



The UNIVERSITY of
WESTERN ONTARIO

President's Report
1986/1987

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The YEAR in REVIEW



Dr. George Pedersen

The twin themes of continuing progress and notable achievement characterize my second year in office as President and Vice Chancellor of The University of Western Ontario

In line with the financial constraint exhibited by most universities in this province, the Board of Governors at Western approved an operating budget of \$181.6 million for the 1987-88 fiscal year, covering the academic support and administrative functions of the University. This represents a 4.8 percent increase over the previous year. The University is projecting a balanced operating budget for 1987-88.

The Board also approved a capital plan of \$4 million for 1987-88. A variety of programs relating to renovation, alteration and upgrading of physical facilities on campus will be completed under the plan. The province's contribution to the University's capital plan was \$1.7 million.

Long range capital needs and priorities were also identified this year in a five year capital plan submission to the Ministry of Colleges and Universities for the period 1987-88 to 1991-92.

Most pleasing was the approval by the Ministry for the new Western Science Centre. Western will receive a \$16.7 million grant from the province toward the estimated cost of \$25.4 million for the centre. The new building will be 120,000 gross square feet and will probably be located north of the Natural Sciences Centre. It is scheduled for completion in 1991.

The building of the new centre will allow Western to improve and expand its scientific programs and related library and computer facilities significantly.

With one capital project set to go, two others were finished and officially opened in the fall of 1986. Alumni House, the new student residence, and the National Centre for Management Research and Development (NCMRD) were open and functioning in time for the start of the 1986 academic year.

Included in the administrative policies approved by the Board this year, was the introduction of the Employee Assistance Program (EAP). The EAP provides full-time employees at the University with a wide range of counselling services at a local London agency. Personal problems ranging from stress management to marital difficulties can be dealt with through this program.

As a continuing salute to the calibre of research being done on the Western campus, direct support to the University's researchers

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The YEAR in REVIEW

was maintained at more than \$40 million for 1986-87. Despite a cutback from the federal government Western researchers were able to maintain their funding levels through such sources as the provincial government, foreign governments, medical trusts, the Second Century Fund and a number of other programs.

To the University's credit, a number of faculties and faculty members will also be taking part in six of the seven recently established Ontario Centres of Excellence. Western will play a role in the Centres of Information Technology, Integrated Manufacturing, Materials Research, Space and Terrestrial Science, Advanced Laser and Lightwave Research, and finally, Groundwater Research. Research funds totalling \$1.5 million per year are anticipated as a result of Western's participation in the Centres of Excellence.

In a lighter vein, and in an attempt to re-introduce a bit of old-time fun and rivalry, Western challenged Queen's University to a croquet match this spring. The challenge played on Western's green lawns netted an impressive roster of players on both sides including politicians such as Flora Macdonald and Tom Hockin, the Chancellors of both Universities and a cross section of players from administration through to students. The Western team won and a re-match is anticipated next spring.

Enrolment at Western continues at an all-time high. More than 15 percent of all Ontario scholars, the second highest percentage in the province were enrolled at Western. The full-time constituent enrolment as of November 1986 was 15,346, an increase of 174 over the 1985 figures. Western

continues to adhere to its 4,000 first year student enrolment, but will be responding as best as it can to the anticipated applicant boom in the near future.

Charitable activities by Western students continues to dominate the student activity scene with students raising more than \$63,000 for cystic fibrosis during the fall 1986 Shinerama campaign. The Third Annual Charity Ball, sponsored by Western students also garnered thousands of dollars for the Multiple Organ Transplant Unit of University Hospital and Hutton House (for disabled adults in London). With their fine sense of community spirit Western students continue to contribute in many ways to the vitality of the London community.

Planning continues for the University's upcoming development campaign. The goal is \$65 million, the campaign should be launched within the next

year, and capital needs, faculty development and other concerns will be addressed with the fundraising campaign.

Finally, a structural reorganization was almost brought to completion this year with the appointment of several new and returning individuals to senior academic and administrative posts at Western.

I look forward to working with the strong and dedicated management team now in place, and I anticipate that The University of Western Ontario will be prepared to take on the challenges that lie ahead for post-secondary institutions in the province.

WESTERN

GOVERNANCE

Academic Organization

Implementation of the revised senior administrative structure, initiated by Dr. K.G. Pedersen as one of his first responsibilities as tenth President and Vice-Chancellor of the University, continued during the 1986-87 year.

Dr. Thomas J. Collins was appointed Provost (Vice-President Academic) effective July 1, 1986. The position of Assistant Vice-President (Academic Planning and Budgeting) was phased out and the incumbent, Dr. Donald Hayden, was appointed to the new position of Director of Commercial Development. The post was created in recognition of the need for the University to enhance research and develop liaisons with industry. Additional changes included renaming the Office of the Registrar to the Department of Admissions and Academic Records to more accurately reflect the responsibilities of that administrative unit.

Selection committees were active during the year to fill various decanal and senior administrative

positions. Dr. Susan Pepper was named to the new position of Associate Vice-President (Academic Affairs), and Mr. Gordon J. Smiley was appointed Assistant Vice-President (Student Affairs) and Registrar. Dr. Dale H. Bent succeeded Mr. Glenn Harris as Assistant Vice-President (Academic Services) and Mr. Douglas J. Geddie was appointed to the position of Associate Vice-President (University Relations and Development). Other appointments announced during the year were: Dr. Gordon J. Mogenson, Dean of Graduate Studies and Acting Vice-President (Research); Dr. Ralph I. Brooke, Vice-Provost Health Sciences; Dr. Frank B. Harper, Acting Dean of Education; Dr. R. Mohan Mathur, Dean of Engineering Science; Dr. Thomas M. Lennon, Dean of Arts; Dr. Jeffrey L. Stokes, Dean of Music; and Dr. William S. Fyfe, Dean of Science.

