:	163	147
Second Year:	134	133
Third Year:	122	122

SCHOOL OF LIBRARY AND INFORMATION SCIENCE

Report of the Dean

PROFESSOR WILLIAM J. CAMERON

It was intended last year that the sixth year of operation of the School should be "The Year of Research" but a retrospective view of the year reveals that the new drive towards developing research activity within the M. L. S. program and in preparation for the mounting of a Ph. D. program was slowed down by the economic problems of the University during 1972-1973. In 1972, the School lost all its part-time faculty for the coming fall and winter terms as a result of the contingency plan "freeze" in July, thus increasing the teaching load of the full-time faculty and reducing the opportunities for several faculty members to develop research plans and projects. All travel funds were exhausted by the fall term, and severe limitations on the purchase or rental of equipment and materials became necessary in order to respond to the need for economy.

Nevertheless, even in its attenuated form, the research activity of the School was notable, and the results will show in future publications. Dr. Elaine Svenonius, who joined the faculty of the School as Assistant Dean and Assistant Professor on July 1st, 1972, was largely responsible for developments. When she arrived, Phase I of the "MEDINFORM" project (Demonstration Model Grant DM 27 of the Ontario Department of Health) had reached the end of the data collection period under the direction of Professor Pendrill, who was to go on leave in England in the fall to undertake similar research. Dr. Svenonius took on the responsibility of directing the data analysis and report writing period of Phase I of the project. The Ministry of Health, to help us cope with unforeseen circumstances during the data collection period, extended (by the sum of \$7,485) the continuation grant to March 31, 1973. Dr. Svenonius and Professor Pendrill presented, before his departure, preliminary

reports on progress at a meeting of interested health services people from the area, and a final report was submitted to the Ontario Council of Health in the spring of 1973. This report will be published as soon as it is received officially by that body.

Dr. Svenonius came to the School after two years of experience as Director of the Centre for Communication and Information Research at the Graduate School of Librarianship, University of Denver. Both faculty and students have benefitted a great deal from her considerable experience in editing and research supervision, and her administration (as Assistant Dean) of the research efforts of the School will ensure that the "year of research" will have provided a solid foundation for the future.

Mr. W. Boyd Rayward, who joined the faculty as a lecturer at the beginning of January 1973, mounted a new course (530) on research methods and team-taught it with Dr. Svenonius during the winter term, thus strengthening the research component in the M. L. S. program. Drs. Cameron, Svenonius, DeHart, and Schulte-Albert also combined to team-teach another new research course (536) in the winter term. The objectives of this course are to make known to students the research work currently being undertaken by faculty members, and to encourage students to develop similar work of their own. For this particular term, faculty and students pooled their experience and investigatory techniques to explore the concept of "Bibliographical Control of Information" and to identify the areas of concern that could most fruitfully be developed as "foci" for our Ph. D. program. Each of the four seminar leaders reported on his or her own research related to the topic, and guided students in their investigations into the areas of which their projects were representative. Mr. Ganesh Bhattacharyya, visiting professor during the winter term, and Mr. R. M. Schutte took a considerable part in the critical discussions that ensued. The end result was considerable clarification and understanding of the field in which research will be concentrated when the Ph. D. program is mounted, and a by-product was the encouragement in an atmosphere of helpful criticism, of the research activities of all those involved. The course was again mounted in the spring term 1973, team-taught by Professors Neill and Svenonius, on the topic of Indexing. Again, other professors joined the students in the critical discussions, and it is obvious that this innovative approach

to incorporating faculty research work into the teaching program has been most successful.

Some small-scale research projects were undertaken by groups of students under faculty supervision during the year, most notably two projects funded by the Midwestern Regional Library System which came about as a result of Mr. Stanley Beacock's efforts to bring the research needs of the profession to the attention of the library schools. Mr. Beacock was visiting professor for the fall term, 1972, and the School owes a debt of gratitude to the Midwestern Regional Library Board for its willingness to second their Director for four months in order that he might bring to our students his very fine administrative experience and understanding of professional research needs.

#### Program Development - the M. L. S.

As reported last year, a cautious attitude towards changing the M. L. S. program too radically and too quickly developed in the spring of 1972, but towards the end of 1972, after the equalization of weight of all courses had been completed, and the dropping of one course (522) from the list of required courses had been forced upon us by non-availability of part-time professors, a new urge manifested itself to consolidate the results of our previous "Year of Self-Assessment" into a new curriculum. During the winter term the Curriculum Committee worked long and hard (and often passionately) hammering out a new set of required courses that would meet the School's expressed desire (1) to reduce the number of required courses to less than half of the 15 that make up the M. L. S. program and (2) to combine within each required course rather than separate into different courses the library science and information science components of the program. At a very lively and enlightening meeting of Council at the end of the winter term, the proposed new curriculum was debated at length, and by agreement that a two-thirds majority would be necessary before such a radically new curriculum should be accepted, Council voted 11 for, 10 against, with 2 abstentions, thus deciding not to adopt it. However, all agreed that a new level of understanding of principles had been reached, and the implications of the discussions would form the basis for a new review of the existing curriculum. This review is now under way.

Program Development - the Ph. D.

A great deal of the School's activity outside its teaching and research commitments at the M. L. S. level was devoted to responding to, and providing information for, the Library Science Discipline Assessment conducted by the Advisory Committee on Academic Planning of the Ontario Council on Graduate Studies. As reported last year, the consultants were to meet with the discipline group (consisting of a representative from each of the Universities of Ottawa, Toronto, and Western Ontario) in August 1972. At that meeting, faculty and administration responses to a draft of the consultants' report were presented, and later in the fall, the consultants' final report was made available. There followed a period of clarification and response, and considerable effort to satisfy the requirements of Recommendation 21 of the consultants' report. This recommendation suggested deferral of the doctoral programs at Toronto and Western Ontario until "a specific, clearly circumscribed, focus has been defined by the school for the areas of research on which it will concentrate". This was accomplished by means of Course 536 as described above. It also suggested that the programs be deferred until "the relationship of the school's defined focus of research to other departments in the University has been made explicit". This was accomplished by the appointment in the School as honorary lecturers of members of other departments who will be actively involved in the Ph. D. work of the School.

We are thus very pleased to welcome to the School the following new members:

- Dr. John M. Carroll (Department of Computer Science).
- Dr. F. L. Holmes (Department of the History of Medicine and Science).
- Dr. Irwin C. Marin (Department of Sociology).
- Dr. James K. Mullin (Department of Computer Science).
- Dr. Peter G. Sutterlin (Department of Geology).

Negotiations are at present under way for the appointment of some of the School's faculty members as honorary lecturers in other departments. Two faculty members of the Faculty of Library Science, University of Toronto, Drs. John Wilkinson and Kenneth

Plate have been cross-appointed in the School, and two of our own faculty members, Drs. Svenonius and Rayward have been similarly appointed to the Faculty of Library Science, University of Toronto. We look forward with great pleasure to this interdisciplinary enrichment of the School's activities.

The consultants' recommendation 21 also suggested that the doctoral program be deferred until "at least two and preferably three faculty members are on the staff with demonstrated research competence in each of the defined areas of research". The School was successful in demonstrating that such competence would be available on its staff, so it is still hoped that the program will be mounted in September 1973.

The ACAP report was published early in 1973 as No. 1 (Library Science, 1972) of its series Perspectives and Plans for Graduate Studies, and in its pages can now be found an assessment of the School's program as it appeared to outsiders in 1972, and a firm foundation for future development. The Ph.D. program, when it is mounted, will concentrate its research efforts on the improvement of the means of bibliographical control of information (including the development of new means) with particular attention to the following four areas of study:

- (1) systematic and universal bibliography;
- (2) classification;
- (3) indexing;
- (4) modelling and simulation of control systems.

Curriculum, program regulations, and allocation of resources have all been planned carefully to accomplish these research goals.

### The Students

The student body of the School gradually increased in number during the year, despite forebodings about the general fall-off in other parts of the University. The prerequisite year program of the Faculty of Graduate Studies was abolished on January 1st, 1973, so our prerequisite year program also disappeared. However, special students taking a post-baccalaureate year of study to prepare them for admission to graduate programs may, with the Dean's permission, include four half-courses from the School's



program in this "make-up" year, so we still have pre-M. L. S. students taking courses within the School. With a planned ceiling of 20 such students, and 160 M. L. S. full-time students, the actual enrolment for each of the terms was as follows:

	<u>Prerequisite or special (undergraduate) students</u>	<u>Full- time M. L. S.</u>	<u>Part- time M. L. S.</u>	<u>Special graduate students</u>
Summer session (including spring term) 1972	0	118	34	1
Fall term 1972	6	123	22	0
Winter term 1973	6	138	19	1
Spring term 1973	1	139	29	1

The number of "no-show" students (i. e. those who were admitted but did not register) decreased significantly from last year, indicating probably an improvement in employment stability.

### The Faculty

As mentioned above, Dr. Elaine Svenonius joined the School as Assistant Professor on July 1st, 1972. Mr. W. Boyd Rayward was appointed lecturer on January 1st, 1973, and was promoted to Assistant Professor in June upon completion of his Ph. D. in library science at the University of Chicago. Both have contributed greatly to the development of research in the School. Dr. Svenonius' research work in information science (particularly in the field of indexing) has helped to strengthen the information science part of the M. L. S. program and Dr. Rayward has strengthened our teaching in administrative theory, children's literature, and bibliographical control.

Dr. Jean Tague resigned from the School at the end of August 1972, but we are happy to announce that she will rejoin the faculty in the coming year.

Dr. Florence DeHart resigned at the end of May 1973 to return to a position in the United States. Ms. Kersti Hansen was promoted to Assistant Professor on July 1st, 1972, but resigned at the end of June 1973 after her marriage. Both professors have contributed a great deal to the development of the School.

Lecturers who have left the School at the end of their limited term appointments during the past year have been Ms. Nancy Stuart and Ms. Carolyn Warden (both on August 31, 1972) and Ms. Elizabeth Ketchum (June 30, 1973).

The full-time visiting professor program was continued during 1972-73. In the summer session, 1972, Dr. E. E. Olson (University of Maryland) once more joined us to teach a course in research techniques as applied to four information centres in London. Mr. Stanley Beacock, as mentioned above, came to us from the Midwestern Regional Library System in Kitchener-Waterloo for the fall term, and Mr. Ganesh Bhattacharyya from the Documentation Research and Training Centre in Bangalore, India, came to teach the design of information systems and the intellectual and cultural foundations of classification. Mr. W. Stuart Debenham, Acquisitions Librarian, Yale University, who has been a part-time lecturer in the School in past years, was enabled to join us full-time for the first seven weeks of the spring term and thus provide better opportunities for students to consult with him and benefit from his wide experience with acquisitions and bookcollecting.

Although the contingency plan "freeze" of July 1972 prevented the School from engaging the services of part-time faculty in the fall and winter terms, the School is very grateful to Ms. Eleanore C. Donnelly (London Public Library) for teaching a course without remuneration simply because students wanted to take it. We also owe debts of gratitude to three librarians on campus who mounted a course in music libraries and librarianship in the spring term 1972 on an experimental basis and without extra remuneration - M. Lewis, C. Osborn, and K. L. Ward. In the restrictive circumstances, we had even greater appreciation than in the past for the work of our honorary lecturer, Dr. Plotkin (Department of the History of Medicine and Science) in mounting a course in the History of Science. Dr. I. C. Marin, one of our new honorary lecturers, played a very important role in stimulating research work within the School. Our

Professor Emeritus, Laura C. Colvin (also without remuneration) put on a series of practicums on Library of Congress cataloging in support of one of the courses. The spirit of intellectual and professional involvement of all these people, despite economic adversity, is an inspiration to us all.

Several faculty members were active in professional organizations during the year. The School played a specially strong leadership role in library and information science education, as Professor Janette White continued to be President of the Canadian Association of Library Schools, and Dean W. J. Cameron was elected President of both the Canadian Council of Library Schools and the Ontario Council of Library Schools. Ms. Carmen Sprovieri was continued as Secretary/Treasurer of CALS, and Professor F. T. Dolan was appointed Secretary of CCLS. Professor Dolan was also responsible for mounting, under the sponsorship of the Canadian Association for Information Science, the first Open Conference on Information Science in Canada in May, 1973.

#### Support Staff

The "freeze, cut, and squeeze" pressures of the year effectively put an end to the review and redesign of our internship program proposed last year. Nervousness about employment prospects has led both graduating students and incumbents to shy clear of short-term experimental positions. A new support staff structure based upon changed objectives is emerging. Only one internship position survived the "freeze". Ms. Rosemary Kavanagh in September 1972 succeeded Ms. Ilona Kennedy in the pre-M. L. S. position of cataloging assistant. Both intend to go on to graduate library school.

Two post-M. L. S. internship positions on the support staff were lost as a result of the freeze on new appointments, one a cataloger, the other a computer specialist. A third internship position was converted to a regular position to be occupied by a graduate of a library technician program. It seems essential that such a person be available on the staff of the library so that students may have first-hand information about library technician training, and to compare their own education, function, and

professional philosophy with that of the emerging new member of library staffs.

The new structure for the support staff will be based on their dual roles in providing technical service to the School as a whole and individual direct involvement in the teaching program as demonstrators, identifiers of operating problems for solution in class, supervisors of student assistants in the demonstration library, developers of teaching aids, and as resource persons in seminars, laboratories, and day-to-day contact with students. During the past year, therefore, detailed reports on the activities of the support staff were requested and received, and a general demonstration of their skills and specialized knowledge was mounted to prompt students and faculty to make imaginative use of their expertise in the teaching program. Each of the support staff members outside the library was assigned three professors to work with more closely than in the past in order to optimize the use of their expertise. On several occasions, a team of resource people was used to great advantage in seminars. The disbanding of the Instructional Media Centre put a new urgency into the need to adjust our own A-V equipment to cope with teaching and research. The virtual suspension of field trips because of budgetary restrictions made it even more important that our video-taping activities (conducted as part of preparation for seminars) be extended into the community in order to bring distant libraries into the School by A-V means.

### The School's Quarters

The only major development in the School's quarters during the year was the organization of the Laboratory, Storage, and Demonstration Library in the sub-sub-basement of the Dental building. Mr. Paul Malvern, who succeeded Mr. Harry Heyck as Acquisitions and Storage Librarian in September 1972, and Ms. Barbara Vitols, Periodicals Librarian, managed, with the willing help of students, to reduce the mountain of printed material to sufficient order to enable the first laboratory series in support of a course to be mounted in the spring term, 1973, despite an unforeseen transfer of material from a Hamilton storage library in May.

Now that material is reasonably accessible, it has been possible to accelerate our gifts and exchange programs with other libraries and library schools. However, a large quantity of material is temporarily stored in D. B. Weldon Library space while sorting, shelving, and boxing of materials is taking place. Weeding of the shelves in the School's working collection cannot be incorporated into the teaching program until space is released in the Laboratory, Storage, and Demonstration Library for organizing the weeded material into a storage collection for speedy retrieval.

### The School's Library

Because of the pioneering and unique features of our Library School Library, the Dean has been asked to provide a chapter on the subject of library school libraries in a forthcoming textbook on library school administration.

The year was marked not only by innovative development, but also by rationalization and consolidation as a result of economic pressure. The automated circulation system, using a cathode-ray-tube input device coupled with a cassette recorder for batching input to the computer, caused several dislocations of service because only a manual back-up system was available, thus putting in jeopardy the educational value of demonstrating new types of equipment. Efforts must be made to provide back-up automation equipment in the future to enable us to experiment successfully.

Student projects included an automated acquisition system and a feasibility study for automating the "on order" file. Students were also active in periodicals control projects, and a big step in development of control was taken in the fall of 1972 when English language annual reports were incorporated into the Book Catalog in such a way that the index printout automatically provides a listing alphabetically by institution. Unfortunately, input to the machine-readable Book Catalog had to be done through the circulation system's untried input device as a result of budgetary restrictions which denied access to keypunching services. As a result, the projected new edition of the Book Catalog has been postponed partly because of breakdowns in the equipment, and partly because of errors from imperfect student training and experience, and persistent machine-produced suppression of data. A working

printout was, however, made available by December 1972.

Student projects also included a needle-sorted notched card retrieval system for monograph-in-series records that will provide future SLIS students with first-hand experience of a manually-sorted index. Students also produced A student's guide to the SLIS Library which is used in revised form for orientation. Professor Dolan also supervised, in course 507, a systems analysis by students of many of the functions of the library, thus following up Professor Neill's drawing together a list of library problems identified by the staff for solution by students in their course-work. Computer programs written by a student as part of his course work were used to automate the monthly accessions list in February 1973, and attempts at reducing costs to considerably less than those for the manually-produced lists have been made while adjusting the manual system to provide back-up.

As a result of the excellent work of the staff of the library as resource people, supervisors, and problem-identifiers, students have been more involved in "hands-on" project work in the library than ever before. Much of the results of student participation in the analysis and solution of problems has been selectively incorporated into the working activities of the library, but appropriate administrative techniques for implementation of recommendations will have to be developed in the coming year as the volume of faculty-directed course-work projects of this kind increases.

All technical services - acquisitions, cataloging and classification of acquired materials, and processing of the materials for incorporation into our collections - ran at a high level, so that the great backlogs of work created by the rapid growth of the School in its first three years have now been reduced to manageable levels. The only major slow-down has been in Special Collections, where the loss of one of the internship positions has been most obvious. Also, development of the HPB project has been slowed down considerably. However, with the increased use of Special Collections expected as a result of Ph. D. demands, more attention will be paid to this unique feature of the library during the coming year.