Board of Governors

The 30 ex officio, elected and appointed members of the Board of Governors as of June 30, 1987, are listed in Figure 1. Mr. Robert G. Siskind was re-elected Chairman of the Board and Mr. Earl H. Orser was re-elected Vice-Chairman commencing January 1, 1987.

The Board approved an operating budget of \$181.6 million for the 1987-88 fiscal year, covering the academic, academic support and administrative functions of the University. This represented a 4.8 percent increase over the previous year. The University is projecting a balanced operating budget for 1987-88.

The Board also approved a capital plan of \$4 million for 1987-88. The plan includes a variety of programs relating to the renovation, alteration and upgrading of various

physical facilities of the University. The financial contribution of the Ministry of Colleges and Universities to the annual capital plan was \$1.7 million.

Approval was also given for submission of the five year capital plan to the Ministry of Colleges and Universities for the period 1987-88 to 1991-92. The five year plan identified long range capital needs and priorities of the University. The Board was pleased that the highest priority project, the Western Science Centre, was approved for funding by the provincial government. The Western Science Centre will be 120,000 gross square feet in size and will cost approximately \$26 million. The centre will permit a significant improvement and expansion of interdisciplinary scientific activities and related library and computer facilities. Two-thirds of the cost of the new centre will

OSITY

GOVERNANCE

Board of Governors

June 30, 1987

(Figure 1)

be funded by the provincial government, with the remaining third to be provided by the University.

Among administrative policies approved by the Board in 1986-87 was the Employee Assistance Program. The EAP provides a confidential external counselling service to full-time employees for matters relating to family distress, alcohol or drug misuse, or personal, financial, or legal problems, with the objective of maintaining or improving work performance.

On the recommendation of the Senate, the Board established two professorships sponsored by corporate donors: the Royal Bank Professorship in International Business and the Imperial Life Professorship in Organizational Behavior.

In June of 1987, the Board approved in principle an agreement between the Alumni Association and Canada Trust for

establishment of the first Canadian affinity banking card. The WesternCard, to be offered to alumni of the University, will generate revenue for the Alumni Association as well as offer financial advantages to cardholders.

As recommended by the Senate, approval was given to apply donations received from the municipalities and counties of southwest Ontario toward establishment of several new admission scholarships. The re-allocation of funds will assist Western in attracting outstanding students to the University. The Board also approved reorganization of the Faculty of Engineering Science with the following five departments: Chemical and Biochemical Engineering, Civil Engineering, Electrical Engineering, Materials Engineering, and Mechanical Engineering. The new structure was implemented July 1, 1987.

Ex Officio

K.G. PEDERSEN (*President*)
T. GOSNELL (*Mayor, City of London*)
W.R. SKINNER (*Warden, Middlesex County*)
D.B. WELDON (*Chancellor*)
J.K. VAN FLEET (*Secretary of the Board - non-voting*)

Appointed by the Council, City of London

E.H. ORSER (*Vice-Chairman*)
D.J. YOUNG

Appointed by Lieutenant Governor in Council

J.R. FINLAY
J. FLECK
C.M.V. PENSA
R.G. SISKIND (*Chairman*)

Elected by the Alumni Association

G.L. CORNEIL
J.R. COWAN
E. GOOD
R.G. SIMMONS

Elected by the Senate

F.B.W. HARPER
T.M. LUKE

Elected by the Faculty

R.A. HAINES
V. WOOD

Elected by the Students

T. GOLDLIST (*Undergraduate*)
R.W. MONTEITH (*Undergraduate*)
R.J.L. WRIGHT (*Graduate*)

Elected by the Administrative Staff

L. STE. MARIE
S.E. WARD

Elected by the Board of Governors

J.S. BRANT
B.R. DODDS
L. FOWLER
R.W. IVEY

Appointed by the Board of Governors

T.J. COLLINS
G. HARRIS
G.J. MOGENSEN

of

GOVERNANCE

Senate

Representatives of the faculty, administrative staff, students, alumni and general community comprise the 90-member Senate. The list of senators as of June 30, 1987, appears in Figure 2.

The Senate is responsible for the academic policy of the University and other matters which affect the University's academic programs. 1986-87 freshman enrolment was the largest in Western's history, surpassing the target figure of 4,000 first-year students by 200. Several course sections, particularly in the Faculties of Arts and Social Science, were added to the timetable in order to accommodate the overflow.

In September 1986, Senate defeated a motion to discontinue use of the royal anthem at official University functions unless a member of the royal

family was in attendance. Opponents of the recommendation stated that use of the royal anthem confirmed Canada's position as a constitutional monarchy within the British Commonwealth.

A proposal to consolidate Food Service operations between Sydenham and Medway Halls sparked a debate in Senate which resulted in a motion that the Senate Committee on Student Housing (SCOSH) be abolished. An ad hoc subcommittee was struck to examine SCOSH and recommended that the committee be disbanded and that the University Council on Student Housing be established. This recommendation, along with the proposal to create a standing committee of Senate to deal with student housing policy issues, was approved in April 1987.

In March 1987, Senate approved the Joint Report of the Committee on University Planning and University Computer Council on Information

Technology and Services (PACITS) which established two subcommittees of the University Computer Council: the Computer Users' Subcommittee and the Subcommittee on Information Services (SUIS).

During 1986-87 two important policies were approved by Senate, namely the Policy on Research Centres and the Policy on Funding of Academic Chairs and Professorships. Each policy was drafted in response to concerns that the University should define a formal procedure to establish a research centre or to initiate a chair or professorship. The Policy on Research Centres, approved by Senate in March of 1987, clearly delineated four types of organizations for research collaboration and provided nomenclature for each type. The Policy on Funding of Academic Chairs and Professorships, approved in May 1987, outlined general procedures and financial guidelines for establishing a

chair or professorship. The policy was flexible so that criteria desired by the benefactor(s) could be accommodated.

A proposal by the Faculty of Part-Time and Continuing Education to introduce a Diploma in Art Therapy was approved by Senate in June 1987. The program will provide an opportunity for specialized training in art therapy, and is designed for professionals who wish to advance their work in group settings with disadvantaged and disabled children and adults, or for those who wish to gain personal enrichment. The new program will be offered in September 1987.

WESTERN



VERITAS

E

GOVERNANCE

Senate Membership

July 1, 1986 - June 30, 1987

(Figure 2)



Ex Officio

D.B. WELDON	<i>Chancellor</i>
K.G. PEDERSEN	<i>President and Vice-Chancellor (Chairman)</i>

Vice-Presidents

T.J. COLLINS	<i>Academic</i>
G. HARRIS	<i>Administration</i>
G.J. MOGENSEN	<i>Research</i>

University Officers

R.E. LEE	<i>Director of Libraries</i>
G.J. SMILEY	<i>Registrar</i>

J.K. VAN FLEET

*Secretary of the Senate
(non-voting)*

Deans

D. LING	<i>Faculty of Applied Health Sciences</i>
T.M. LENNON	<i>Faculty of Arts</i>
C.B. JOHNSTON	<i>School of Business Administration</i>
R.I. BROOKE	<i>Faculty of Dentistry</i>
F.B.W. HARPER	<i>Faculty of Education</i>
G.F. CHESS	<i>Faculty of Engineering Science</i>
G.J. MOGENSEN	<i>Faculty of Graduate Studies</i>
P. DESBARATS	<i>Graduate School of Journalism</i>
W.B. RAYNER	<i>Faculty of Law</i>
J. TAGUE	<i>School of Library and Information Science</i>
L.S. VALBERG	<i>Faculty of Medicine</i>
J.L. STOKES	<i>Faculty of Music</i>
J. GILCHRIST	<i>Faculty of Nursing</i>
C. FARBER	<i>Faculty of Part-Time & Continuing Education</i>
A.W. TAYLOR	<i>Faculty of Physical Education</i>
W.S. FYFE	<i>Faculty of Science</i>
D. SMITH	<i>Faculty of Social Science</i>

Elected

Faculty of Applied Health Sciences

H.J. POLATAJKO	<i>Occupational Therapy</i>
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Faculty of Arts

A.J. GEDALOF	<i>English</i>
A.M. MARTÍ	<i>Modern Languages and Literatures</i>
S.J. SHORTEN	<i>Philosophy</i>
A.M. YOUNG	<i>English</i>

School of Business Administration

J.F. GRAHAM

Faculty of Dentistry

W.R. TETERUCK

Faculty of Education

C.M. CREALOCK

Faculty of Engineering Science

M. NOVAK

GOVERNANCE

Faculty of Graduate Studies

At Large

G.E. EBANKS	<i>Sociology</i>
R.G. KIDD	<i>Chemistry</i>
G.B. ROLLMAN	<i>Psychology</i>
J.E. STEELE	<i>Zoology</i>

Arts Division

I.M. RICHMOND	<i>French</i>
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Biosciences Division

E.R. TUSTANOFF	<i>Clinical Biochemistry</i>
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Physical Sciences Division

R. MIGNERON	<i>Applied Mathematics</i>
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Social Sciences Division

D.J. RADCLIFFE	<i>Education</i>
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Graduate School of Journalism

H. OVERDUIN

Faculty of Law

R.J. ROBERTS

School of Library & Information Science

B. McCAMUS

Faculty of Medicine

A. KERTESZ	<i>Clin. Neurological Sciences</i>
N.A.M. PATERSON	<i>Medicine</i>
N.R. SINCLAIR	<i>Microbiology & Immunology</i>
A.A. YUZPE	<i>Obstetrics & Gynaecology</i>

Faculty of Music

C. MATHER	<i>Applied Music</i>
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Faculty of Nursing

L. BRAMWELL

Faculty of Part-Time & Continuing Education

D.G. CARTWRIGHT	<i>Geography</i>
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Faculty of Physical Education

L.D. MORROW

Faculty of Science

P.B. CAVERS	<i>Plant Sciences</i>
M.E. FLEET	<i>Geology</i>
T.M. LUKE	<i>Applied Mathematics</i>
R.J. PUDDEPHATT	<i>Chemistry</i>

Faculty of Social Science

R.W. BUTLER	<i>Geography</i>
A.M.J. HYATT	<i>History</i>
A.K. McDOUGALL	<i>Political Science</i>
C.A. RUUD	<i>History</i>

Affiliated Colleges

Brescia College

D. KUNTZ (*ex officio*)
M.T. BEHME

Huron College

F.W. BURD (*ex officio*)
J.D. LEIGHTON

King's College

J.D. MORGAN (*ex officio*)
P. MUELLER

Graduate Students

R. BUTCHER
R.A.J. DIGBY
A. SCHNEIDER

Undergraduate Students

B. BATSON	J. FARBER
J. BRAULT	H. LOUWERIER
A. BLACKWELL	S. MORTIMER
W. CLIFF	M. NADLER
S.H. DEBOW	P. WILLIAMS
M. ELLIS	L. WOLSLEY

Administrative Staff

G. McLEOD
G.T. ROBINSON

General Community: Alumni Association

L. MASUR-LEITCH
G. ROBBINS
S.I. SUSSMAN

General Community: Elected by Senate:

S. RADCLIFFE
O.B. WATTS

Board of Governors

G.L. CORNEIL
R.G. SISKIND

CONVOCATION

Chancellor David B. Weldon presided at Autumn Convocation which was held on October 30 and 31, 1986. Degrees, diplomas and certificates were awarded to 1,413 graduates.