At the end of 1972, an analysis of "outside borrowers" revealed that only 27 of the 62 registered borrowers were still

active. The majority (17), as might be expected, are on campus, most of them being employees of the U. W. O. Library System. The next biggest group are students of the Library Technicians program at Fanshawe College. Computer science people seem to have discovered the extent of our holdings of interest to them, but our geographical isolation seems to discourage campus-wide use of our library. An extra effort to bring our holdings to the attention of others on the campus seems necessary. Despite the regular supply of catalog cards for the union catalog in Ottawa, and the D. B. Weldon Library catalog, which takes up most of the time of a professional cataloger, the spread of knowledge about our holdings seems to be far too slow.

The growth in gift and exchange programs during the year is perhaps more indicative of our increased involvement with the community outside the School. To complement continuing arrangements with libraries in the USSR, West Africa, and Australia, as well as Canadian libraries and library schools, special aid has been given to isolated public libraries (such as Dryden Public Library), and developing community college libraries, in addition to University libraries. In return we gain ephemeral materials that are very hard to come by, goodwill that nets us unusual exchange materials, and a model for networking. Probably the most important development, however, has been the growth of such programs in the Caribbean.

### International Links

In April 1972, Dr. Cameron gave an invited paper on "Libraries and Technology" at the International Library Conference in Kingston, Jamaica. The invitation was mediated by the Ontario-Jamaica Association, whose officers are members of the U. W. O. faculty. As a result of a meeting with the academic administrators of the University of the West Indies and a group of deans and directors from Canada and Great Britain, several suggestions were made for helping the new library school on the Mona campus. This School undertook to provide aid by means of a gift and exchange program, to reserve for the coming year a pre-M. L. S. internship position in its library for a nominee from the West Indies, and to begin a faculty exchange program in the following year. In July 1972, Dr. Cameron was invited by the Virgin Islands Government to give advice on a proposed automated indexing program for newspapers

similar to the Historical Research Project in Jamaica, and while in the area, visited Puerto Rico, where a gifts and exchange program and a faculty exchange program was arranged to begin in the summer of 1973 with the Escuela Graduada de Bibliotecologia. Dr. Collings, Acting Head of the Department of Library Studies, University of the West Indies, visited U. W. O. in April 1973, and a very ambitious program was developed for the coming year, with the advice of the Office of International Education, and the School of Business Administration, which has a program under way to develop a School of Management Studies in that University. Dr. Cameron once more visited the Caribbean in June 1973 to make final arrangements for the program for the coming year.

Our major contribution during the past year has been the supply of 26 cartons of much-needed library science books and periodicals culled from our duplicate collections. (Another 23 cartons were selected by Dr. Collings during her visit.) In return, we have collected from several sources in the Caribbean a large variety of materials which will be used in a course in classification, the aim of which will be to create a classification scheme for Caribbean Studies for incorporation into our machine-readable Book Catalog and for use by librarians in the Caribbean. We expect that next year will be not only the "year of the Ph. D." but also the year of considerable expansion into interdisciplinary and international cooperation.



FACULTY OF MEDICINE

## Report of the Dean

DR. D. BOCKING

The Faculty of Medicine, this year again, gave consideration to the question of class size, recognizing the need for health personnel in the province. In September, 1972, the entering class size in Medicine was increased from 85 to 100 students. The Programs also increased their entering enrolment - Communicative Disorders going from 12 to 15, Occupational Therapy from 20 to 25, and Physical Therapy from 20 to 24. These increases put a heavy strain on the facilities in the Health Sciences Centre and resulted in heavy teaching loads for many of the faculty.

A major event which involved the Faculty of Medicine was the opening in September of the new University Hospital. In order to staff the diagnostic and clinical services, a considerable number of new faculty were appointed as well as some being transferred from St. Joseph's and Victoria Hospitals. The opening of the various wards was phased. The administration and staff of the University Hospital are to be congratulated on having achieved a 70% occupancy rate within seven months of admitting the first patient.

FACULTY

During the year, the Faculty were saddened by the passing of several retired and active members of staff. These included Dr. E.V. Metcalfe who had served for many years in the Department of Psychiatry at Westminster Hospital; Dr. K.M. McGregor, a member of the Department of Psychiatry and Medical Superintendent of the St. Thomas Psychiatric Hospital; and Dr. A.J. Watt, a member of the Department of Medicine and senior consultant at the Beck Memorial Sanatorium.

The faculty was shocked by the untimely death of Professor J.C. Rathbun on October 31, 1972. Dr. Rathbun had served with distinction as Head of the Department of Paediatrics and Chief of Paediatrics at the War Memorial Children's Hospital since 1955.

The deaths also during the year of four retired members of faculty are recorded with regret - Dr. F.J.H. Campbell, a former Clinical Professor of Medicine who served as Dean of Medicine from 1934 to 1944, Dr. H.S. Little who preceded Dr. Rathbun as Head of the Department of Paediatrics, Dr. E.M. Watson who was Head of the Department of Pathological Chemistry when he retired in 1960, and Dr. R.A. Waud, a former Professor and Head of the Department of Pharmacology.

The faculty lost two highly respected Technical Officers during the year - Mr. Charles Jarvis who served devotedly in the Department of Anatomy since 1941, and Mr. Gordon Steward who gave distinguished service to the Department of Medicine and Victoria Hospital in the cardiovascular unit of that hospital.

During the year, the following highly respected members of the Faculty retired. Professor M.L. Barr, internationally recognized scientist and former Head of the Department of Anatomy, will continue to hold a part-time professorial

appointment in that Department. Professor F.S. Brien, former Head of the Department of Medicine, will continue as an Honorary Professor and a consultant in Medicine at Victoria Hospital. Professor G.E. Hobbs, former Head of the Departments of Preventive Medicine and Psychiatry and of Psychiatry, has been appointed an Honorary Professor in the Department of Psychiatry and will continue as Acting Chief of Psychiatry at Westminster Hospital. Professor A.G. Denison has retired from the Department of Paediatrics where he gave distinguished service as a part-time member of faculty. Dr. J.M. Growse has also retired from the Department of Anaesthesia after many years with that Department at St. Joseph's Hospital.

Dr. C.P.S. Taylor of the Department of Biophysics was on sabbatical leave during the year at the University of Keele. Professor M. Daria Haust took a sabbatical leave at the University of Oxford. Dr. Paul Mercer was awarded six month's sabbatical leave and visited the Veterans Administration Hospital in San Francisco, California.

Dr. D.L. Crombie of Birmingham was a Visiting Associate Professor in the Department of Family Medicine during the year.

There were two Medical Research Council Visiting Professors during the year - Dr. Ashley Coopland of the University of Manitoba spent a week with the Departments of Obstetrics & Gynaecology, Medicine, and Pathology; and Dr. Irene Uchida, of the Department of Paediatrics at McMaster University, spent a week as a Visiting Professor with the Departments of Anatomy, Epidemiology & Preventive Medicine, Obstetrics & Gynaecology, and Paediatrics.

There were several lectureships during the year. The inaugural J.A.F. Stevenson Lectureship, held on October 5th, 1972, was delivered by Sir John Eccles. The 27th Annual John A. MacGregor Memorial Lecture was given by Dr. F.C. Courtice of the Australian National University on March 22nd, 1973. The 7th Annual Wallace Graham Lecture was given by Dr. Eugene Barnett of the University of California on September 15th, 1972. The F.J.H. Campbell Lectureship was delivered by Dr. George F. Cahill, Jr., of Harvard University on February 28th, 1973.

Several members of the faculty received special honors and distinctions during the year. Professor M.L. Barr was awarded an Honorary LLD in May by the University of Saskatchewan. Dr. C.G. Drake was awarded an Honorary Doctorate of Science in June by Memorial University of Newfoundland.

Professor A.H. Neufeld was appointed a Professor Emeritus of the Faculty of Medicine.

Professor R.G.E. Murray was President of the American Society of Microbiology during 1973. Professor M.R. Roach was the Chief Canadian delegate for the 5th General Assembly of the International Union of Pure and Applied Biophysics. Dr. E.L. Medzon was appointed Editor-in-Chief of *A Dictionary of Microbiology* to be published by the American Society for Microbiology. Professor A.C. Groom continued to serve as Associate Editor of the Canadian Journal of Physiology and Pharmacology. Dr. John Robinson was elected Secretary of the Canadian Society of Microbiologists in June, 1973. Dr. D.M. Wickware

of the Department of Psychiatry was appointed Co-ordinator of Forensic Services for the Southwestern Ontario Region by the Ontario Ministry of Health effective January 1, 1973.

In November 1972, Drs. B.A. Warren and W.C. Watson were elected to serve for two years on the Senate of the University as representatives of the Faculty of Medicine.

After twelve years of devoted and distinguished service to the University - four-and-a-half-years as Dean of Medicine and seven-and-a-half-years as Vice-President (Health Sciences) - Dr. O.H. Warwick resigned as Vice-President (Health Sciences) effective December 31st, 1972. He will return as Professor of Medicine and Therapeutic Radiology after a year's study leave. Dean D. Bocking was appointed Acting Vice-President (Health Sciences) effective January 1st, 1973.

Professor R.G.E. Murray was appointed Acting Dean of the Faculty of Science for the 1973-74 academic year.

Many members of faculty were involved with the various committees associated with the new curriculum to be introduced in September, 1973.

#### DEPARTMENTS

During 1972-73, there were several changes in leadership of Departments.

Professor R.C. Buck accepted an extension of his appointment as Chairman of the Department of Anatomy for the period September 1 to December 31, 1972. Effective January 1st, 1973, Dr. D.G. Montemurro assumed the chairmanship of the Department of Anatomy.

Dr. E.L. Medzon was appointed Acting Chairman of the Department of Bacteriology & Immunology effective July 1st, 1973 during Professor Murray's tenure as Acting Dean of Science.

Dr. B.D. Sanwal was appointed Professor and Chairman of the Department of Biochemistry effective June 1st, 1973.

Dr. M.R. Roach was re-appointed as Chairman of the Department of Biophysics effective July 1st, 1972 for a five-year term.

Dr. F.L. Holmes commenced his appointment as Chairman of the Department of the History of Medicine and Science on July 1st, 1972.

Dr. E.R. Plunkett was re-appointed Chairman of the Department of Obstetrics & Gynaecology for another five-year term, effective July 1st, 1973.

On November 1st, 1972, Dr. G.H. Valentine became Acting Head of the Department of Paediatrics and on March 1st, 1973, Dr. L.L. deVeber relieved Dr. Valentine as Acting Head of the Department of Paediatrics. Dr. H.C. Soltan was appointed Chairman of the Division of Medical Genetics of the Department of Paediatrics effective July 1st, 1972.

Dr. A.T. Hunter was re-appointed as Assistant Dean - Continuing Education effective July 1st, 1973.

Dr. E.R. Ecclestone accepted the appointment of Acting Director of Medical Education at the University Hospital effective October 1st, 1972. This position was filled by Dr. J.B. Neilson in February, 1973. Dr. J.L. Loudon resigned as Director of Medical Education effective June 30th, 1973 and Dr. R.N. Green was appointed to fill this position at Victoria Hospital effective July 1st, 1973.

Joint Selection Committees for Chiefs of Service were active during the year because of transfers and new positions. In addition, several Chiefs of Service terminated their appointments at the teaching hospitals after giving distinguished service to the University and hospitals in those capacities. Dr. Andrew Kertesz was appointed Chief of Clinical Neurological Sciences at St. Joseph's Hospital effective September 1st, 1972, and Dr. C.F. Bolton was appointed Chief of Clinical Neurological Sciences at Victoria Hospital effective January 1st, 1973. Dr. D.S.M. Haines became Chief of Clinical Pathology at Victoria Hospital effective July 1st, 1972. Dr. J.B. Finlay was appointed Chief of Biomedical Engineering at the University Hospital effective September 1st, 1972. This is the first such appointment in London.

During the fall, Dr. A.T. Hunter terminated his appointment as Chief of Family Medicine at St. Joseph's Hospital. Dr. John Biehn was appointed Acting Chief of Family Medicine until June 1st, 1973 when Dr. Keith Gay assumed the position of Chief of Family Medicine at St. Joseph's Hospital. Dr. B.L. Hession resigned as Chief of Medicine at St. Joseph's Hospital effective June 30th, 1973 after many years of distinguished service in that position. Effective July 1st, 1973, Dr. John M. Thompson became Chief of Medicine at St. Joseph's Hospital. Dr. J.H. Walters, Chief of Obstetrics & Gynaecology at St. Joseph's Hospital also submitted his resignation effective June 30th, 1973, in order to accept an appointment as Chairman of the Department of Obstetrics & Gynaecology at the new medical school at the University of Toledo.

Effective November 1st, 1972, Dr. J.F. Ballantyne resigned as Chief of Ophthalmology at St. Joseph's Hospital and was elected to the Council of the College of Physicians and Surgeons of Ontario for a four-year term. Dr. R.T. Collyer was appointed Acting Chief of Ophthalmology at St. Joseph's Hospital and Chief of the Service effective July 1st, 1973.

Dr. B. Krystofiak was appointed Chief of Physical Medicine & Rehabilitation at Victoria Hospital, effective October 1st, 1972. Effective November 1st, 1972, Dr. A.L. Amacher became Acting Chief of Paediatrics at Victoria Hospital.

Special appreciation is again paid to the part-time members of faculty who contribute significantly to the undergraduate and postgraduate teaching programs.

### PROGRAMS

During the year the three Programs continued to make excellent progress. The

Program in Physical Therapy increased its class size in September 1972 from 20 to 24 students. 18 students graduated from the four-year program in June 1973, along with 2 post-diploma students. The 1972-73 academic year saw the move of the Program into the new area designed for the Program in the basement of the University Hospital.

The Program in Communicative Disorders increased its class size from 12 to 15 students in September 1972. They continued to be housed in temporary accommodation in the Lower, Lower, Ground floor of the Dental Sciences Building. The first group of 6 students graduated with a Bachelor of Science in Communicative Disorders on June 8th, 1973.

In September 1972, the entering class size in Occupational Therapy was increased from 20 to 25. The Program in Occupational Therapy continued to develop the second and third years of its undergraduate program and also its post-diploma program. The Program was housed during the year in temporary accommodation in Middlesex College.

During the year, the Dr. Lillian Pollard award was established for a third year student in Physical Therapy.

The Program in Communicative Disorders submitted a proposal for a Master's degree program in Speech Pathology and Audiology.

Professor Trider of the Program in Occupational Therapy served as a member of the Board of Directors of the Canadian Association of Occupational Therapists.

In May, a small committee was appointed by the Vice-President (Health Sciences) Committee to review the administrative arrangements for the three Programs.

### STUDENT AFFAIRS

In September 1972, the entering class in Medicine was increased from 85 to 100 students. There were 1105 applicants for these 100 positions. The entering class included 29 girls.

86 students graduated with the Doctor of Medicine degree on June 8th, 1973.

In October 1972, five Ugandan medical students, who had been displaced from their mother country, were admitted with advanced standing at Western. Two of these students were admitted into the second year of the Program and three into the third year of the undergraduate program.

During the spring, Mr. Peter Johnston was elected as the new President of the Hippocratic Council.

During the year, two new awards were established in the Faculty of Medicine. The Dr. William Zaharia Memorial Prize in Endocrinology was established by the Department of Clinical Pathology at Victoria Hospital and friends of the late Dr. William Zaharia.

The Aletha L. Hotson scholarship was established in memory of her father,

the late Alexander Hotson, M.D., a graduate of the University of Western Ontario. This scholarship is to be awarded to the student with the second highest standing in the second year of the medical course.

### EDUCATION

In the spring of 1973, the first three years of the new curriculum for the Faculty of Medicine were approved by Senate. The various course committees were extremely active during the year in planning the new curriculum. The Curriculum Evaluation Committee also began its studies to assess the new curriculum in relation to the present curriculum.

The Postgraduate Education Office of the Faculty of Medicine, under the direction of Dr. E.R. Ecclestone, was active in developing a better co-ordination of the various postgraduate training programs. The Committee on Postgraduate Education was involved in deliberations relating to the internship and licensing requirements.

The Program of Continuing Education had a very active year again, assisting in the mounting of several Refresher Days, Lectureships, and the Visiting Consultant - Physician Program.

During the year, the Faculty of Medicine was involved in a study of the educational aspects of Emergency Medicine. This Committee recommended the establishment of the position of a Co-ordinator of Emergency Medicine in the Faculty.

During the year, consideration was also given to the place of Geriatric Medicine in the Faculty. An ad hoc Advisory Committee recommended the appointment of a full-time person to organize programs of teaching and research in Geriatric Medicine and to advise on the co-ordination of Geriatric Services in London.

During the year, the Faculty of Medicine co-operated with the Faculty of Nursing and St. Joseph's Hospital in the Clinical Training Program for Nurses sponsored by the Medical Services Branch of the Department of National Health and Welfare. The Faculty of Medicine also named representatives to a Co-ordinating Committee in conjunction with the Faculty of Nursing and Fanshawe College to co-ordinate existing and future courses for nurse practitioners and to make recommendations regarding programs designed to expand the role of the nurse.

### RESEARCH

During the year, Dr. A.C. Groom and Dr. D.C. Bondy served as members of the Health Sciences Research Committee representing the Basic Health Sciences and the Clinical Medical Sciences respectively. This Committee reviewed matters of research policy especially as outlined in the Bonneau-Corry Report, the report of the Commission on Post-Secondary Education in Ontario, and the report of the Ministry of Health Research Committee.