In addition, honorary degrees were conferred upon:

CLAUDE TITUS BISHOP (D.Sc.) distinguished editor of scientific journals, honored in particular, for his outstanding contribution to the development of the Canadian Journals of Research, and in general, for his contribution to scientific journal publication.

CLARK WILLIAM DAVEY (LL.D) eminent Canadian newspaper publisher, honored for his leadership in Canadian newspaper journalism and major contribution to journalism education.

At Spring Convocation, held on June 5, 6 and 8 - 12, 1987, 4,685 graduates received degrees, diplomas and certificates. Honorary degrees were conferred upon the following:

RALPH MACKENZIE BARFORD (LL.D.), President of Valleydene Corporation of Toronto, honored as an exemplary Canadian entrepreneur and for generous contributions of time and effort toward the promotion of business education.

CHARLES GEORGE DRAKE (D.Sc.), world renowned neurosurgeon honored for his pursuit of excellence in the field of neurosurgery, remarkable devotion to academic medicine, and personal integrity in the practice of medicine.

BETTY KENNEDY (LL.D.), broadcast journalist and exemplary citizen, honored for her outstanding contributions to radio and television journalism and participation in a variety of educational, social and charitable concerns.

PETER LEWINGTON (LL.D.), leading Southwestern Ontario livestock farmer, agricultural writer, editor, and advocate, honored for his major national and international contributions to farming, agriculture and conservation.

JAMES RUSSELL MALLORY (LL.D.), distinguished Canadian political scientist, honored for his significant contributions to public administration, political science and law, and outstanding service to the academic community of Canada.

ROBERT FREER OSBORNE (LL.D.), first Director and Professor of the School of Physical Education and Recreation at the University of British Columbia, honored for his significant contributions to the promotion of amateur sport in Canada.

BALACHANDRA RAJAN (D.Litt.), scholar of 17th century literature and Professor Emeritus in Western's Department of English, honored as a literary scholar of international distinction and dedicated university teacher.

RONALD LAMPMAN WATTS (LL.D.), former Principal of Queen's University, honored for his scholarship in Canadian public policy and leadership in post-secondary education as a university teacher and administrator and as a member of the Bovey Commission.

The University of Western Ontario Award for Excellence in Teaching was presented to three members of the faculty during Spring Convocation.

Receiving the awards in recognition of their outstanding contribution to teaching at the University were: Dr. M.W. Edmonds and Dr. W.W. Weston, Faculty of Medicine, and Professor M.A. Lachance, Faculty of Science.

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RESEARCH

Direct support to researchers at The University of Western Ontario was maintained at more than \$40 million for the financial year 1986-87. (Figure 1) A reduction in funds from federal government sources was counterbalanced by an increase from the provincial and foreign governments and transfer of funds from medical trusts, Second Century Fund and the Plan for Excellence program. The distribution of expenditures across faculties (1986-87) displayed a pattern similar to previous years. (Figure 2)

The University of Western Ontario will be participating in six of the seven recently established Ontario Centres of Excellence. It is anticipated that research funds in the order of \$1.5 million per year will be generated through Western's involvement with these Centres of Excellence.

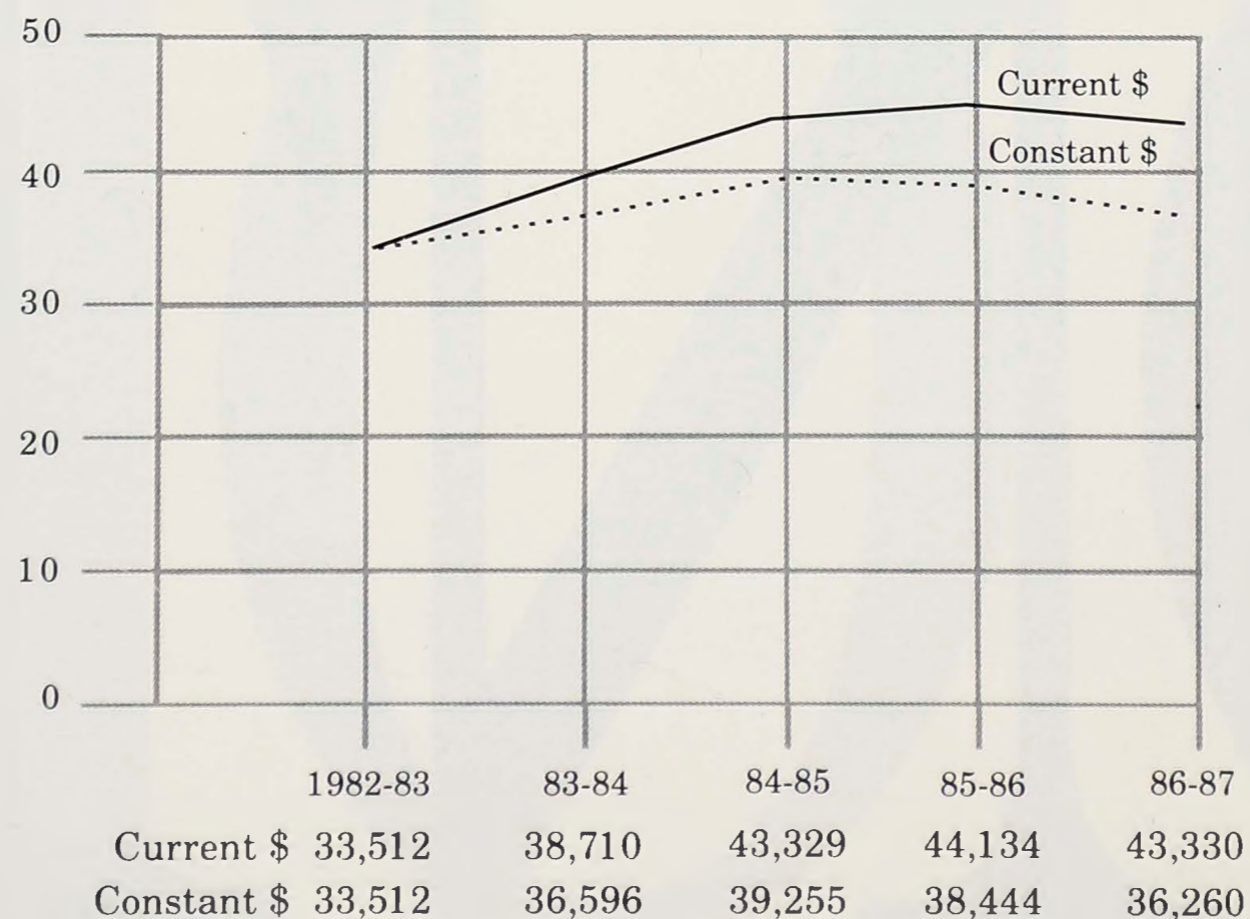
The Centre in Information Technology will involve the University of Western Ontario with the Universities of Waterloo, Toronto and Queen's in a study of artificial intelligence, cognitive science and intelligence control.

Western will contribute to studies in computer-aided design and integration of manufacturing through the Centre for Integrated Manufacturing. It is anticipated the opportunities provided by this centre will lead to increased University involvement with industry.

In a joint venture with McMaster, Queen's, Toronto and Waterloo universities, the University of Western Ontario will be participating in the centre for Materials Research. Researchers at Western will be involved in developing new and novel microscopic studies using ion beams and synchronized radiation to study surfaces and interfaces. The industrial partners involved in the centre come from 21 Ontario companies including Alcan International Ltd., Almax Industries Ltd., Bell-Northern Research Ltd., Colortech Inc., Dupont Canada Inc., Polysar Ltd., Stelco Inc., Thor Ceramics Inc., 3M Canada Inc., and the Welding Institute of Canada.

The Centre in Space and Terrestrial Science will involve Western and York University researching in the area of solar terrestrial physics. Fifteen companies have agreed to participate in this centre.

Figure 1
Research Revenue 1982-87
(thousands of dollars)



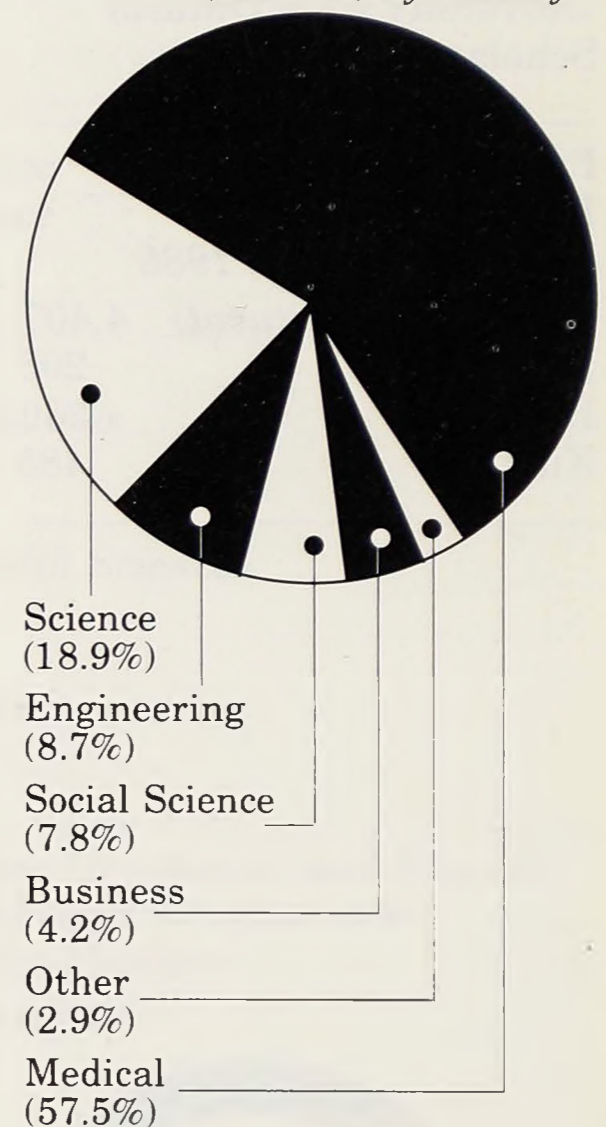
Western will contribute to studies in laser and lightwave technology through the Centre for Advanced Laser and Lightwave Research located at the University of Toronto. The field of lasers is one of the most rapidly growing in the industrial world and the centre will be working closely with the private sector.

Western will be participating in the University of Waterloo based centre for Groundwater Research through a joint appointment of a postdoctorate researcher who will be located at The University of Western Ontario.

One of the many foundation grants researchers at Western were successful in securing included a major grant from the Ford Foundation to support a research project on developing countries and the global trading system. The project will be conducted by researchers in the Department of Economics over a two year period and will involve personnel from 11 developing countries and participating developed country scholars.