## BUILDING PROGRAM

After a great deal of planning, the Phase I building program for the Health Sciences Centre was submitted to tender in October, 1972. This program envisioned additional space for the Health Sciences Library, the Health Sciences Animal Quarters, the Basic Science Departments, and a new facility for the Faculty of Nursing. In December 1972, the University was notified by the Ministry of Colleges and Universities that approval to proceed with construction of Phase I was deferred.

In May of 1973, representatives of the five Provincial Health Science complexes were invited to attend a meeting in Toronto called by the Minister of Colleges and Universities and the Minister of Health. At that time, the Provincial Government indicated that it planned to limit the annual output of M.D.'s from the five Ontario schools to 670 for the next 10 years. At the same time, they indicated that the number of Family Physicians to be trained should reach an output of 335 per year and that the number of other clinical specialists trained in the Province should not exceed 335 per year.

The freeze on the building program posed several major problems for the Faculty of Medicine. SCUD and the Emergency Space Committee made arrangements, however, for the Department of the History of Medicine and Science to be accommodated in unassigned space in the Social Sciences Centre. The Program in Communicative Disorders will also be accommodated in unassigned space in the Social Sciences Centre. The Program in Occupational Therapy, which was originally scheduled to move along with Physical Therapy to the basement of the University Hospital, will be accommodated in renovated space in the Lower, Lower, Ground floor of the Dental Sciences Building, the space in the basement of the University Hospital being inadequate to accommodate the two Programs.

## AFFILIATED TEACHING HOSPITALS

A major event during the year was the official opening of the University Hospital on September 20 and 21, 1972. The first patients were admitted to the hospital at the end of October 1972 and the various wards were gradually opening over the succeeding four months. The administration of the hospital is to be congratulated on the very smooth manner in which this large institution was brought into operation.

In April 1973, the *Role Study* prepared by Woods, Gordon & Company and the Ministry of Health was presented to the London community. This report dealt particularly with the future role of Westminster Hospital. A major recommendation related to a move of Victoria Hospital from its present site to the Westminster Hospital site. Another recommendation of the report was that Parkwood Hospital should be moved to the present Victoria Hospital site.

The revision of the provincial bed formula from 5 active treatment beds per 1,000 population to 4.5 resulted in bed reductions in St. Joseph's, Victoria, and the University Hospital.

In May of 1973, the Minister of Health and the Minister of Colleges and

Universities advised the Provincial Health Science complexes that there would be a capital building program developed encompassing the next 10 years and amounting to a total of approximately \$300,000,000. These funds are designed to improve the teaching hospitals and replace obsolescent facilities along with some funding for universities and Colleges of Applied Arts & Technology. The implications of this capital program for the London institutions is being studied by the London Health Sciences Co-ordinating Committee.

In March of 1973, a Committee appointed by the Minister of Health carried out a survey of *Open Heart* Surgery in London and will be making recommendations regarding the location of Open Heart Surgery.

During the year, several hospitals in the Southwestern Ontario region co-operated with the University in the postgraduate and undergraduate training programs. The Kitchener-Waterloo Hospital accepted Junior Internes from St. Joseph's Hospital for training in Obstetrics & Gynaecology. The St. Mary's Hospital in Kitchener also accepted residents in Family Medicine for training in Obstetrics & Gynaecology.

Similarly, the Hotel Dieu at Windsor accepted one resident from the Program in Obstetrics & Gynaecology and clinical clerks were rotated through the Hotel Dieu for training in Paediatrics.

#### PROVINCIAL AND NATIONAL ORGANIZATIONS

The representatives of the Faculty of Medicine continued to be involved with the Council of Ontario Faculties of Medicine. Dr. J.C. Griffiths and Dr. F.J. Rounthwaite were appointed to the Committee on Postgraduate Education which is studying the manpower requirements for the various specialties in the province. Dr. J.H. Watson served on the Committee on Admissions which dealt with several matters relating to admission of medical students including a proposal to establish a central application centre for the province.

Dr. J.A. Collins represented the Faculty of Medicine along with representatives of the Office of the Dean of Medicine at the Annual Meeting of the Association of Canadian Medical Colleges in Edmonton in October 1972. During the year, committees appointed in the Faculty of Medicine responded to major reports concerned with health care including the *Hastings Report* of the Community Health Centre Project and the *Boudreau Report* on Nurse Practitioners.

#### COMMUNITY AND RELATED SERVICES

During the year, the Department of Family Medicine continued to be actively involved with the planning and interim operations of the new Southwest Middlesex Health Centre to be located in the Mount Brydges area. Services provided will include those of nurses, physicians and dentists.

Several departments of the Faculty of Medicine continued to be involved in the provision of health care in the Moose Factory zone. This involved the





FACULTY OF MUSIC

Report of the Dean

PROFESSOR CLIFFORD VON KUSTER

Enrolment in the Faculty of Music increased by approximately 19% this year. Distribution across the various programs was as follows:

Freshmen . . . . . 139

<u>MUSIC EDUCATION</u>	<u>PERFORMANCE</u>	<u>THEORY AND COMPOSITION</u>	<u>MUSIC HISTORY</u>
Second Year 61	Second Year 20	Second Year 11	Second Year 4
Third Year 43	Third Year 6	Third Year 5	Third Year 3
Fourth Year <u>37</u>	Fourth Year <u>6</u>	Fourth Year <u>1</u>	Fourth Year <u>3</u>
<u>Total 141</u>	<u>32</u>	<u>17</u>	<u>10</u>

<u>B.A. WITH HONORS MUSIC</u>	<u>B.A. WITH MUSIC OPTIONS</u>	<u>BACHELOR OF MUSICAL ARTS</u>
Second Year 6	Second Year 4	Second Year 17
Third Year 3	Third Year <u>2</u>	Third Year <u>11</u>
Fourth Year <u>6</u>		
<u>Total 15</u>	<u>6</u>	<u>28</u>

Total Upper Classmen 249  
 Total Part-time and Special Students 28  
 TOTAL UNDERGRADUATE ENROLMENT 416

GRADUATE ENROLMENT

Music Education	2
Literature & Performance	11
Theory	4
Composition	0
Musicology	<u>1</u>

GRADUATE ENROLMENT 18

TOTAL ENROLMENT 434

An additional 289 Arts and Science students were registered in one or more credit courses in Music.

President's Report 1972-73 (continued)

The move to the new building took place in late August and the opening ceremony was held on October 27th, to coincide with Fall Convocation. Honorary degrees were bestowed on three distinguished guests of the faculty - Margaret Ferguson, Paul Henry Lang and Jon Vickers. Our guest speaker for the occasion was former Chancellor Dr. A. W. Trueman. Mrs. A. E. Lawrence officiated at the ceremony by unveiling a plaque which commemorates the occasion and pays tribute to the outstanding contribution of her late father, Dr. A. E. Silverwood, who presented the University of Western Ontario with the A. E. Silverwood building as a home for music in 1946. A program of special events scheduled throughout the year was offered to mark the opening of the building. Included were the Suzuki Children's Concert in October, the operas "Dido and Aeneas" by Purcell and "The Soldier's Tale" by Stravinsky presented in November and the New Music Colloquium which took place in March.

APPLIED MUSIC DEPARTMENT - Dr. J. S. McIntosh, Chairman

The following is an analysis of student enrolment by principal instrument:

	<u>Undergraduate</u>	<u>Graduate</u>
Piano	166	4
Voice	50	2
Organ	17	2
Violin	22	1
Viola	7	
Cello	10	2
Double Bass	2	
Flute	13	
Clarinet	30	
Oboe	9	
Bassoon	4	
Trumpet	22	
Trombone	10	
Tuba	4	
French Horn	15	
Euphonium	2	
Saxophone	4	2
Percussion	3	
	<u>390</u>	<u>13</u>

President's Report 1972-73 (continued)

Plus: Special and part-time students:

Piano	8
Voice	3
Organ	1
Viola	1
Cello	3
Double Bass	1
Flute	2
Trumpet	1
Trombone	2
Saxophone	1
Harp	<u>1</u>
	24

A total of 128 recitals and concerts were given under the auspices of the faculty as follows:

Student recitals	53
Graduation recitals	15
Faculty recitals	19
Guest Artists	
Recitals	15
Master classes	4
Ensemble concerts	<u>22</u>
	128

In addition to the above, Faculty of Music Ensembles performed off campus as follows:

December 6	Faculty of Music Singers Listowel High School
January 26	Wind Ensemble and Concert Choir Fanshawe College, London, for Canadian Bandmasters' Association
February 23	Symphonic Band Lawrence Park Collegiate, Toronto, for Toronto Branch, O.M.E.A.
March 4	Faculty of Music Singers Brant Avenue United Church, Brantford
March 9	Faculty of Music Singers Kansas City, for American Choral Directors' Association Convention

President's Report 1972-73 (continued)

April 9

New Chamber Winds  
Cambrian College, Sudbury

Major performing resources of the Faculty of Music were employed in two presentations during the year: the production of Purcell's Dido and Aeneas and Stravinsky's Soldier's Tale as part of the celebration of the opening of the new Faculty of Music building, and the April 1st performance of Bloch's Sacred Service in Alumni Hall by the University of Western Ontario Symphony Orchestra and all of the Faculty of Music Choirs.

Members of faculty and their advanced students continue to form the nucleus of such organizations as the London Symphony Orchestra and the Aeolian Town Hall Orchestra. The International Symphony of Sarnia-Port Huron was again conducted by Associate Dean McKellar while Professor Hermon Dilmore conducts the Owen Sound Symphony.

Faculty members performed widely as soloists. The following were of special interest: Professor R. Aldrich, violist, performed in Cambridge, England, at the Aldeburgh Festival and at the Banff Summer School; Mr. J. P. Bracey, pianist, played recitals in six of the major centres of Ontario - as well as Tucson, Arizona; L. Cortner, organist, performed in Montreal, Oshawa, Detroit, the Royal Festival Hall, London, England, New College in Oxford, Coventry Cathedral and the University of Bristol, England; Dr. J. S. McIntosh, organist, was recitalist in Calgary and Oshawa; The New Chamber Winds ensemble performed at the Stratford Festival; Tsuyoshi Tsutsumi, visiting professor of cello, toured Connecticut, Vermont, North Carolina, Japan and appeared as well in London, Brantford, Toronto, Winnipeg and Banff.

Professors Aldrich, Skelton, Tsutsumi and Thompson were all members of the faculty of the Banff school of Fine Arts Summer School. Dr. D. Bratz served as piano adjudicator in Toronto, Quebec, and Hamilton. In addition she gave lecture-recitals in Toronto, Buffalo and London. Professor C. Dalkert taught at the Inter-Provincial Music Camp and Mr. J. Ford served as Director of the Ontario Youth Music Camp as well as Vice-President of the Canadian Band Directors' Association. Dean C. von Kuster was elected Chairman of the Committee of Ontario University Music Administrators.

Professor J. S. McIntosh, chairman of the Applied Department, received the degree Doctor of Musical Arts from the University of Rochester. Professor J. Stark received the degree of Ph.D. in Musicology from the University of Toronto. Professor R. Aldrich attended a master class in viola at Indiana University. Mr. J. P. Bracey, Dean von Kuster, and Miss A. Mazan studied piano in Europe in the summer of 1972.

Professor Seiffert published an article as outlined in the Appendix. Professor T. Tsutsumi recorded pieces by Mamiya and de Falla for CBS/Sony records in Tokyo.

A major loss to our department was caused by the death of Professor Howard Munn at the beginning of the second term. His work was covered by Miss Katherine Root for the remainder of the year. We are pleased to announce

President's Report 1972-73 (continued)

the appointment of Assistant Professor Lamar Crowson as a new member of our piano faculty. Professor Crowson's appointment will commence on July 1st, 1974. In the interim Mr. Elyakim Taussig has accepted an instructorship in piano.

Two members of the department have been awarded leaves in 1973-74. Dean Clifford von Kuster will study piano in France. Associate Professor James Stark will study voice production and pedagogy at several European centres. Mr. Alvin Reimer has been appointed to a one-year instructorship in voice during Professor Stark's absence.

THEORY AND COMPOSITION DEPARTMENT - Dr. C. Haenselman, Chairman

There were sixteen Theory and Composition majors this year. Concerning individual work by members of the Department, Jean Anderson's anthem "I Thank You God for most this Amazing" was performed in St. Paul's Cathedral, London, England, on August 18 and 21. It was also performed at Norwich Cathedral and in Holland during the same month. Arsenio Giron had four performances during the year at the University of Western Ontario, Carleton University and West Virginia University. His composition "Moonrise" has been recorded by Litton Education Publication. The compositions of Dr. Robert Shallenberg were performed in numerous locations in North America and are a part of the touring repertoire of the New Music Choral Ensemble. He is presently working on a commission for the singer Linda Anderson. Carl Haenselman continued research on the subject of rhythm. Recent related studies which have been done in Europe and North America in experimental psychology were consulted, and a Canada Council grant was awarded for the research.

Dr. R. Shallenberg received a grant for computer time to do research in musical structures with the aid of computers. Due to the lateness of the grant and various delays in its implementation, no programs were run. However, much time was spent in programming, and some interesting ideas seem to have resulted. The desired end of these programs is a master program, usable by composers and theorists with little or no background in mathematics or computer science, enabling them to study the results of specifying various distributions of various musical elements (e.g. attack density, pitch density, pitch registration, etc.) and the results of varying these distributions by known or by indeterminate amounts. To a composer, the result of one such computer generated specification might be considered a "composition" or the framework of a composition, or a stimulus for improvisation, etc.

At present, the programming is essentially complete for the section of the "master program" which deals with attack density; only such details as the control of density over an indeterminate number of instruments, and the definition of input/output conventions, remain to be done. Several different approaches to the problem of generation of pitches and specification of their control have been and are being investigated; since it is desired to be stylistically as general as possible, so that any organization from intervallic to triadic to indeterminate (non-tempered) might be chosen, the problem is not a trivial one.

President's Report 1972-73 (continued)NEW MUSIC COLLOQUIUM, 1973

1973's New Music Colloquium brought to our campus the noted American composer and conductor Lukas Foss. During the two days of the Colloquium, March 13 and 14, Mr. Foss delivered three informal lectures to audiences composed primarily of music students and faculty, but which included observers from other faculties and interested guests of the university. During the unassigned hours of March 13 and 14, Mr. Foss was available to speak individually with those interested, and to supervise rehearsals.

Three programs of contemporary music were presented, covering historically the period from Webern to the present day, and idiomatically from the relatively conservative to the avant-garde and mixed media. On the evening of March 13, the large ensembles of the Music Faculty, the University Singers, the Wind Ensemble and the Symphony Orchestra presented a joint concert in Althouse College theatre. On the afternoon of March 14, recent works by eighteen of our student composers were performed in the Faculty of Music Recital Hall. The Colloquium concluded with a concert in the Recital Hall on the evening of March 14, which included a recent work by Professor Arsenio Giron of the Music Faculty. Both evening concerts included works by Lukas Foss. Five prominent Canadian composers were also represented.

MUSIC EDUCATION DEPARTMENT - Professor J. P. Green, Chairman

During the year, undergraduate programs were revised extensively to accommodate recent developments in the field of music education. These curricular changes will enable students to shape highly individual patterns according to their own special interests and career aspirations.

Faculty members in music education were prominent as performers, special lecturers and adjudicators. A number of these are highlighted below:

Professor Paul Green gave the opening paper at the First Music Education Research Symposium in Ottawa and adjudicated at St. John's Newfoundland Music Festival.

Professor Hermon Dilmore gave a demonstration with the London Suzuki children at the National Arts Centre.

Professor Kenneth Bray was elected President of the Canadian Music Educators' Association. His commissioned work "Carols Olde and New" was performed by the London Youth Orchestra.

Professor Donald McKellar was elected Vice-president of the Canadian Association of the University Schools of Music. He adjudicated bands in British Columbia.

Professor D. Johnson has been elected to the Board of Directors for the Ontario Choral Federation and conducted the Faculty of Music Singers at the American Choral Directors' Convention in Kansas.

President's Report 1972-73 (continued)

A Music Education Symposium featuring Bennett Reimer created considerable attention throughout the province, particularly with regard to aesthetics and the philosophy of music education.

The event which created the greatest enthusiasm, however, was the visit of the Suzuki Children of Japan. Their demonstration and concert performance in Alumni Hall has given new impetus to the London Suzuki Children Project which is co-sponsored by the University and the London Board of Education. This continuing project is drawing attention as one of the most thriving Suzuki colonies in North America.

A wealth of teaching experience in Canadian schools represents a central strength of the Music Education Department and faculty members are continuing to be recognized for the leadership they are contributing in various professional activities.

MUSIC HISTORY DEPARTMENT - Dr. P. Downs, Acting Chairman

Although the percentage of students choosing the area of Music History as a major remains a small one, those making this choice are almost invariably from among the best students of the Faculty. Of the three undergraduate Music History majors this year, one has gone on to graduate work at Stanford, another to Toronto, while the third, quite as capable as the others, has chosen to lie fallow for a year.

In the area of graduate teaching, the Department hopes to graduate its second M.A. in the Fall Convocation. (Our first M.A., Murray Charters, is now in the final stages of completing his Ph.D. at London University, England). There is evidence that the graduate program in Music History is developing well and the Fall of 1973 should see at least three students enrolled in the M.A. program.

In discussion of the doctoral program, the Music History Department has pressed the graduate committee of the Faculty to allow it to proceed in the preparation of a submission for the establishment of a Ph.D. Here again, the Department is in a particularly favorable position since its four senior members all possess a Ph.D. It is hoped that this aspect of development will be pursued.