The academic year concluded on a high note with the announcement of a \$16.7 million capital grant from the provincial government toward construction of the planned \$25 million Western Science Centre. This major facility will bring together researchers from a number of scientific areas to pursue their work and forge closer links with the private sector.

Figure 2 Research Expenditure (1986-87) by Faculty



Other:
Arts
Applied Health Sciences
Education
Graduate Studies
Journalism
Library & Information Science
Law
Music
Nursing
Part-Time &
Continuing Education
Physical Education
Dentistry

Included in Figure 1 and 2 above is revenue and expenditure for the Boundary Layer Wind Tunnel; Surface Science Western; Occupational Health and Safety Resource Centre; and the Statistical Laboratory.

ACADEMIC AFFAIRS

Enrolment

The number of applications for admission to first year studies reflects the strong and continuing interest in Western by students throughout the country. As in the previous year Western enrolled more than 15 percent of all Ontario Scholars who chose to register in Ontario universities, the second highest percentage in the province. In November 1986, 1,620 of the 4,407 full-time first year students registered at the constituent University were Ontario Scholars.

Full-time Year One Enrolment as of November 1, 1986

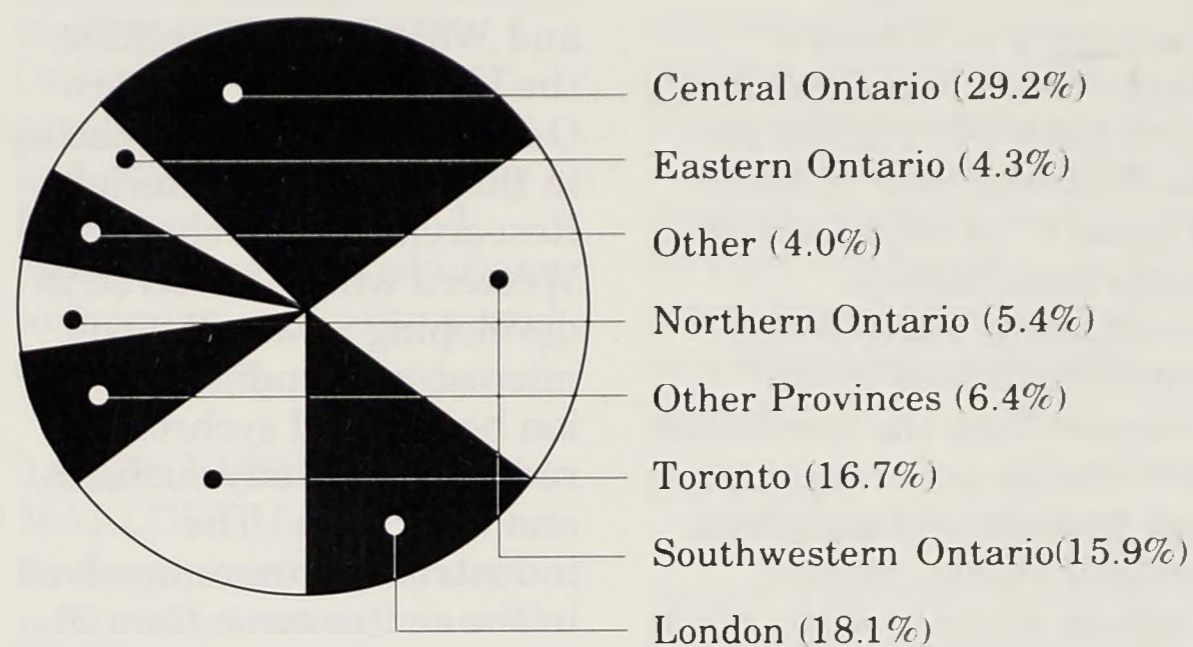
Western (constituent)	4,407
Brescia	205
Huron	230
King's	485

In November 1986 full-time constituent undergraduate enrolment was 15,346, a slight increase of 174 over the 1985 enrolment figures. Western has consciously made an effort to manage its human and physical resources in order to maintain a stable enrolment pattern in order to capitalize on the strengths of the University and to plan for the future.

Figure 1 shows the geographical origin of full-time students who entered the constituent University in September 1986. The University attracts a significant portion of its total enrolment from the City of London and southwestern Ontario.

Western continues to register more than 46 percent of Grade 13 graduates from its local area, a percentage ranking among the highest in the province.

Figure 1



ONTARIO

ACADEMIC AFFAIRS

Academic Administrative Appointments

effective July 1, 1986 through June 30, 1987

Deans:

Initial Appointments:

W.S. FYFE *Science*
T.M. LENNON *Arts*
G.J. MOGENSEN *Graduate Studies*
J.L. STOKES *Music*

Reappointments:

T.N. GUINSBURG *Part-time and
Continuing Education*
P.B. PARK *Education*

Acting Deans:

J. BANCROFT *Science*
C. FARBER *Part-time and
Continuing Education*
F.B.W. HARPER *Education*
H.A. STEVENSON *Education*

Chairmen:

Initial Appointments:

G.M. BANCROFT *Chemistry*
J.R. BEND *Pharmacology and Toxicology*
I. GARGANTINI *Computer Science*
R.A. GOYER *Pathology*
B. HOBBS *Diagnostic Radiology and
Nuclear Medicine*
R. KARLOVICH *Communicative Disorders*
M.E. SEGUIN *Anthropology*
R.A. VERNON *Political Science*
N.R. WILLIS *Ophthalmology*
R. WOOD *Music Education*

Acting Chairmen:

Initial Appointments:

J. CARROLL *Computer Science*
P.B. CAVERS *Plant Sciences*
M.S. HAQ *Statistical and Actuarial Sciences*
R.B. PHILP *Pharmacology and Toxicology*
I.G. WALKER *Biochemistry*