Special notice must be taken of the contribution made to the Faculty by Professor Tim Aarset who replaced Dr. Greene. Professor Aarset offered graduate and undergraduate courses and also was responsible for the activities of the Collegium Musicum. He brought to the Faculty the fruits of a specialized training, and in the playing of old instruments and in knowledge of the repertoire of the Baroque and earlier periods, he has demonstrated unique ability. Professor Aarset's impact on the student body and upon the university community has been such that his performances were inevitably packed. It is with regret that we announce his departure.

During the course of the year, James Stark successfully completed his Ph.D.



President's Report 1972-73 (continued)

at the University of Toronto defending his thesis entitled, "The Rise of Virtuoso Singing", on May 4, 1973.

At the recent meeting of the C.A.U.S.M. Dr. Karin Pendle read a paper entitled "The Transformation of a Libretto: Goethe's Jery Und Bätely."

Dr. Downs again served as Chairman of the Program Committee of the London Symphony and Secretary-Treasurer of the London Music Scholarship Foundation. Professor J. Stokes was named Vice-President of the London Symphony Orchestra, an organization in which he plays double bass. Both he and Dr. Downs have been members of the Board of Directors of the London Symphony Orchestra for some time as has Dean von Kuster.

As retiring Dean I wish to close by paying tribute to the members of the faculty and support staff who have worked so arduously and who have achieved so much on behalf of the faculty. Their collective achievement is symbolized by our re-location on campus in a new building. We are appreciative, too, of the unfailing support we have received from all sectors of the University community. This support will continue, I know, under the leadership of Dean-elect Hugh J. McLean who will take office on July 1st, 1973.

Education

The number of students in our undergraduate program continues to increase. The number of applicants for the highly competitive program continues to be very large. These numbers represent a very high level of interest and ability among applicants and only fifty could be admitted. Clinical experiences continue to be a major component in admitting new students. The opening of University Hospital under the direction of Dr. [Name] has not only provided learning experiences for all clinical years.

The nursing curriculum for the program for Registered Nurses is being reorganized in order to meet the requirements. The program should permit an increase in clinical practice.

Enrollment in the graduate programs is increasing, particularly the enrollment of post-graduate students. The proposed report of Dr. Margaret Thelma was studied carefully and a response to it was forwarded to the Department of Graduate Studies by Dr. Amy Griffin, Coordinator of Graduate Studies. The program is Administration

## Report of the Dean

PROFESSOR R. CATHERINE AIKIN

During the academic year 1972-73, major changes took place in the administration. Dr. O. H. Warwick resigned as Vice-President (Health Sciences) on December 31, 1972. Under Dr. Warwick's leadership, great progress was made towards a true Health Sciences Complex. His support and encouragement of activities within the Faculty of Nursing is sincerely appreciated.

Dr. M. Josephine Flaherty has been appointed Dean of the Faculty of Nursing, commencing July 1, 1973. The faculty and staff look forward to working with this outstanding nursing leader. Dr. Flaherty has visited the University on numerous occasions during the past few months.

The opening of University Hospital in September was a very welcome occasion, terminating many years of planning. The faculty and students are enjoying the new facilities. Both graduate and undergraduate students had clinical experiences in the new hospital this spring.

Again, the building plans have been delayed. They were put out to tender in the late fall, but the Government of Ontario placed a freeze on all building funds in December. There is no indication when funds may be available.

The history of nursing at Western entitled, "People and Ideas" was finally published. It was written by Hendrick Overduin. A grant from the Richard Ivey Foundation assisted in making the publication possible.

Education

The number of students in both undergraduate programs continues to increase. The number of applicants for the basic nursing program continues to be very large. There were approximately seven hundred and fifty applicants and only fifty could be admitted. Clinical experiences continue to be a major deterrent to admitting more students. The opening of University Hospital eases the situation somewhat, but does not provide learning experiences in all clinical areas.

The nursing content in the program for Registered Nurses is being reorganized in order to meet the objectives. The changes should permit an increase in clinical practice.

Enrolment in the graduate programs is increasing, particularly the enrolment of part-time students. The appraisal report of Dr. Margaret Shetland was studied carefully and a reaction to it was forwarded to the Dean of Graduate Studies by Dr. Amy Griffin, Coordinator of Graduate Programs. The program in Administration

has been reorganized into a one-year program, similar to the program in Education. Applicants who do not meet the admission requirements may be admitted as special undergraduate students to complete the studies needed.

The Faculties of Medicine and Nursing are continuing to cooperate with Medical Services, National Department of Health and Welfare, in offering a program to prepare nurses to work in the North. Unfortunately, Medical Services was only able to send two students during the fall term, but none during the spring term. Mrs. Carol Anonsen, together with the medical faculty, has arranged to have made twelve audio-visual cassettes. These will be of special interest to Northern Nurses, but also to our other students.

The nursing faculty continue to be interested in the so-called "Expanded Role of the Nurse". A committee of representatives from the Faculties of Medicine and Nursing and Fanshawe College has been established to coordinate any programs which might be established. Miss Barbara Brown and Mrs. Ann Bell have studied the role of the nurse at the Southwest Middlesex Health Centre. Dr. J. W. Orchard and Dr. J. P. Newell assisted in this study. A detailed job description and orientation program have been developed.

### Research

Mrs. Vivian Wood continues to do case research into student nurses' problems, particularly problems of student nurses in community colleges. Mrs. Wood's Casebook in Nursing Education was published in November 1972. The publication of this casebook was made possible by a grant from the Richard Ivey Foundation.

Dr. Amy Griffin is Chairman of a research committee of the College of Nurses of Ontario. This committee is planning a study of nursing practice.

Other faculty are obliged to give priority to teaching and have little opportunity to engage in research.

### Faculty

Mrs. Wendy Gerhard has been elected President of the Registered Nurses Association of Ontario. She is a member of the Board of Directors of the Canadian Nurses Association. She also is President of the Registered Nurses Association Foundation.

Dr. Amy Griffin is serving as a special consultant for the World Health Organization. Her assignment is for three months in the Philippines. She is Chairman of the Committee on Studies for the Canadian Association of University Schools of Nursing. She continues to serve as a member of the Research Review Committee of the Ontario Council of Health.

Miss Dorothy Hibbert is a member of the Council of the Ontario Region of the Canadian Association of University Schools of Nursing. She is a member of the Registered Nurses Association Sub-Committee on Labor Relations. She has conducted several workshops for various health agencies.

Mrs. Vivian Wood presented a paper at the Fifth International Round Table for the Advancement of Counselling in Paris, France. She received a Canada Council Travel Grant to attend this Round Table. She conducted six, two to three-day workshops in various centres across Canada. She served as a member of the Council of the College of Nurses of Ontario.

Miss Jessie Mantle is a member and secretary of the Provincial Review Board of the Ontario Council of Health. This Committee reviews all new health programs which Colleges of Applied Arts and Technology wish to mount. She conducted many workshops for various health agencies.

Miss Jean Forrest served as the nurse member of a multiprofessional Department of Health Committee to study nursing services of the Ontario Society for Crippled Children. She is a member of the Task Force to develop a plan for the transfer of diploma nursing schools into Fanshawe College.

Miss Louise Brown gave leadership in presenting the Alumni Conference in May. The conference was entitled, "Understanding and Helping Families in Modern Society".

Miss Christina Gow is serving as a member of the Council of the Ontario Region of the Canadian Association of University Schools of Nursing.

Many other faculty attended conferences and professional meetings and participated actively.

### Appreciation

The Faculty of Nursing is grateful for the contribution and cooperation of Faculties of Arts, Medicine, Science and Social Science and the various health agencies in London. The assistance of these groups in planning and teaching courses and arranging for clinical experiences is sincerely appreciated.

FACULTY OF PHYSICAL EDUCATION

Report of the Dean

PROFESSOR EARLE F. ZEIGLER

Note: This annual report is divided into five parts, which corresponds with the five budgetary sub-units of the new Faculty of Physical Education.

The first part was prepared in the Office of the Dean and represents both an introduction and summary. The other four parts were prepared and written in the offices of each of the four program chairmen - the Undergraduate Program, the Graduate Study and Research Program, the Physical Recreation & Intramurals Program, and the Intercollegiate Athletics Program.

This statement and the individual program reports which follow describe briefly and concisely that which has occurred during the Faculty of Physical Education's first year of operation. This total effort has involved a blending of the undergraduate program, the graduate study and research program, the physical recreation & intramurals program, and the intercollegiate athletics program. Because of this integrated development, the faculty, students and staff have had an opportunity to create a university situation in physical education, sport, and dance that has rarely been duplicated elsewhere in the world. This is so because we are being encouraged to move toward a level of excellence within an educational environment where intellectual achievement is valued highly, where fine professional preparation is considered most important, and where life enrichment is a major, long range goal. Those working in this Faculty feel that "total fitness" can be achieved only through the inclusion of physical recreation and sport in one's life style.

With this in mind we are working toward the establishment of a model program in which a concept of "balanced excellence" will

prevail within a reasonably short period of time. By this we mean a total program in which the various divisions are uniformly excellent and not "out of balance." Thus, whether one is assessing the quality of undergraduate instruction, the opportunities for physical recreation available, the range of some thirty-eight varsity sports (22 for men and 15 for women), or the quality of the instructional classes or research effort within the graduate program, he will find men and women working cooperatively with students in an effort to provide the finest type of learning situations through the media of sport, dance, play, and exercise. Interestingly enough, there is an opportunity for all members of the University community to join this effort in some capacity in at least one of the various programs operating within the Faculty.

The reader will note that certain sub-headings will re-occur throughout each of the program reports which follow - to the extent that it has been possible to follow this recommended format. They are (1) Student Enrolment, (2) Curriculum, (3) Goals Achieved, (4) New Goals Proposed, and (5) Unique Problems. Having read each of these reports carefully, and based on observation and involvement to the extent possible during the past year, the Office of the Dean has prepared the following summarizing statements:

The Undergraduate Program. This Program has a new chairman, a new counseling system, a new set of offices, and many of the "same old problems." The 1973 graduating class was the largest ever, and all indications point to increased enrolment (by action of the Executive Committee after consultation with the Admissions and Promotions Committee) in the first and second year groups for

1973-74 and thereafter. A highly interesting new development approved by SCAAPP for transmission to the University Senate is the new General B.A. Program in Physical Education. It was a busy and productive year for the Curriculum Committee in which the concept of a core of theory courses was approved by the Faculty, and there was agreement further that four academic streams would be explored and developed as follows: disciplinary, teaching-coaching, motor performance, and general.

The Graduate Study and Research Program. The 1972-73 year was a truly important one for the Graduate Study and Research Program because of the vitalized organizational pattern that was developed under a new chairman. A new "high" of seventeen professors held graduate appointments involving varying percentages of their time. The proposed Ph.D. Program received the approval of the University's Internal Appraisals Committee, but implementation of this proposal will not be possible until the Provincial Discipline Planning Group has made recommendations to A.C.A.P., and then subsequent discipline appraisal by O.C.G.S. has taken place. It is a pleasure to note that both "inside" and "outside" research grants have increased markedly. Further, significant advances have been made in regard to the addition of both research and instructional laboratories, notably the transferral of the Sports Psychology Laboratory and the Sociology of Sport Research Office to Talbot College (4th Floor) and the development of the Biomechanics Laboratory, the Sport Telemetry Laboratory, and the second Instructional Laboratory in the basement of Thames Hall. Further areas in which research will be developed are the Center for Treatment of Sports Injuries and the Exercise Rehabilitation Clinic.

The Physical Recreation and Intramurals Program. As with all of the programs of the Faculty, a new chairman was appointed for Physical Recreation and Intramurals as well - although it turned out to be the same person who held the post

before the amalgamation of departments and programs. In January of 1973 the Office of the Physical Recreation and Intramurals Program moved to the new University Community Center, and a new era had begun in which this important phase of the Faculty's program will have a "home" where it gets first priority in the use of certain physical recreation facilities on campus. P.R.&I. is moving along very nicely now, therefore, and expectations are that this phase of the total program will continue to develop apace in an effort to serve the physical recreational needs and interests of the University Community to the greatest extent possible within any possible limitation of funds. (It should be noted at this point that it is legitimate to employ B.I.U. funds for this program if such funds can be made available from the earned instructional unit income.) All in all, there is no doubt but that a "new day" for P.R. & I. has arrived at Western, and it is here to stay!

The Intercollegiate Athletics Program. Another new chairman was appointed for this program too -- this time as of January 1, 1973 when J. P. Metras relinquished his post as Athletic Director and moved over to the Secondary School Liaison Office (while on a year's leave for a special assignment!). Thus, an era has ended, and it is our hope to build on this tradition and develop an even better and more extensive program in the future. There are a number of serious problems facing varsity sports everywhere at the present time, and the most troublesome one is an adequate amount of money at a point where steady-state enrolment seems to have set in. Moreover, it is not legitimate in the Province yet to support this program from B.I.U. money - at best it's a gray area, and presently it would be unfair to ask for money from funds used for instructional purposes in this and other faculties on campus. Western has been fortunate, however, in that we have had a number of dedicated faculty members who continue to coach successfully, and others from outside faculties have offered invaluable



coaching assistance for very modest honoraria. But costs are continuing to mount at a startling rate, and a moderate "tug-of-war" is developing for Intramurals to recover a greater percentage of the student fee income derived. New sources of revenue will need to be uncovered quite soon. This brief statement should most certainly end on a positive note, however, since a fine program exists and every effort will be made to keep it that way - and to improve it further. Toronto and Western led the way in the Province with the greatest number of championships this past year, and prospects for next year are at least as bright as in the past.

The Office of the Dean. It has been an exciting and exhausting year for this Office; namely, the Dean, the Assistant Dean, the Administrative Officer, and the Secretary. This was especially so because of the amount of "organizational democracy" which exists at Western present (in our opinion a very fine state of affairs!). A further complication - which we would not have otherwise - is that the Dean and the Assistant Dean both carry half-time professorial workloads. All things considered, however, it appears to be possible to state that "it was a very good first year," and that the Faculty has been established on a reasonably firm footing. Of course, many different people had a hand in helping us to have such a good year, and for this assistance most sincere appreciation is gratefully expressed. If this Faculty did indeed get off to a good start, it was because of the efforts of faculty, staff, and students. The new chairmen really did well, and the Assistant Dean and Administrative Officer were invaluable in their efforts. If we "make it," it will be because we did it!

Earle F. Zeigler, Dean

Undergraduate Program  
1972-1973  
P. Stothart, Chairman

This first year as a Faculty of Physical Education has been, predictably, both a challenge and a trial. The challenge has been for four out of five brand new administrators to bring some definition to their responsibilities and to embark on the development of viable programs. The trial has been the effort of the total faculty to identify with and work within the very different structure of a Faculty. There are sound indications that all programs are thriving and, certainly, from the Undergraduate Program Chairman's chair, this is apparent.

Programs and Student Enrolment

Table I shows enrolment data for 'Honors' students over the last 3 years. Total figures remain relatively the same; however, it is worth noting that the 'Class of 73' was the largest Physical Education graduating class ever.

TABLE I - HONORS STUDENTS ENROLLED IN PHYSICAL EDUCATION

	<u>Year II</u>	<u>Year III</u>	<u>Year IV</u>	<u>TOTAL</u>
1970-1971	112	77	55	244
1971-1972	107	84	64	255
1972-1973	96	77	75	248

Enrolment in PE 20 decreased a little from 1971-72; however, the PE 31 offering attracted 95 students, which had the effect of pushing activities facilities to the scheduling limit.

TABLE II - STUDENTS ENROLLED IN FRESHMAN AND GENERAL COURSES

	<u>PE 20</u>	<u>PE 31</u>
1970-1971	374	78
1971-1972	420	not offered
1972-1973	399	95

Although accurate data for non-honors enrolment in senior Physical Education courses is not available for past years, indications are that this year's figure of 266.5 enrolments exceeds any past enrolment figures.

Out of  $17\frac{1}{2}$  full Honors courses (made up of 13 full courses and 9 half courses) a total of  $25\frac{1}{2}$  lecture sections and  $33\frac{1}{2}$  laboratory sections were taught this year. PE 20 was taught through 10 lecture sections and 20 laboratory sections, while PE 31 was offered through 3 laboratory sections. These courses were taught by 32 faculty members whose undergraduate involvement ranged from 15% to 70% of total individual workloads.

### New Curriculum

The 1972-73 academic year saw 4 new Physical Education courses offered. Three of these, PE 245 (Survey of Physical Growth and Motor Development), PE 345 (Motor Development), and PE 445 (Physical Activity and Growth) collectively replaced the old course PE 340 (Growth and Development). The fourth course, PE 341 (Biomechanical Analysis of Physical Activity) is an intermediate level course in biomechanics. Several other developments have been made for the coming year and beyond but will be discussed in the following sections.

### Goals Achieved

Many goals, particularly of a curricular nature, were proposed and passed for the coming academic year 1973-74. More still were proposed for implementation after this coming year and will be discussed in the next section.

- (a) Each student must complete at least one course (within the three courses of PE 251, PE 351 and PE 451) in each of the following 4 activity areas: Aquatics, Dance, Individual Sports and Team Sports,
- (b) Each student will elect 4 activity courses to be taken within PE 251, PE 351 and PE 451. (A change from 6 activities in PE 251 and 5 activities in each of PE 351 and PE 451), presumably to afford more time per activity course,
- (c) Presently before SCAAP (to be offered beginning fall 1973): A General BA in Physical Education to include a total of 15 courses, of which between 5 and 7 full courses (PE 20 and PE 251 required) must be taken in the Faculty of Physical Education.
- (d) The term 'Health' has been removed from degrees awarded in Physical Education henceforth.

## Proposed Goals

- (a) Proposed and approved for 1974-75 is a core of theory courses which, besides PE 20, PE 251, PE 351 and PE 451, includes six (6) half courses in: 1) Historical-philosophical foundations, 2) Social Foundations, 3) Psychological Foundations, 4) Physiology of Exercise, 5) Biomechanics and 6) Anatomy. This core will be required of all Honors Physical Education students. All General Physical Education students will be required to take two of 1, 2 and 3 and two of 4, 5 and 6.
- (b) Faculty council has approved development of the streaming concept. Four streams will be developed: 1) Disciplinary, 2) Coaching-Teaching, 3) Motor Performance, and 4) General. Each stream will have a coordinator and all Honors students will be counselled to enter one stream.
- (c) Revision of PE 20 continues and includes a modular approach to lecture material drawn from the foundation areas of History-Philosophy, Sociology, Psychology, Physiology and Biomechanics. A further proposal is to replace PE 20 labs with a series of labs, tutorials and seminars which correlate closely with lecture material; and to introduce a new course PE 21 which would be an introductory course in activities.
- (d) The development of advanced level of activities courses has been proposed in line with the proposal for a "Motor Performance Stream."
- (e) Development of a counselling system mandatory for freshmen who wish to apply for second year Honors Physical Education has been approved.
- (f) More cooperation and a stronger liaison between faculty and students has been proposed.

## Unique Problems

Two particular problems remain to be solved in the future. The first problem, finances, has a particularly serious retarding effect upon the development and continued maintenance of meaningful, first rate activity and laboratory classes. The second problem is a general lack of cooperation and cooperative projects between programs, between groups, and between individuals.

Graduate Study and Research Program

1972-1973

F. J. Hayden, Chairman

Enrolment and Courses

Twenty-two full-time M.A. students were registered for the 1972-73 school year. An additional six part-time students were enrolled in Fall and Winter classes. Thirteen students were enrolled in the 1972 summer school graduate course.

Eight one-term courses were offered in the Fall term and six in the Winter term. In addition nine students undertook units of individual study and research.

New courses in Biomechanics and in the History of Canadian Sport were initiated on an individual study basis.

Degrees Awarded

Eight M.A. degrees in Physical Education were awarded at the Fall convocation and six in the Spring.

Graduate Assistantships

Fifteen students were awarded assistantships throughout the year for a total of \$22,700.00.

Administration

The Program was one of five administrative units within the new Faculty of Physical Education. Professor Frank Hayden was appointed to the chairmanship of the Program in July, 1972, returning to the campus after an absence of five years.

The Program policies were determined by the Graduate Program Committee which consists of all physical education faculty holding Graduate Faculty appointment, plus one representative elected by the students. Sub committees were established for:

Admissions and Promotion, Graduate Seminar, Ph.D. Program, Recruitment, the Comprehensive Examination, Data Processing Center, and Program Research Funds.

Policies and administrative procedures were established or revised in the following areas: Program research applications, comprehensive exam, non-thesis program, rules and procedures for meetings, graduate assistantships, student orientation, graduate seminar, administrative organization and procedures, admission and promotion, academic standards, individual study and research, thesis procedures, class sizes, course evaluations, course completion, course numbering and description, new courses, graduate advisors, outside courses.

### Faculty

Seventeen professor held Graduate Faculty appointments. Of these, two were absent on sabbatical leave (L'Heureux and Yuhasz) and four were new appointments (Barney, Hayden, Orlick, Stothart). Prof. Orlick has resigned to accept a position at the University of Ottawa and will be replaced in January 1974 by Prof. Bert Carron currently on the faculty of the University of Saskatchewan.

The graduate faculty was enhanced by the presence of Prof. Michel Bouet who spent the year with us on leave from the Université De Haute-Bretagne, France and by Profs. Bruno Balke of the University of Wisconsin and Lawrence Golding of Kent State University who shared the teaching of the 1972 summer course.

### Ph.D. Program

The Ph.D. proposal received the approval of the Internal Appraisal Committee of the Faculty of Graduate Studies. Further action awaits completion of the next phase of the work of the provincial Discipline Assessment Committee. The outside consultants are scheduled to visit the campus in September, 1973.

## Program Evaluation

In February, 1973 a written review of the Program was submitted for the consideration of the Graduate Faculty members. Strengths specified were: overall quality of faculty; research activities in some sub-disciplines; interdisciplinary activities with several other departments; general adequacy of facilities, equipment and finances; relatively untroubled administration; variety and quality of course and research offerings; general community relations.

In discussing weaknesses, suggestions for improvement included: reduction of isolation and fractionating of sub-areas; strengthening of faculty in some areas; more extensive involvement of faculty in research and writing; planning for a major Faculty or Program research project; accelerated laboratory development; improvement and centralization of library holdings; increased financial help for students including assistantships, scholarships, travel money and project research help; increased travel money for faculty; reduction of administrative time requirements; reduction of degree completion time; better definition of purpose and standardization of some parts of the program; better recruitment of students and screening of admissions; better student - advisor communications; better communication when students leave campus; more formalized and continuous communication with local school systems.

Physical Recreation & Intramurals Program

1972-1973

R. E. Zeisner, Chairman

For purposes of this report the Program of Physical Recreation and Intramurals will be divided into five areas.

- (a) Free Time Recreation
- (b) Instructional Classes
- (c) Competitive Sports
- (d) Sports Clubs
- (e) Physical Fitness Appraisal & Guidance

A. Free Time Recreation

Enrolment

No accurate statistics are kept on usage of any facilities except the swimming pools. It was observed that most facilities were heavily used during peak demand times. The tennis courts, squash courts, paddleball/handball courts, and ice rink were particularly popular. The opening of the facilities at the University Community Centre was delayed until March - so near the end of the winter term that the bulk of the students were unable to take advantage of them. However, after the new pool opened, recreational swimming figures tripled to about 2500 persons per week. It is anticipated that similar growth will be seen in the usage of the gymnasium, exercise room and squash/handball/paddleball courts.

Goals Achieved

- (1) Completion of the University Community Centre project - planning, programming and staffing. This occupied a good deal of the time of Professors Funston, Stewart and Zeisner.
- (2) An improved reservation and supervision system which promises to provide greater efficiency (people per hour) in the usage of the University Community Centre courts as well as the outdoor tennis courts.

Goals Proposed

- (1) To increase the number of persons utilizing the recreational facilities and services. This implies more facilities and equipment, more standardized hours at more convenient times and more effective promotion.



Unique Problems

- (1) The delayed opening of the University Community Centre.
  - (2) Scheduling problems encountered in Thames Hall, Alumni Hall and Althouse College.
- Each operates on a different set of priorities in which recreational activities rank very low.

B. Instructional ClassesEnrolment

<u>Activity</u>	<u>Enrolment</u>
Archery	8
Badminton	24
Dance	35
Handball	11
Figure Skating	15
Fitness	70
Paddleball	20
Squash	69
Tennis	20
Aquatics - Learn-To-Swim	20
Stroke Improvement	50
Junior Red Cross	16
Diving	28
Synchronized Swimming	42

During May and June classes in aquatics were offered for Faculty, Staff, Alumni and their families. The classes included the various Red Cross levels, Bronze Medallion, Adult Learn-To-Swim, Springboard Diving and infant swimming lessons, and will be repeated throughout the summer. Enrolment in May and June was 120.

Goals Achieved

- (1) The establishment of a much more efficient registration procedure.
- (2) Maintenance of high quality instruction while working within a modest budget.

New Goals Proposed

- (1) To introduce a fee. Courses for students have been free. It is felt that a fee will alleviate two problems. First, it will help offset expenses and second, it should help reduce the dropout rate which is disturbingly high.
- (2) To take all necessary steps to increase enrolment by 50%.

Unique Problems

- (1) High attrition rate (mentioned above).
- (2) Instruction - Since most instructors are hired from among the full-time students of the University to work part time, a good deal of supervision is required.

C. Competitive SportsEnrolment

The summer program involved over 500 persons in three softball leagues (Faculty - Staff mixed, Society of Graduate Students, Summer School Students), a soccer league, a co-ed volleyball league and an open Men's Basketball League. The basketball league was the first competitive activity operated by this program in which persons from outside the University Community were invited to participate. It was so successful that a similar league for women will be added next summer.

During the fall and winter participation in the men's sports was about 2300 and in the women's sports, about 554. The most satisfying new development was the success of the "co-ed" team sports for mixed groups. About 500 men and women competed in these activities where fun was the first and major objective.

The following table indicates the activities and number of competitors involved in the 1972-73 fall and winter terms.

<u>Activity</u>	<u>Men's Competitions</u>	<u>Players</u> <u>Women's Competitions</u>	<u>Co-Ed</u> <u>Competition</u>
Touch Football	70		
Softball	24	72	120
Golf	233	8	
Football tackle, powderpuff	240	93	
Soccer 11 man	224		
Track and Field	119		
Tennis - Singles, Doubles, Mixed	63	30	24
Cross Country Run	31		
Volleyball	216	245	126
Basketball	516	180	80
Bowling - 5 and 10 pin	130	57	44
Table Tennis - Singles & Doubles	73	8	4
Hockey	900		
Squash - League and Singles	75		
Waterpolo	80		72
Badminton Singles, Doubles, Mixed	66	45	28
Swimming and Diving	26		

continued)

<u>Activity</u>	<u>Men's Competitions</u>	<u>Players</u>	
		<u>Women's Competitions</u>	<u>Co-Ed Competition</u>
Handball Singles and Doubles	12		
curling			56
restling	38		
lacrosse	60		
archery	6	4	
Volleyball Singles, Doubles, Mixed	72	8	8
Soccer - Indoor 5-a-side	96		
Floor Hockey	240		

It should be noted that about forty students enrolled in P.E. 352 - The Organization and Administration of Physical Education - were involved in the administration of the various competitive sports as a practical experience for course projects.

#### Goals Achieved

- 1) Successful introduction of touch football and floor hockey into the Men's program and softball into the women's program.
- 2) Revamping of the men's hockey program to allow growth from 34 to 46 intramural teams.
- 3) Successful introduction of a co-ed team sports program with the result that a significant number of young ladies were added to the list of those who enjoyed competitive sports.
- 4) A much improved operation of the Men's tackle football league. There was better equipment and officiating provided and teams were better prepared. Discipline problems disappeared and although the number of players was the same as in 1971-72, the number of serious injuries dropped from 17 in the previous year to three in 1972-73.
- 5) The involvement of over 40 students enrolled in P.E. 352 - The Organization and Administration of Physical Education, in the organization and administration of the competitive program. The program and the students benefited.

#### New Goals Proposed

- 1) To improve officiating in both the men's and women's programs especially in basketball.
- 2) To establish acceptable terms of reference for the Men's and Women's Intramural Advisory Committees. These bodies must be encouraged and allowed to become more meaningfully involved in the program and to function more effectively as the voice of the students.

### Unique Problems

- 1) Delayed completion of the University Community Centre. This caused many events to be relocated, re-scheduled or delayed.
- 2) Outdoor ice rink. - In the current scheme we have reached our limit in hockey teams. Ice conditions, scheduling problems and ice making equipment inadequacies are such that only 46 hockey teams can be accepted in intramural competitions. Hockey is our most popular competitive activity and a number of men will not play because they do not find current conditions enjoyable or because of the limit which is imposed.
- 3) Playing fields. - The current situation in which the same space must be used for cricket, softball, soccer, field hockey and football has a great number of obvious limitations.

### Sports Clubs

#### Enrolment

Effective student leadership was the key to the success of this area of the program. The various club executives provided well organized instructional, competitive and social activities for members.

The Sports Clubs affiliated with the Program of Physical Recreation and Intramurals are listed below with their memberships.

Aikido	12	S.C.U.B.A.	56
Archery	20	Skiing	500
Cricket	26	Skydiving	150
Curling	350	Table Tennis	60
Fencing	70	Waterpolo (Women)	22
Judo	65		
Rowing (Women)	12		

The Women's Rowing has become recognized as an Intercollegiate sport and will not operate as a Club next year. Its place will probably be taken by a Karate Club. In addition, the Synchronized Swimming Club, which did not operate this year, will be re-organized in 1973-74.

Goals Achieved

- 1) Development of a policy statement regarding the relationship of Sports Clubs to this program.
- 2) The addition of Table Tennis as a Club activity.
- 3) The provision of much needed equipment for Archery, Cricket, Table Tennis, S.C.U.B.A., Sky Diving, and Fencing.

New Goals Proposed

- 1) To re-evaluate the policy statement referred to above after one year's experience with it and to make any necessary and desirable modifications.
- 2) To reorganize the Synchronized Swimming Club.
- 3) To encourage the organization of Clubs in Karate, Badminton, Orienteering, Team Handball, Cycling, Shooting and Weight Lifting.

Unique Problems

A number of Clubs had great difficulty in obtaining space at suitable times for their activity. They were Women's Waterpolo, Curling, Fencing, Table Tennis, Aikido, Judo. This problem will continue in 1973-74 for all the aforementioned Clubs except Women's Waterpolo.

E. Physical Fitness Appraisal and GuidanceEnrolment

About 75 persons took advantage of this service.

Goals Achieved

The successful operation of this service in its first year is considered an achieved goal.

Problems and New Goals Proposed

The only problems encountered had to do with numbers and waiting times. Many more persons requested the service than could be accepted. Those who were accepted often had up to two weeks wait before their initial interview. It is proposed that, if it is financially feasible, more man power be put into this service such that more people receive faster service.

Other New Goals

- 1) To organize the Exercise Therapy Clinic.

Intercollegiate Athletics Program

1972-1973

R. K. Barney, Chairman

INTRODUCTION

The program of intercollegiate athletics at the University of Western Ontario must certainly be viewed as being one of the most unique and versatile of any to be found in a university or college setting on the continent. On May 1, 1972 the Faculty of Physical Education was established as a new academic entity within the University. The program of intercollegiate athletics became but one of the important missions of the new Faculty. Athletics at Western thus became solidly wedded and deeply embedded in the philosophic underpinnings of the institution's educative process. Intercollegiate athletics are considered by the Faculty to be a program of excellence in offering opportunities to college students of both sexes to participate in competitive sports, administered and coached by a group of faculty members whose dedication, enthusiasm, and qualifications can only be considered as outstanding. The 1972-73 year also marked the retirement from the direction of the program of Mr. John Pius Metras, following a career of over 3 1/2 decades of service. Certainly Western owes much to the leadership of John Metras. His post was assumed on January 1, 1973 by Dr. Robert Knight Barney.

PROGRAMS

The versatility of the program reflects one of its most positive virtues. Twenty-two men's sports are carried out, all of which culminate in O.U.A.A. (Ontario Universities Athletic Association) championship competition. Fifteen women's sports are offered, resulting in competition for O.W.I.A.A. (Ontario Women's Intercollegiate Athletic Association) championships. Over 450 young men participated in the program while the figure for women was slightly in excess of 175.

## GOALS ACHIEVED

The 1972-73 activities of the intercollegiate athletic program were built on a budget model of \$285,000. Approximately \$270,000 were spent. Thus, meeting the annual budget model can be termed as a success.

Aside from budget the program was successful in adding to its staff several excellent young men and women coaches. Then, too, it is probably important to note that the parity of expenditure in the operating of men's and women's sports was quite equitable. Dollar expenditure from men to women reached just about the proportion between the two in terms of numbers participating.

Under the subject of goals achieved one would be remiss not to note the several regional and national successes of specific sports in the program. In this regard, it might be mentioned that of the twenty-two sports in which O.U.A.A. championships are concluded, Western won six, of which only the University of Toronto with seven titles, won more. Those Western successes in this vein were: rugger, indoor track and field, curling, badminton, squash racquets, and wrestling. The wrestling team, under the direction of Dr. Glynn Leyshon, advanced beyond the O.U.A.A. championships to annex the C.I.A.U. (Canadian Intercollegiate Athletic Union) title. Two women's sports teams won conference championships. They were basketball and volleyball, both of which gained runner-up positions in the national collegiate championships for women. In general, Western was excellently represented in terms of quality in all sports which it undertook and once again brought credit and reflected positively on the University.

## NEW GOALS

Certain goals have been outlined for the coming 1973-74 year.

Among these are the following:

- a. The continued carrying out of the program under the budgetary restrictions brought about by anticipated and realized student shortfall.
- b. The centralization of certain budgetary items to provide for easier allocation and accounting.
- c. Replacing certain faculty members who for various reasons have terminated their affiliation with the intercollegiate athletics program. Foremost in mind is the appointment of specialists whose leadership is strategic in the continued improvement of specific programs.
- d. The addition of new sports opportunities for both men and women. In this regard women's rowing has been added to the galaxy of women's sports and it appears that men's judo will follow in the almost immediate future.
- e. The crystallization of efforts to make uniform and encompassing, the program of medical checkups prior to participation in all sports, for both men and women.

## PROBLEMS

The major problem facing the program is one firmly attached to budget travel. It is now apparent that the increasing financial responsibilities related to equipment, travel, and the salaries of faculty coaches, especially when placed against the almost static types of revenues realized, are becoming alarmingly burdensome. Some other method of financing a portion of the intercollegiate athletic program must be implemented. The largest concern by far, and the most draining to the total budget, is the cost of faculty salaries for that portion of their time devoted to athletics. Some other way than presently exists must be found to offset this tremendous drain if the program is going to continue in the same way, let alone in seeing natural and hoped for progress result.