Reappointments:

A.J. MCKINNA *Ophthalmology*
D.M. OGILVIE *Zoology*
A.C. WALLACE *Pathology*

Associate Deans:

Initial Appointments:

C. MATHER *Music*
P.J. SULLIVAN *Science*

Reappointments:

T.F. SEA *Social Science*
J.F. TEEVAN *Social Science*

Assistant Deans:

Initial Appointments:

D.F. CHAPIN *Graduate Studies*
P. CLEMENTS *Music*
G.A. GIBSON *Medicine*
H.A. LEEPER *Applied Health Sciences*

Reappointments:

S.B. GALSWORTHY *Graduate Studies*

Other Initial Appointments:

T.J. COLLINS *Vice-President (Academic) and Provost*
G.J. MOGENSEN *Acting Vice-President (Research)*
S. PEPPER *Associate Vice-President
(Academic Affairs)*

BRIO

ACADEMIC AFFAIRS

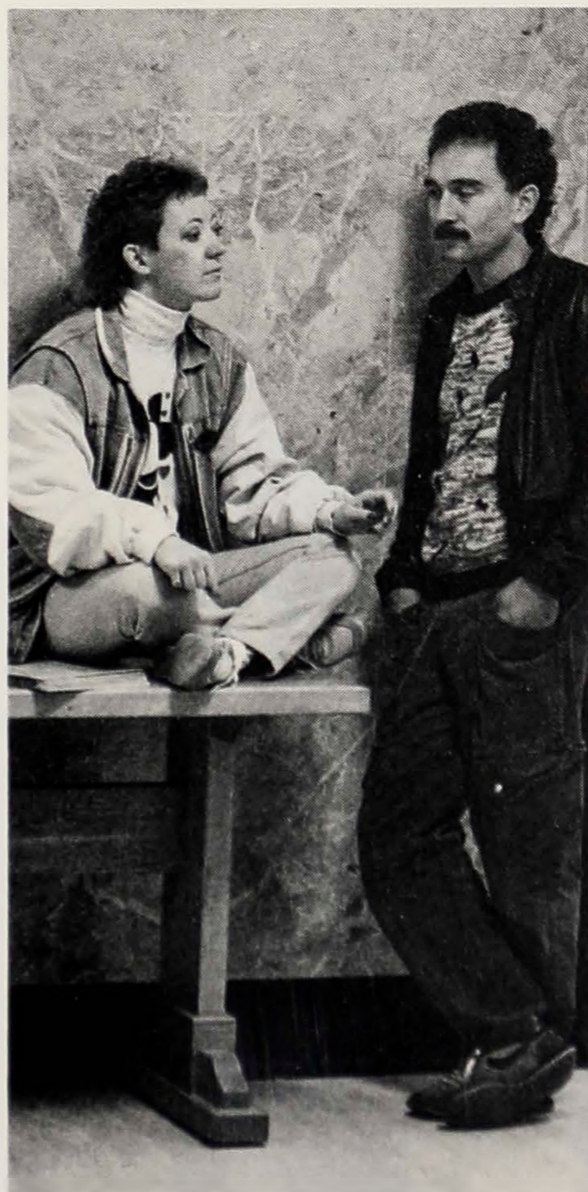
Faculty & School Reports

Faculty of Applied Health Sciences

There have been some excellent developments in the Faculty of Applied Health Sciences. A substantially better financial position exists in Communicative Disorders this year as a result of new external funding totalling over \$770,000 including the \$246,000 Ontario Ministry of Health grant for renewing obsolete equipment. A grant of \$175,000 for running the clinical teaching/service component of the department was also obtained from the Ontario Ministry of Health. To track clinic expenditures more closely and in such a way that they can be reported clearly to the ministry, the Communicative Disorders clinic is now budgeted separately from the main department. The Physical Therapy department will benefit from an increase in base complement funding that is taking effect in the current year.

An alumni group has been created and will be involved in increasing support to the faculty from its former students. The "Friends of the Faculty" group has met several times and is devising plans to support the University in its fund

raising activities. Space and staff restrictions remain major impediments to progress and the maintenance of the faculty's leadership position in each of its disciplines. Considerable effort has been made to bring in further Ontario Ministry of Health funding to support teaching and research in the faculty and the receipt of some such funding from the Assistive Devices program is anticipated for the current year.



Faculty of Arts

During 1986-87 the Faculty of Arts achieved notable success in fulfilling its essential twin-mission of teaching and research. For the sixth consecutive year enrolment in the faculty rose significantly. Not only are students taking more Arts courses as options, but more are choosing programs in the faculty. This is partly a reflection of the North American phenomenon of students returning to the humanities, but it also reflects the value the faculty gives to all levels of instruction.

A healthy level of research activity was indicated in a number of ways. Most prominently, the Centre for the Study of Theory and Criticism came into existence. Its plans call for a colloquia series of visiting speakers, an MA program, a summer institute, discussion groups and other resources for scholars working in what is undeniably the most conspicuous growth area in the humanities today. More than a hundred faculty members from a dozen departments and faculties have already become involved in its activities. The sixth annual Tamblin Lecture was given by Edward Said of Columbia University; his three-day treatment of the topic of cultural imperialism was a critical success and drew huge crowds. Individual departments were similarly successful in presenting speakers. For example, the French department hosted a presentation by the Acadian

writer Antonine Maillet, the only non-French winner of the prestigious Prix Goncourt. The Philosophy department staged an international conference in contractarian theory. At the individual level, Professors Bentley and Shroyer produced the first four volumes in the Canadian Poetry series. The Ashby Lecturer at Clare Hall, University of Cambridge, was Professor Bentley. Professors Groden and Kreiswirth signed a contract to produce the *Johns Hopkins Guide to Literary Theory And Criticism*, to which seven other members of the English Department will be contributing among a group of internationally known scholars. The first two Faculty of Arts Research Professorships were awarded to Professors Hieatt and Wiley. The faculty was also able to make first-rank appointments at several levels, notably including a new chairman of the Department of Visual Arts. Finally, Professor Reuel Wilson published *Poland's Caribbean Tragedy*, that was reviewed by both the *New York Times* and The *New York Review of Books*, which was probably a first for the University.