## CONCLUSION

At this time and date the program of intercollegiate athletics feels a great deal of pride in being able to offer such a widely diversified program of activities under the leadership of such excellently qualified and dedicated coaches. At the same time, it is gratifying to note that Western is among the university leaders across Canada in preserving the high standards of the amateur ideal in sport, and in negating the forces of economic commercialism which have seen fit to have been embraced by some. Intercollegiate athletics at Western are in large measure completely financed by the students themselves. The administration of the program has been entrusted to university faculty by the students. This positive accountability by the faculty to the students is one which is constantly kept in focus. The preservation of such a custodianship is a continuing goal of the program.



FACULTY OF SCIENCE

## Report of the Dean

PROFESSOR ANDREW E. SCOTT

The year just past has witnessed a number of developments which give us cause to ponder the future with some trepidation. The promise of reduced enrolments and the cancellation of the Faculty of Science building programme, together with the fiscal restraints imposed during the past 12 months, have all combined to create an abrupt awareness of the sudden change which has taken place in the slope of our growth curve. We now look forward to a period of consolidation with little growth expected.

One highlight of the year was the completion of the much needed addition to our Science Library. This additional space will not only help in alleviating crowding in our reading rooms, particularly during examination periods, but will also provide approximately 50% additional stack space.

Faculty Activities(a) Honors and Awards

It is a pleasure to record the completion of an academic "hat trick" by Dr. G.M. Bancroft of our Department of Chemistry. In addition to winning both the Meldola Medal of the Royal Institute of Chemistry and the Harrison Memorial Prize of the Chemical Society, Dr. Bancroft has recently been awarded the prestigious E.W.R. Steacie Memorial Fellowship of the National Research Council. A truly remarkable achievement!

The title of Professor Emeritus has been conferred on Professor Gordon R. Magee who for many years was Head of the Mathematics Department and who for the past six years has been teaching in the department on a part-time basis. We wish Dr. and Mrs. Magee a long and happy retirement.

During the year two members of the Department of Plant Sciences have accepted important offices with two National bodies. Dr. D.B. Walden has been elected Vice-President of the Biological Council of Canada and Dr. P.D. Cavers became President of the Canadian Botanical Association at the annual meetings of the Association which were held at Western during the first week in June.

Dr. D. Borwein, Head of the Department of Mathematics has been elected a Vice-President of the Canadian Mathematical Congress. Professor L.F.S. Ritcey who is continuing a post-retirement appointment as Richter Professor of Actuarial Mathematics has been re-elected to the Council of the Canadian Mathematical Congress for a further two years.

## Faculty Activities

### (b) Academic Developments

We welcome to our ranks two new department chairmen from outside the University, Dr. John B. Bancroft and Dr. J. Parker Alford. Both are distinguished academics and both are Canadians! Dr. Bancroft is currently Head of the Virology Research Department of the John Innes Institute in Norwich, England. He will be joining us in July as Chairman of the Department of Plant Sciences. Dr. Alford, currently at the University of Rochester, will also be joining us in July as Chairman of our Department of Physics. It is interesting to note that not only is Dr. Alford a Canadian but he originally hails from London, Ontario and is a graduate of the University of Western Ontario.

We also welcome two new senior appointees to the Faculty. Dr. J. Nuttall, who for the past year has been a Visiting Professor in the Department of Physics, has now joined the department with the rank of full Professor. Dr. Nuttall's immediate past appointment was with the University of Texas. The Department of Computer Science is the beneficiary of the second appointment. Dr. E.W. Elcock joins that department with the rank of full Professor. He comes from the University of Aberdeen. Like Dr. Nuttall, Dr. Elcock also held a Visiting Professorship at Western during the past year.

Towards the close of the academic year Dr. W.C. Howell, Assistant Dean of the Faculty of Science for the past four years, was appointed Executive Secretary of the Senate effective January 1st 1974. Previously Dr. Howell had been re-appointed as Assistant Dean for five years upon the expiry of his current term.

During his tenure of office, Dr. Howell has shown himself to be a most capable and effective administrator. In addition, he has maintained an equally effective role as a teacher of one of the larger chemistry classes. I wish to take this opportunity of thanking Dr. Howell for his help and support in his capacity as Assistant Dean and of wishing him every success in his new post.

Last year it was reported that the Biology 3 + 1 program was about to be implemented. The first year has passed and although we have experienced a number of "teething troubles" we look forward to the steady development of this important program in the years to come.

New 3 + 1 programs have also been approved for the Departments of Chemistry and Geology and will be implemented in September 1973. The Chemistry program has a number of unique features, not the least being the opportunities it provides for the development of closer ties at the undergraduate level with other science departments e.g. Geology.

Once again numerous members of the Department of Geology maintained a close liaison with Earth Science teachers in our secondary schools. This year this effort has borne fruit in that Shell Canada Limited has agreed to support a teachers' workshop at Western for the summers of the next three years with a grant of \$42,000. Special credit must go to Professors Hutchinson and Winder for this achievement.

The Department of Geophysics marks a milestone with the retirement of Mr. Z. Logis, the Administrative Assistant, who has, over the past decade, given faithful service to the Department. We thank Mr. Logis for his service and wish him well on his retirement.

In September, Dr. A.E. Beck relinquished the Acting Chairmanship of the Department of Geology on the arrival of Dr. W.S. Fyfe the incoming Chairman. For over a year Dr. Beck carried a double administrative load with remarkable success. I thank him for his willingness to undertake such an assignment and for a job well done. He is proceeding on a well earned study leave. During his absence Dr. R.F. Mereu will be Acting Chairman of the Department.

I also wish to thank Dr. P.A. Fraser of the Department of Applied Mathematics for assuming the post of Acting Chairman during the absence on study leave of Dr. J.H. Blackwell. Dr. Blackwell will shortly be returning to become Chairman of the Department for a three year term.

The new Master of Arts in Teaching program in Mathematics has been approved by O.C.G.S. and Senate. This is expected to be the forerunner of a number of such programs carried on in conjunction with Althouse College. It is anticipated that the first students in this program will be enrolled in September 1974.

The 29th Ontario Mathematical Meeting was held at Western on October 28th 1972. Over 100 mathematicians from Ontario and Quebec participated. Our mathematicians continue their active role in the Canadian Mathematical Congress as was stated earlier.

Two other acting chairmen will relinquish their duties later this year. They are Dr. G.F. Lyon, Professor and Acting Chairman of the Department of Physics and Dr. D.B. Walden, Professor and Acting Chairman of the Department of Plant Sciences. I wish to thank both these gentlemen for cheerfully accepting their roles under somewhat difficult circumstances and for carrying out their duties extremely well.

### Research Activities

A measure of the extent of the research being undertaken is given by the order of magnitude of the monies granted by the various funding agencies. This year for the twelve month period ending May 31st the total expenditure on research in the Faculty of Science was \$1,877,834. This sum compares with a total University research expenditure of \$8,281,382 or roughly 23%.

Last year I reported that a proposal to form an Interdisciplinary Group in Chemical Physics was submitted to the National Research Council of Canada for consideration for a Negotiated Development Grant. I am indeed pleased to report that the application was successful and that a grant of \$460,000 has been made to inaugurate a Visiting Fellows Program in Chemical Physics. Dr. J. William McGowan, to whom must go a very large share of the credit for obtaining the grant, is acting Director of the Group until a Director is chosen. A direct result of the formation of this group will be the closer collaboration between faculty members in the Department of Applied Mathematics, Biophysics, Chemistry, Physics and the Cancer Research Clinic.

The Photochemistry Unit has had another successful year during which a review by SCUD and Senate resulted in an extension of the University Funding period for a further three years, after which a further review will be undertaken. In March, Dr. J.C.D. Brand succeeded Dr. Paul de Mayo as Director of the Unit.

The third research grouping in the Faculty of Science, the Centre for Radio Science, continues to expand its activities. The annual report of the Centre was received by Senate in May. For the past year the Centre was under the acting Directorship of Dr. J.A. Fulford during the absence on leave of its Director, Dr. P.A. Forsyth.

The confirmation of the appointment of Dr. E.W. Elcock to the Department of Computer Science has greatly strengthened research activities in the field of Artificial Intelligence. I am pleased to report that the Federal Department of Communications has extended a contract of \$22,000 for further research in this field. The Artificial Intelligence group also convened a conference in May at which a new Canadian Society for A.I. was formed with Dr. Elcock as Chairman. Another area of development is in connection with retrieval systems relating to Community computing. This new field is expected to be of great importance as municipalities develop information systems in Libraries, Social Service Bureaus and Information Services.

During the year the 24th quadrennial International Geological Congress took place and for the second time Canada (Montreal) was the host country. Members of the faculty of the Department of Geology played an active part in making this important event a success.

Both the Departments of Plant Sciences and Zoology continued to improve their research records. In the former department the dollar value of research grants to faculty exceeded \$150,000 for the first time, an increase of more than 25% over the 1971-72 year.

Despite the very heavy teaching load of the Department of Zoology the department is becoming increasingly active in research. Research grants awarded for the 1972-73 year total \$190,870 an increase of 50% over the year before and 2.3 times as much as the 1970-71 figure. The Department now has several post-doctoral fellows contributing actively to teaching and research.

### Conclusion

Once again this report would be incomplete without grateful acknowledgement to the many important contributions made by the members of faculty and supporting staff throughout the year. Their help and cooperation are essential ingredients in the recipe for a strong and effective Faculty of Science.

## FACULTY OF SOCIAL SCIENCE

## REPORT OF THE DEAN

Grant L. Reuber

S U M M A R Y1. Enrolment

a) Undergraduate: Figures on undergraduate enrolment in Social Science courses are shown in Tables 1 and 3 from 1969/70 to 1972/73. The following points might be particularly noted:

i) In 1972/73 enrolment in Social Science courses accounted for 43 per cent of all course registrants in the Faculties of Arts, Science and Social Science.

ii) From 1971/72 to 1972/73 enrolment in all Social Science courses increased 3.9 per cent, compared to 7.0 per cent a year earlier and 18.4 per cent the year before that.

iii) This deceleration in the growth in course registrants reflected widely divergent rates of change among the various Departments in the Faculty. The most rapid increase occurred in Anthropology (an increase of 45 per cent from 1971/72 to 1972/73), in part reflecting the recent birth of the Department. Above-average increases also occurred in Sociology (30 per cent), Secretarial Science (16 per cent), History (12 per cent) and Political Science (12 per cent). Enrolment in Economics increased 1 per cent. By contrast the number of course registrants decreased substantially in Psychology (7 per cent), in Geography (12 per cent) and in Journalism (17 per cent).

iv) About 39 per cent of intramural Social Science course registrants were registered in 20-level courses, 33 per cent in general courses and 27 per cent in honors courses. The increase in the ratio of honors to general course registrants from a year ago mainly reflects curricula changes, particularly in the Psychology Department, which combined many general and honors courses.

TABLE 1

UNDERGRADUATE ENROLMENT IN SOCIAL SCIENCE COURSES, 1969/70, 1970/71, 1971/72  
and 1972/73

(number of course registrants)

<u>Department</u>		<u>Intramural</u>			<u>Total</u>	<u>Summer School and Extension</u>
		<u>20-Level</u>	<u>General</u>	<u>Honors</u>		
Anthropology	1970	268	-	-	268	187
	1971	347	-	192	539	252
	1972	501	-	283	784	345
Economics	1969	1167	1177	367	2711	403
	1970	1150	1563	401	3114	283
	1971	1287	1634	286	3207	332
	1972	1287	1622	331	3240	291
Geography	1969	476	431	522	1429	193
	1970	464	498	638	1600	320
	1971	548	619	623	1790	374
	1972	377	592	605	1574	292
History	1969	622	736	455	1813	500
	1970	605	846	594	2045	587
	1971	789	666	761	2216	619
	1972	939	519	1019	2477	617
Journalism	1969	328	-	249	577	125
	1970	463	-	357	820	219
	1971	506	55	437	998	144
	1972	422	52	356	828	84
Political Science	1969	602	547	234	1383	149
	1970	472	623	234	1329	205
	1971	605	628	288	1521	236
	1972	479	699	518	1696	392
Psychology	1969	2007	2207	358	4572	1899
	1970	2184	2739	430	5353	2426
	1971	2205	3158	445	5808	2389
	1972	2221	1238	1930	5389	1992
Secretarial Science	1969	149	252	-	401	-
	1970	207	372	-	579	-
	1971	248	229	-	477	-
	1972	155	363	-	518	-
Sociology	1969	1323	1063	-	2386	1130
	1970	1626	1324	-	2950	1177
	1971	1463	1076	143	2682	1694
	1972	1439	1593	446	3478	1467
<b>Total</b>	1969	6674	6413	2185	15272	4399
	1970	7439	7965	2654	18058	5404
	1971	7993	8065	3175	19238	6040
	1972	7020	6678	5486	19984	5480



TABLE 2

GRADUATE ENROLMENT IN SOCIAL SCIENCE 1969/70, 1970/71, 1971/72, and 1972/73

(number of students)

Department	Master's Degree				Doctor of Philosophy				Total			
	1969/70	1970/71	1971/72	1972/73	1969/70	1970/71	1971/72	1972/73	1969/70	1970/71	1971/72	1972/73
Economics	25	28	31	19	24	48	40	50	49	76	71	69
Geography	32	52	55	46	14	34	35	31	46	86	90	77
History	20	38	45	42	9	20	15	15	29	58	60	57
Political Science	18	45	45	50	6	6	6	10	24	51	51	60
Psychology	24	48	42	50	38	52	55	65	62	100	97	115
Sociology	16	30	28	26	-	-	-	-	16	30	28	26
<b>Total</b>	<b>135</b>	<b>241</b>	<b>246</b>	<b>233</b>	<b>91</b>	<b>160</b>	<b>151</b>	<b>171</b>	<b>226</b>	<b>401</b>	<b>397</b>	<b>404</b>

TABLE 3

PERCENTAGE CHANGE IN ENROLMENT (INTRAMURAL) 1970/71, 1971/72, 1972/73

Department	<u>Undergraduate Course Registrants</u>			<u>M.A. Students</u>			<u>Ph.D. Students</u>			<u>All Graduate Students</u>		
	1970/71	1971/72	1972/73	1970/71	1971/72	1972/73	1970/71	1971/72	1972/73	1970/71	1971/72	1972/73
Department	18.4	7.0	3.9	77.4	0.7	-5.3	75.8	-5.6	13.3	76.8	-1.6	1.8
Anthropology		101.1	45.0									
Economics	14.9	3.0	1.0							55.1	-6.6	-2.8
Geography	12.0	11.9	-12.1							87.0	4.7	-14.4
History	12.8	8.4	11.8							100.0	3.4	-5.0
Journalism	42.1	21.7	-17.0							-	-	-
Political Science	-3.2	14.4	11.5							112.5	0.0	17.7
Psychology	17.1	8.5	-7.2							61.3	-3.0	18.6
Secretarial Science	44.4	-17.6	15.9							-	-	-
Sociology	23.6	-9.1	29.7							87.5	-6.7	-7.1

v) Enrolment in summer school and extension courses declined some 9 per cent from a year earlier. In 1972/73 enrolment in these courses was equal to 28 per cent of enrolment in intramural courses.

b) Graduate: The figures on graduate enrolment by Department are shown in Tables 2 and 3. In 1972/73 there were 404 graduate students enrolled in the Faculty, of whom 171 were Ph.D. candidates. Total enrolment increased 1.8 per cent from 1971/72: Ph.D. enrolment increased by 13.3 per cent and M.A. decreased by 5.3 per cent.

As in the case of undergraduate enrolment, the changes in graduate enrolment differed considerably among Departments. Increases occurred in Psychology and Political Science where enrolment grew by about 18 per cent. Decreases occurred in Economics (3 per cent), History (5 per cent), Sociology (7 per cent) and Geography (14 per cent).

c) Graduands: In 1972 the following degrees were awarded to Social Science students: 990 Bachelors degrees; 19 Diplomas; 81 Masters degrees, and 22 Doctorates. The Faculty also initiated an Awards Ceremony prior to Spring Convocation at which gold medals and other prizes were presented to graduating students. Some 350 parents and friends of the graduands in honors programs attended the Ceremony and the buffet lunch that followed.

## 2. Class Size

Data on the size of classes in Social Science subjects are summarized in Table 4. During 1972/73 the average size of a freshman class in Social Science numbered 78 students (6 per cent less than in 1971/72); the average size of a general course above the 20 level was 54 students (16 per cent less than in 1971/72) the average size of an honors class was 24 students (14 per cent less than in 1971/72); and the average size of a graduate class was 6 students (the same as in 1971/72). During 1972/73 the Faculty had 75 classes with less than 10 students and 45 classes (compared to 51 in 1971/72) with more than 100 students.

The biggest improvement has been the reduction in the number of classes with more than 150 students. In 1972/73 there were only 10 such classes, compared to 21 in 1971/72. Of these 10 classes, 9 were in

TABLE 4

CLASS SIZE BY DEPARTMENT AND PROGRAM 1972-73

## Number of Classes

<u>20-Level</u>	<u>0-10</u>	<u>11-50</u>	<u>51-100</u>	<u>101-150</u>	<u>151-200</u>	<u>201-300</u>	<u>300+</u>
Anthropology		3	7				
Economics		13	12				
Geography			1	3			
History		4	1	5			
Journalism				2	1		
Political Science	1	13	1				
Psychology		1	2	7	5	1	
Secretarial Sci.		4					
Sociology			2	11			
TOTAL	1	38	26	28	6	1	
<u>General Courses</u>							
Economics		18	15				
Geography		3	5	1			
History	4	8	1	2			
Journalism			1				
Political Science	4	11	5				
Psychology	2		2	1		2	1
Secretarial Sci.		9	1				
Sociology		8	20				
TOTAL	10	57	50	4		2	1
<u>Honors Courses</u>							
Anthropology	3	11					
Economics	10	10					
Geography	11	17	1				
History	19	18	8				
Journalism		13	2				
Political Science	4	20	2				
Psychology	11	25	13	3			
Sociology	6	19					
TOTAL	64	133	26	3			
<u>Graduate Courses</u>							
Economics	43	6					
Geography	24	4					
History	15	2					
Political Science	13	3					
Psychology	26	9					
Sociology	21						
TOTAL	142	24					

Psychology and 1 was in Journalism. No other Department in the Faculty had classes with more than 150 students enrolled.

As reported a year ago, the question of class size has been under active discussion with Department Chairmen and continued efforts are being made to close down very small classes in order to make more teaching resources available to reduce the size of very large classes. The general policy being implemented is that approved by the Faculty Council last year in its response to the Porter Report. Under this policy the following enrolment minima for offering a course have been adopted: 12 students for general courses and 5 students for honors and graduate courses. To implement this policy some Departments have decided to offer courses with low enrolment in alternate years.

Although some progress has been made in reducing the number of large classes in the Faculty it is evident that additional improvements can be made in this direction.

### 3. Teaching

During the past year two student teaching evaluations were conducted in the University, one under the auspices of the University Students' Council and the other under the auspices of the Senate. Many, if not all, members of this Faculty accept the usefulness of such evaluations. In April, the Faculty Council approved a recommendation from the Educational Policy Committee that "a common core of quantifiable items be used to evaluate teachers in all Departments in the Faculty". The Council also approved the use of this information, tempered by subjective judgements, in making decisions on all matters where teaching performance is a relevant consideration. While accepting the usefulness of such evaluations, there is also a widespread feeling in the Faculty that in future there should be only one such evaluation per year - not two, as in 1972/73.

The results of these assessments, classified by Department and for the Faculty as a whole, are shown in Table 5. The average score for the Faculty as a whole was 3.92 using the Senate evaluation and 3.77 using the USC evaluation, out of a maximum possible score of 5.0. On

the basis of these ratings, it is evident that teaching performance in the History Department has been exceptionally high, on average well above that in other Departments in the Faculty. Moreover, detailed examination of these evaluations leaves little doubt that there are many excellent teachers in this Faculty. This said, it is also apparent that there is considerable room for improvement in the teaching performance of some members of the Faculty.

Although such information as is presented in Table 5 is undoubtedly helpful, it is subject to a variety of qualifications that will not be elaborated upon here. Such figures measure only limited aspects of teaching performance; they reflect factors other than teaching performance as such (e.g., the characteristics of the respondents as well as subject, course and questionnaire characteristics); and they fail to discriminate between different levels and types of teaching. Nonetheless, such evaluations do provide a reasonably objective, quantitative point of departure in arriving at judgements about teaching performance.

From the evidence available it appears that the scores for 20-level courses are particularly low - as shown in Table 6 the mean scores for these courses are well below the averages for upper level courses. Whatever the explanation, this situation calls for careful examination during the coming year, for academic as well as practical reasons.

Given the very close similarity between the two teaching assessments conducted in 1972/73, the question of how the results compare inevitably arises. A simple comparison of the average scores shown in Tables 5 and 6 does not provide a satisfactory answer. A more valid comparison can be made by plotting each observation on a scatter diagram showing the score achieved in both evaluations. Measuring the Senate scores along one axis and the USC scores along the other, one might expect (because of the basic similarity of the evaluations) the scatter of points to fall along a straight line passing through the origin and having a positive slope of 45 degrees. As this implies, one might expect

TABLE 5

TEACHER RATINGS BY DEPARTMENT, 1972/73

0 (low) to 5 (high)

<u>Department</u>	<u>Same Sample of Teachers and Courses</u>					<u>All Teachers and Courses Evaluated</u>					
	<u>Senate</u>			<u>USC</u>		<u>Senate</u>			<u>USC</u>		
	<u>n</u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>	<u>n</u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>	<u>n</u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>
Anthropology	11	3.80	.65	3.67	.56	17	3.96	.54	16	3.78	.58
Economics	24	3.97	.54	3.71	.67	87	3.77	.69	78	3.63	.61
Geography	24	3.95	.65	3.80	.53	45	3.95	.60	24	3.80	.53
History	40	4.47	.60	4.19	.53	81	4.17	.55	46	4.16	.53
Journalism	11	3.90	.44	3.74	.49	16	3.83	.41	20	3.65	.50
Political Science	35	3.92	.61	3.63	.54	45	3.99	.59	50	3.61	.62
Psychology	26	3.74	.59	3.65	.57	59	3.65	.61	45	3.68	.59
Sociology	33	3.84	.61	3.75	.59	72	3.98	.61	47	3.79	.57
Secretarial Science	18	4.05	.82	3.89	.68	20	4.01	.79	26	3.99	.62
Total	222	4.00	.65	3.81	.60	442	3.92	.63	352	3.77	.60

Notation: n = number of observations;  $\bar{m}$  = simple average of all observations in the Department;  
 $\sigma$  = standard deviation; Senate = Senate evaluation question 10; USC = University Student  
 Council evaluation question "effective as teacher"

TABLE 6  
TEACHER RATINGS BY COURSE LEVEL, 1972/73  
 0 (low) to 5 (high)

<u>Course Level</u>	<u>Same Sample of Teachers and Courses</u>					<u>All Teachers and Courses Evaluated</u>					
	<u>Senate</u>			<u>USC</u>		<u>Senate</u>			<u>USC</u>		
	<u>n</u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>	<u>n</u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>	<u>n</u>	<u><math>\bar{m}</math></u>	<u><math>\sigma</math></u>
20-level	55	3.85	.61	3.68	.58	118	3.77	.59	87	3.60	.57
other courses	167	4.05	.66	3.85	.61	324	3.98	.64	265	3.83	.61

Notations as in Table 5



the correlation between the two sets of scores not to be significantly different from 1.0.\*

This same test can be run statistically by estimating the following equation,

$$S = a + b \text{ USC}$$

where S is the score obtained on the Senate evaluation, USC is the score obtained on the USC evaluation and a and b are the parameters to be estimated. When such a test is run for the common set of 222 observations shown in Tables 5 and 6 the results are not particularly reassuring. Only 67 per cent of the variation in S is explained by the relationship (i.e., the coefficient of determination is .67); the intercept term, (a) is positive (.62) and highly significant statistically ( $t = 3.82$ ); and the coefficient (b) for USC is .89 and very significantly different from its expected value of 1.0.

What accounts for these results is far from clear, nor will any attempt be made here to provide an answer. This simple test does suggest that the recent evaluations need to be interpreted with caution, and that little or no significance can legitimately be ascribed to small differences between the scores obtained on the two evaluations nor to small differences in the scores obtained on either one. Because of some ambiguity in the results and the inherent limitations of such evaluations, it will be necessary to continue to take into account other kinds of information along with the results of student evaluations in order to try to arrive at reasonably valid assessments of teaching performance.

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\*This assumes that the same instructor is being ranked in the same course on both evaluations. This seems to be true of most of the 222 observations in the common sample but conceivably may not be true of every observation. It must also be recognized that the correlation of test scores from the same test given on different days are very unlikely to be 1.0.

Direct contact between teacher and student is only part of the educational process. Another important part is the time the student spends learning by himself. One index of this is the use made of the Library. Figures provided by the University Librarian indicate that about 55 per cent of the use made of library materials can be attributed to Social Science students. Moreover, the use of such materials has recently been increasing at a rate of about 12 per cent per year. No doubt this has been influenced by the recent improvement in the University's library facilities and services. In part it may also reflect a greater emphasis on individual study and essays by both Faculty members and students. A similar tendency seems to be evident in the use made of our recently-established Computing Laboratory. Although this facility is still being completed, the number of undergraduates as well as graduates using the Laboratory to prepare essays and reports seems to be growing substantially.

The student counselling services established in this Faculty two years ago under the general supervision of Associate Dean D. A. Chambers has continued its highly successful activities. In 1972/73 a large and growing number of students made use of the able assistance provided by the counsellors, Mrs. A. Jondrow and Mrs. J. Tonge. In May, Mrs. Jondrow resigned and was replaced by Mrs. C. Verdam.

#### 4. Planning and Development

As reported last year, a substantial change was approved in the composition of the Educational Policy Committee effective July 1, 1972. The new Committee consists of one representative from each Department actively concerned with the undergraduate curriculum and named by the Department. It is chaired by the Assistant Dean T. N. Guinsburg. Since its inception the Committee has received various course proposals emanating from Departments. In addition, it has examined a series of broader academic policy questions. The recommendations resulting from this broader review were approved by the Faculty Council in April.

The recommendations concerned the following issues:

1. Implementation of the honors program.
2. Course duplication.
3. Courses in the affiliated colleges and in the summer school and extension program.
4. Means of evaluating student academic performance.
5. Grade distribution.
6. Teacher and course evaluation.
7. The role of teaching assistants.

In addition, the Council approved a recommendation that Department Chairmen meet annually with the Educational Policy Committee to discuss the implementation of the resolutions adopted by the Faculty Council as well as other matters of academic policy. The first series of these meetings will be held in 1973.

The excellent work done by this Committee during the past year, both in examining detailed course proposals and in developing broader academic policies, can be expected to have a beneficial effect on the calibre of undergraduate education available in this Faculty.

As part of the process of appointing a new Chairman, an internal assessment of the History Department was undertaken in the fall of 1972. The external consultants engaged for this purpose were G. R. Elton of Cambridge, B. Bailyn of Harvard and G. M. Craig of Toronto. One important result of this evaluation has been the Department's commitment to expand its teaching and research in the area of social history.

During the year this Faculty received three discipline assessment reports prepared for the Advisory Committee on Academic Planning which now is systematically assessing graduate education in all disciplines in Ontario. These three reports dealt with Economics, Sociology and Geography. In collaboration with the Dean of Graduate Studies, a response was prepared to each report. In every instance these reports raise a number of questions about the effectiveness of our graduate training which will have to be taken into account in our plans for the future. In general, however, the reports are quite favorable to the Departments concerned. This is particularly true of the Economics

Department which the consultants' report states is tied for first place as the best department in Ontario. Similar assessments are now underway in History and Political Science and these reports are expected during the coming year.

In addition to this review the Sociology Department's Ph.D. proposal was reviewed by the Ontario Council of Graduate Studies. This matter remains under consideration and a decision should be forthcoming during the coming year.

The Department of Anthropology which was established on May 1, 1972, initiated an honors program at that time. The enrolment in this program, together with the substantial increase in enrolments in introductory and general courses, amply justifies the decision to establish and develop this Department. Plans are being considered to introduce an M.A. program in Anthropology in 1975.

Last fall the Senate approved plans to phase out the undergraduate program in Journalism and to establish a graduate school of Journalism under the jurisdiction of the Faculty of Graduate Studies. In addition a special ad hoc committee, chaired by the Dean of Graduate Studies, was approved to select a Dean-designate of the new school. The Committee selected A. MacFarlane, who will also serve as Chairman of the Department until the new school is underway. Until he assumes the position on January 1, 1974, C. E. Wilson will serve as Acting Chairman.

A Social Science Computing Laboratory was established in the Faculty in 1972 with the help of a grant of \$322,500 from The Richard Ivey Foundation. During the past year the Laboratory has moved into its new quarters on the first floor of the Social Science Centre and has gradually been developing its facilities and the services it affords students and Faculty members. A PDP-11/45 has been purchased and is being installed for instructional purposes. In addition, direct access is provided to the PDP-10 and CYBER-73 facilities in the University Computing Centre. The Advisory Committee on Computing Services has been reactivated. Major progress has also been made in developing close relationships with Statistics Canada.

In September, 1973 the first group of pre-school children will be enrolled in the Laboratory Preschool established in the Psychology Department under the direction of M. J. Wright. Registration will be limited to forty children, twenty in the morning and twenty in the afternoon. A grant of \$8,500 has been provided by The Richard Ivey Foundation to cover the cost of fees and transportation for children from disadvantaged homes. Creation of this Laboratory has been a major undertaking. Much time and energy have been devoted by Professor Wright and her colleagues during the past year to developing detailed plans for the Laboratory and making the necessary arrangements for it to function effectively when it opens its doors this autumn.

During the year members of this Faculty participated in a number of inter-Faculty discussions relating to inter-disciplinary programs. The Committee on Canadian Studies, initiated in this Faculty, reviewed this matter and prepared a descriptive brochure for interested students. The work of the Committee on English language usage, also initiated in this Faculty, is still in progress. The future of environmental studies has been under active consideration with the Faculty of Engineering. Plans are going forward to mount courses in computer science for social science students on a co-operative basis between the Department of Computer Science, Faculty of Science, and our Computing Laboratory. The Psychology Department has approved a program that would allow honors computer science students to have a minor in Psychology. The Psychology Department has also co-operated actively with the University Hospital in the creation of a Psychology Department in the Hospital. In addition several Departments in the Faculty have actively co-operated with Althouse College in the development of its graduate programs.

The faculty exchange program which our Journalism Department has with its counterpart at Carleton University continued through 1972/73 and will be extended throughout the 1973/74 session.

Finally, discussions are underway on plans in a number of other areas: training in public administration; a health-related research centre; and continuing and adult education.

## 5. Research Activities and Grants

There has been a wide range of research underway in this Faculty during the past year. These activities have been enhanced by visitors from many parts of the world. In this connection it is noteworthy that the number of entries in the President's bibliography for this Faculty have more than doubled since 1969/70.

Much research activity in the Faculty has been unsupported by grants from outside the University. The high quality of most of this work is evident from the large number of scholarly publications to which this unsponsored research has given rise.

Research grants awarded by outside agencies to members of this Faculty totalled \$1,614,558 in 1972/73. As in previous Reports, such grants may usefully be classified into two categories: large grants for major projects undertaken by one or more persons and sometimes extending over several years; and smaller grants to individual Faculty members made by the Canada Council, the National Research Council and other outside agencies. Figures showing the amounts made available in these two forms are summarized in Table 7.

During 1972/73 the Faculty received 2 grants totalling \$462,500 in the first category. A total of \$1,152,058 was made available to Faculty members in the form of smaller grants and funds derived from major grants awarded in previous years.

Leave Fellowships were awarded by the Canada Council to help support the following Faculty members in 1972/73: T. R. Balakrishnan, K. H. Burley, J. R. Cartwright, R. A. Hohner, H. A. Hossé, D. G. Kerr, P. F. Neary, A. U. Paivio and B. D. Singer. In addition, Professor J. R. Melvin was relieved of teaching and administrative responsibilities to continue his research at this University with the financial support provided by a Killam Grant. A Killam Grant was awarded to M. Zaslow to enable him to work full-time on the same basis in 1973/74 on his research on the development of the Canadian North. In addition, D. Kimura was awarded a full-time Research Associateship by the Ontario Health Foundation to pursue her basic neuropsychological investigations

of human brain functions; and N. J. Vidmar was awarded a Russell Sage Foundation Residency in Law and Social Science for a year's study leave at the Yale Law School during the coming year. A. M. J. Hyatt was a Visiting Professor at Duke University in 1972/73 and R. G. Bodkin was granted leave for two years to develop the CANDIDE model of the Canadian economy at the Economic Council of Canada.

During 1972/73 a number of special seminars and Conferences were organized at this University either by members of this Faculty or with their help:

- Anthropology - Ontario Council of Southeast Asian Studies, October, 1972.
- History - Fifth annual conference of Ontario high school teachers of history, in collaboration with the History Department at Althouse College.
- Geography - Special symposium on regional economic development, August, 1972.
- Political Science - Annual local government colloquium, in 1972/73 on the theme "Education for Municipal Administration", October, 1972.
- Psychology - J. A. F. Stevenson memorial symposium on the regulation of food and water intake, in collaboration with the Medical School, May, 1973.

In addition, this Faculty joined the Faculties of Arts and of Science in co-sponsoring the international conference organized by the Philosophy Department, Faculty of Arts, on the conceptual and mathematical foundations of probability and statistical themes.

#### 6. Other Professional Activities

Apart from teaching and research, many members of this Faculty have participated in a wide variety of activities both within the University and within the scholarly community in this country. Far too many names come to mind to mention everyone, but examples might be noted to illustrate the range of these activities. In Anthropology, D. L. Guemple is a member of the Executive Board of the Central States Anthropological Association and Editor of a Newsletter of the Canadian Ethnological

Society. In Economics, several Faculty members have been participating in Federal and Provincial Government policy development; T. J. Courchene has been active in the affairs of the Canadian Economics Association; R. A. Berry has served as an adviser to governments of a number of developing countries; and members of the Department in Ghana have been actively engaged on research relating to economic policy in that country. In Geography, J. G. Nelson has lectured widely throughout Canada on resource management, E. G. Pleva has addressed many local planning groups throughout Ontario and W. Warntz has presented a number of lectures in Quebec and the United States. Members of the Department also played a leading role in the program of the 22nd International Geographical Congress held in Canada in 1972. W. R. Wightman served on the Board of Governors as well as on a number of University and Faculty Committees. In History, a number of Faculty members served on important University Committees: M. Zaslow on the Senate Promotion Committee (Appeals); I. K. Steele on the Senate and a number of its Committees; and C. A. Ruud on the Senate Committees on University Planning, University Development and Space Norms and the Committee to Investigate the UCC Directorate; D. G. Kerr served as Chairman of a Joint AUCC/SSRCC Steering Committee on a data bank clearing house for the Social Sciences in Canada. In Journalism, F. K. Bambrick served as a member of the Radio and Television New Director's Association, M. M. Laing on the Canadian Science Writers' Association and J. L. Wild was a judge for the Tom Turner Memorial Awards. In Political Science, S. J. R. Noel served on the Executive of the Canadian Political Science Association; B. B. Kymlicka completed his work as Secretary of the Ontario Committee on Post-Secondary School Education; N. Pearson actively participated in planning a new city on the shores of Lake Erie; and A. K. McDougall served on the Task Force for Policing in Ontario.

In Psychology, H. G. Murray produced a manual on teacher assessment for the Ontario Confederation of University Faculty Associations; T. F. Siess and K. C. Murphy, in addition to continuing their efforts to develop the Educational and Vocational Counselling



Service on campus, undertook for the University a study of the attitudes of Grade XIII students towards University enrolment with the help of some graduate students; M. J. Wright chaired the Ontario Board of Examiners in Psychology; A. U. Paivio and P. M. Carlson served as Directors of the Canadian Psychological Association and the Canadian Mental Health Association respectively; W. J. McClelland served on the Senate Budget and Finance Committee as well as other Committees; R. C. Gardner served as a member of the Statistics Committee of the Social Sciences Research Council, the Statistics Canada Technical Committee on Census Research Tapes and as a member of the Ontario Mental Health Foundation Research Committee; D. A. Chambers served as a consultant to the Provincial Hospital, New Brunswick, the Goderich Psychiatric Hospital and the London Psychiatric Hospital; and G. J. Mogenson continued as editor of the Canadian Journal of Psychology. In Sociology, B. D. Singer participated actively in the research program of the Federal Department of Communications. In the Computing Laboratory, E. H. Hanis served as a member of the Statistics Canada Technical Committee on Census Research Tapes.

#### 7. Opening of The Social Science Centre

On March 21, 1973 the new Social Science Centre was officially opened, marking the end of a long process that began many years earlier when plans for a new building were first suggested. During the summer of 1972 the Departments of Anthropology, History, Geography, Psychology, Sociology, and the Dean's Office moved into the new building. The Departments of Economics and Political Science, the Computing Laboratory and the Printing Service Department moved into their areas of the building at Christmas. Journalism moved into its new quarters in Middlesex College in August, 1972, and a year later Secretarial Science also moved into new quarters in Middlesex. Thus for the first time in recent history all Departments in the Faculty have found permanent homes and all Departments are located under one roof except for Journalism and Secretarial Science which have been consolidated in Middlesex College.

The general improvement in the facilities available may be illustrated by reference to the Geography Department. The new building has made possible improved cartographic section facilities and improved map library headquarters as well as the establishment of an experimental quantitative geography analog field plotter laboratory and a soil science laboratory. Moreover the use being made of these facilities has increased considerably. For instance, the use made of the map library increased some 60 per cent over a year earlier, much of this increase representing the greater use now being made of these facilities by persons outside the Department.

The official opening of the Centre was marked by a Special Convocation on March 21 at which honorary degrees were conferred upon P. Dansereau, H. G. Johnson, N. Keyfitz, and C. B. Macpherson. The Honorable John H. White, Provincial Treasurer and Minister of Economics and Inter-governmental Affairs, addressed Convocation and officially opened the building.

The day following the Special Convocation, the four honorary degree recipients together with G. Bateson, R. Cook and M. Rokeach participated in a series of special seminars and lectures in the Departments representing their disciplines. This was followed on March 23 and 24 by a general conference on the theme: "The Social Sciences in Canada: Past, Present and Future". The following papers were presented and commented upon by members of the Faculty and our guests:

- |                  |   |
|------------------|---|
| H. G. Johnson    | - "The Current and Prospective State of Economics in Canada"  |
| Discussants:     | M. F. Goodchild; C. B. Macpherson                             |
| C. B. Macpherson | - "After Strange Gods: Canadian Political Science, 1973"      |
| Discussants:     | Y. Zoltvany; H. G. Johnson                                    |
| P. Dansereau     | - "Ecological Grading and Classification of Land-Use Mosaics" |
| Discussants:     | R. J. Wonnacott; R. Cook                                      |
| R. Cook          | - "History: The Invertebrate Social Science"                  |
| Discussants:     | S. J. R. Noel; P. Dansereau                                   |

- G. Bateson - "Towards Higher Levels of Organization"  
 Discussants: D. N. Jackson; N. Keyfitz
- M. Rokeach - "Some Reflections about the Place of  
 Values in Canadian Social Science"  
 Discussants: W. P. Archibald; G. Bateson
- N. Keyfitz - "Sociology and Canadian Society"  
 Discussants: J. Freedman; M. Rokeach

In addition to members of the University, a number of special guests including social scientists from other Universities, attended these activities. Also, the Social Science Research Council of Canada, the Ontario Council of Deans of Arts and Science and the Ontario Council of Graduate Deans arranged to meet at the University in conjunction with the Opening.

Although many members of the Faculty as well as others outside the Faculty contributed to the creation of the Social Science Centre, the contributions of two persons in this Faculty warrant special acknowledgement. The first is M. J. Wright who first initiated the idea and whose pleas for more and better space eventually won the day. The second is D. A. Chambers for whom this project has been a most demanding mistress calling for loving care and attention almost daily during the past three years.

#### 8. Faculty Changes

Faculty changes during the past year included P. F. Davis who continued as Acting Chairman of the Department of Secretarial Science until June 30, 1973, when, at her request, she was replaced by B. D. Seldon as Acting Chairman. Meantime, the arduous search for a new Chairman for this Department continues. B. B. Kymlicka was appointed Chairman of the Political Science Department for a three-year term, succeeding S. J. R. Noel. J. N. Thompson, formerly at McMaster University, was appointed as Associate Professor and Chairman of the History Department for a five-year term succeeding C. A. Ruud. Both these appointments became effective July 1, 1973. The business of the Appointment Committees concerned with making these appointments was greatly facilitated by the efficient work of the secretaries of

the Committees: A. K. McDougall (Political Science) and F. H. Armstrong (History).

Although many members of this Faculty have received special honors during the past year, I particularly wish to mention R. W. Packer who was elected President of the Canadian Association of Geographers in 1972, E. G. Pleva who was honored by the same group for his meritorious contributions to Canadian Geography in the past, and W. Warntz who was honored by the Association of American Geographers as one of its "Most Distinguished Geographers".

Finally, a special tribute is due to R. C. Overton, one of the distinguished teachers and scholars in this Faculty for many years, who retired on June 30, 1973.

TABLE 7

RESEARCH GRANTS BY OUTSIDE AGENCIES

A. <u>Major New Grants</u>	<u>Amount</u>	<u>(Period)</u>
Canadian International Development Agency - Ghana Project (renewal)	\$454,000	1973-1975
The Richard Ivey Foundation - Laboratory Preschool	<u>8,500</u>	1973-1974
TOTAL	\$462,500	
B. <u>Other Grants, Amounts Available 1972/73</u>		
1. <u>By Department</u>	<u>Number</u>	<u>Amount</u>
Anthropology	1	\$ 2,125
Economics	4	280,285
Geography	4	25,600
History	12	99,625
Political Science	1	10,000
Psychology	45	586,168
Sociology	9	40,755
Computing Laboratory	1	<u>107,500</u>
TOTAL	77	\$1,152,058
2. <u>By Granting Agency</u>		
Canada Council and Killam Foundation	24	\$ 160,421
C.I.D.A.	1	264,178
Citizenship Branch, Secretary of State	1	12,000
Defence Research Board	2	12,246
Department of Education	1	22,285
Department of Indian Affairs and Northern Development	2	3,725
Department of National Defence	1	30,000
International Development Research Centre	1	6,500
London and District Community Group Health Foundation	1	700
Medical Research Council	8	78,398
National Museum of Man	1	1,000
National Research Council	23	265,647
Ontario Historical Studies Series	1	10,000
Ontario Department of Education	2	60,840
O.M.H.F.	3	40,938
Public and Industrial Relations Insurance Bureau of Canada	1	700
Richard Ivey and Donner Foundation	1	45,000
Richard Ivey Foundation	1	107,500
St. Thomas Psychiatric Hospital	1	15,000
U.S. Department of Health, Education and Welfare	1	<u>14,980</u>
TOTAL	77	\$1,152,058

BRESCIA COLLEGE

Report of the Principal

SISTER ARLEENE WALKER

Enrolment, both full-time and part-time, showed a slight increase over 1971-72, with the largest proportion of the increase occurring in the Preliminary Year. The chief program and faculty changes were made in the Department of Home Economics. Dr. Patricia Giovannetti, research nutritionist at the University of Saskatchewan, became Chairman of the Department on August 1. The first two years of the program were revised and some advanced courses were approved for graduates of former years desirous of updating their knowledge. We hope that 1973-74 will see a revision of the third year and outlines for a fourth year for students wishing to become more highly specialized. May I say here that we particularly appreciate the cooperation of the Faculty of Science in our endeavor to improve the quality of this program.

Members of Faculty engaged in various outside activities during the year. Sister Arleene Walker gave an address entitled "The Christian Woman" to the graduating class of Ursuline College High School in Chatham on September 24. Sister Corona Sharp of the English Department presented a paper on "Dürrenmatt and Shakespeare" at the Medieval-Renaissance Seminar held on the main campus on November 14, and one on "Sophocles, Aristophanes and Dürrenmatt" to the Departments of Classics and German at McMaster University on March 21. Dr. Patricia Giovannetti spoke on "Newer Trends in Nutrition" to the London Home Economics Association on January 14; Professor Lillian Rickman gave a lecture on "Kitchen Planning and Layout" for an Extension Course in Hospital Food Service Supervision, sponsored by the Canadian Hospital Association at the University of Toronto on June 1; Professor Jane Sather participated in a panel discussion on "Problems and Issues of Upgrading in Home Economics" at the Home Economics section of the Ontario Educational Association in Toronto on May 5, and also chaired the Textiles and

Clothing subject matter group at the Canadian University Teachers of Home Economics Biennial Meeting at Kingston, June 7 and 8.

The Brescia Alumnae Association organized "Alumnae College Day", May 26 and 27 on the general theme of Woman. The following speakers and topics were presented: Sister Arleene Walker, "The Changing Role of Woman"; Sister Corona Sharp, "Women in Literature"; Mrs. Jan Steele, "Discrimination: Fact or Fancy"; Sister St. Michael Guinan, "Women and Leisure".

Student activities included sponsorship in October of Theatre One, a group of young actors from Montreal, in a performance of two plays, "Swan Song" by Chekhov, and "Doctor Faustus" by Marlowe; and in January of a recital by Michael Lewis, blind pianist of popular music. In addition to their official representation on the Senate itself and on the subcommittee for Affiliated Colleges, Brescia students served as two of three undergraduate student members on the Senate Review Board (Academic).

At the last meeting of the Advisory Board for 1972-73, Mr. Donald Organ was elected Chairman of the Advisory Board to replace retiring Chairman Mr. Ronald Van Horne.

The College records with regret the death in April after a long illness of Sister Marina, Registrar of the College from 1954 to 1964.

HURON COLLEGE

Report of the Principal

THE VENERABLE J. GRANT MORDEN

During the academic year 1972-73, Mr. R. W. Mitchell, Q.C. retired as Chairman of the Executive Board of the College. His profound knowledge of university and college affairs in Ontario has been a great help to all of us in these rather uncertain times for academic institutions. Huron College acknowledges with gratitude its debt to Mr. Mitchell for his leadership and is pleased to report that he will be received as a Lifetime Honorary Member of the Corporation of Huron College at the Founder's Day celebration on November 29th, 1973.

Huron College is happy to report that Mr. K. W. Lemon has been appointed the new Chairman of the Executive Board. Mr. Lemon's previous chairmanship of the Finance Committee of the Board and chairmanship of the Nominating Committee of the Corporation gives to all members of this College grounds for rejoicing in his appointment.

At the Founder's Day celebrations in December 1972, Dr. Eleanor Jared, Huron College's first Professor Emeritus, was received as a Lifetime Honorary Fellow of the College. It delights the hearts of all of us to have this great teacher as a Professor Emeritus of this College and as a Lifetime Honorary Fellow of our faculty. Also on Founder's Day, Mr. Francis Langton Hallett was received as a Lifetime Honorary Fellow of the College. Mr. Hallett is a long time member of the Corporation of Huron College. He has served faithfully during the Principalship of Drs. Waller, O'Neil and Coleman, and continues today. He played a heroic part in the Building Campaigns and under Principal O'Neil served as Field Secretary. His continuing interest and support of the work of the Theological Faculty of Huron College has made him a friend to students from all around the world.

In March of this year Huron College welcomed Dr. Norman Pittenger of St. John's College, Cambridge. Dr. Pittenger is one of the world's best known theologians, who uses the philosophy of Dr. A. N. Whitehead in presenting a Process Theology. He is the author of more than forty books and was for thirty-three years Professor of Theology at the General Episcopal Theological Seminary in New York. Dr. Pittenger gave a public lecture on "Response in Faith and Life to Jesus Christ." He was the R. T Orr visitor to Huron College for the academic year 1972-73.



On Wednesday, April 25th, the Spring Convocation of Huron College conferred the degree of Doctor of Divinity (honoris causa) on the Venerable L. A. Nelles and on the Reverend Canon E. R. Fairweather, Th.D. Dr. Fairweather addressed the Convocation.

The Annual Arts Conference of Huron College was held on Friday, May 11th. Dr. Denis Stairs, Academic Director of the Centre of Foreign Policy Studies at Dalhousie University in Halifax was the guest speaker and his topic was "Diplomats, Technocrats, and Bureaucrats: New Complications in the Conduct of Canadian Foreign Relations."

Huron College is pleased to report the reappointment of Professor F. W. Burd as Dean of Arts for a term of three years commencing on July 1st, 1973. We congratulate Dean Burd on his nomination by the faculty and on his appointment by the Executive Board. Huron College's Faculty of Arts has grown strong under his leadership. The sense of fellowship within the faculty and between the teaching faculty and the students is a tribute to Dean Burd's leadership.

Huron College now anxiously awaits a decision from the Ontario Government concerning the proposals of the Ontario Government Commission on Post-Secondary Education that came out in favor of full grants for church-related institutions for the educational work they do without religious tests. We know also that the University Affairs Committee of the Province of Ontario is proposing a method of increasing the 50% operational grants now received by church-related colleges in this province. Huron College wishes to express to the President and particularly to the Provost, Dr. Rossiter, both as Vice-President (Academic) of this University and as a member of the University Affairs Committee, for their support and help in putting the case of the affiliated colleges to the government of this province. With ever rising costs it is imperative that some change be made in the government system of financing church-related institutions if these institutions are to continue to meet the standards set by the Senate of their parent bodies, and if they are to continue to play the honored role that they have in the past within our wider academic communities.

In closing this report may I again express my gratitude to the faculty, staff and students of Huron College, and to the President, the officers, faculty, staff and students of the whole University without whose aid, encouragement, and support the goals of this College would be unattainable.

KING'S COLLEGE

Report of the Principal

DR. A. F. McKEE

In common with many university institutions, King's College experienced a sharp check to its growth in 1972-73, full-time student enrolment fell to 704 from 755 the previous year, a drop of 7%. A very satisfactory return rate in upperclassmen was offset by a fall in freshmen of about 90. There is little doubt that intense competition among Ontario universities for first year students contributed heavily to this, so that the College set about its liaison programme with renewed energy and scope.

The graduating class numbered some 175, a record for the College and a number unlikely to be reached again for several years.

Faculty remained stable during the year at 29, though part-time and overload assistance increased notably in the areas of Social Welfare and Religious Studies in an effort to reduce the size of some classes. A more comfortable year was had in terms of physical facilities.

Mr. R. Macaulay served as Chairman of the Board during the year. A number of direct Board-faculty-student contacts and meetings occurred during the year, and Board members gave generously of their time.

Mr. J. Mackle led the Student Council in a capable manner, and the newly decorated students' lounge was well received.

Guest speakers during the year included Ms. Kahn Tineta -Horn,

a proponent of Indian interests, and the poet, Mr. Irving Layton, both being invited by the Student Council. Two distinguished faculty members from the University of Michigan continued the Art Lecture series, which was again well attended by the community.

In some ways, 1972-73 might be characterised as a year of unsettled issues at the College. Chief among these was the provincial government's awaited but finally unannounced decision on subsidisation of Church-related colleges; this matter ramifies into many areas of concern at King's, most significantly the financial underpinning of the Social Welfare programme. A second issue was the work of the Task Force, a body set up to report on the administrative functioning and government of the College. The scope and content of its recommendations proved somewhat of a disappointment for all parties, yet the important decision was reached to seek incorporation or a private Act to place the governance of the College on a clearer and more stable basis.

The check to student numbers for the year and the general situation in Ontario universities led to the realisation that a 'steady state' situation might have developed at the College for the immediate future. This has a number of implications for the College after the growth phase of the recent past, which will require it in common with many institutions to

reassess its allocation of resources in the light of the situation that evolves.

Some progress was made in the internal organisation of the College. Departments were re-formed into five, now grouping all faculty members, and chairmen were appointed with three-year terms. The Principal's Advisory Committee met regularly. The area of student affairs was well served by the Assistant Dean in charge, [Dr. G. MacWillie] and a newly appointed Dean of Students, [Mr. R. Rossini], and an improved Don-proctor structure in residence organisation led to smoother working.

The Registrar's office was again strongly led by Mr. J. Campbell, and a student recruitment and liaison programme of considerable vigour was carried out.

The College benefited again from the ready assistance of many persons and offices in the constituent University and the other affiliated colleges on campus and records its gratitude.