ACADEMIC AFFAIRS

Faculty of Dentistry

The Faculty of Dentistry was awarded a Medical Research Council Development Grant which has funded a joint faculty appointment in the Division of Oral Biology and the Department of Physiology. The addition of the appointee, Dr. S.J. Dixon, will provide a critical mass in the field of bone research. The faculty also hosted a select symposium on AIDS Research in Dentistry this year funded in part by Health & Welfare Canada and Burroughs Wellcome Canada Inc. This symposium brought together experts from across Canada and the United Kingdom and was significant in that the faculties of Engineering Science and Dentistry at the University collaborated for the event. This conference has led to a number of research applications on environmental aspects of virology.

The faculty has substantially increased its research funding and this is resulting in an increased number of publications. This year there were more than 70 publications in refereed journals.

Finally the Department of Medical Biophysics has been incorporated into the constitution of the faculty.

Faculty of Education

The Faculty of Education received a record number of well-qualified applications for admission to the Bachelor of Education degree program. The entry of so many talented people into the teaching profession is the basis for considerable optimism about the future of public education. The softening of the employment market, brought about by the lower birth rate, has improved somewhat and graduates of the program are finding jobs at a rate that suggests an appropriate balance between supply and demand across the province.

As part of the ongoing review of the practice teaching component of the BEd program, the faculty has been involved with the London Board of Education to set up a new model for student-teacher practicum placement and supervision.

The graduate program moved into the second year of an innovative research based program in the Master of Education Studies degree. The effect has been to raise the calibre of conceptualization and statistical sophistication of graduate student research. The faculty has moved also to increase the number of foreign graduate students enrolling in the Master's programs. This past year has seen two South African Zulus and three mainland Chinese students enrolled, in addition to other foreign nationals.

The faculty has taken an active role in submitting proposals to the Teacher Education Review committee, set up by the province to examine the nature of teacher education.

The Continuing-Education program of the faculty is a major contributor to the development of teachers in the province. This last year more than two thousand provincial teachers were enrolled in some 40 courses. In terms of scholarly conferences, the highly successful Second R Conference continued to attract a significant number of attendees. The faculty has also set up other conference and lecture series including the Curriculum Studies lecture series.

The Leadership Centre, which is a joint enterprise of the Faculty of Education and the Ontario Institute of Studies in Education, has been in the forefront of development and research in both leadership training and the selection of senior public school administrators.

Two professors have contributed historical and legal reviews to legal firms involved in the recent federal Supreme Court case on the funding of separate schools.

The faculty continues to be the editorial base for a number of status journals in education and is about to add a Canadian editorial office for a prestigious international journal, the *International Journal of Qualitative Studies in Education*. The Althouse Press has been an important agency for the encouragement of scholarly writing in education, as well as maintaining contractual relationships with a number of foreign English language publishers.

Faculty of Engineering Science

The development of the faculty took a significant turn in 1986-87 with the administrative reorganization of the Departments of Chemical and Biochemical, Civil, Electrical, Materials, and Mechanical Engineering. Each department is now responsible for its undergraduate program. However all departments collaborate in offering graduate programs under faculty control. In this way, the benefits of a multi-disciplinary approach to research and graduate studies has been retained while at the same time the benefits of a department structure for other matters are retained.

New developments in the undergraduate curricula include plans for the introduction of three streams, or options in existing programs: namely Biochemical Engineering in the Chemical program, Computer Engineering in the Electrical program, and Computer-Aided-Design (CAD), Computer-Aided-Manufacturing (CAM), and Computer-Integrated-Manufacturing (CIM) in the Mechanical program. In connection with the latter, it is interesting to note that one of the Mechanical Engineering faculty members has completed a cooperative project with IBM on the use of networked personal computers in the teaching of CAD and is currently an active member of the Ontario Centre of Excellence in Integrated Manufacturing.

In the research area, we welcome the establishment of the Chemical Reactor Engineering Research Centre as the most recent addition to our group of Faculty-based research centres. As such, it joins the

ACADEMIC AFFAIRS

Faculty of Graduate Studies

Boundary Layer Wind Tunnel Laboratory, the Geotechnical Research Centre, and the Electrostatic Research Centre in facilitating industrial collaboration. We are also pleased to have faculty who are active members of the two science-based centres, the Centre for Radio Science and Surface Science Western. This group of centres, taken together, represents a fairly broad window to industry. As we increase our industrial collaboration in research we anticipate further centres will be considered.

The faculty is currently well-positioned for further significant development. We have good teaching programs and well-funded research in selected areas. We include among our faculty members, a number who have achieved international acclaim as scholars and researchers. Moreover, we anticipate opportunities for renewal and change over the next decade. We look to the future with confidence.

Professor Harold Stewart retired as Dean of Graduate Studies on June 30, 1986 having completed fourteen years of distinguished leadership in the position. During this period graduate student enrolment increased by 35 percent to a total of approximately 2500 for the 1986-87 academic year. From 1972 to 1986 the number of graduate programs increased from 85 to 95, with 33 at the doctoral level. At the fall convocation in 1986, the number of doctoral degrees awarded at Western in one year reached one hundred for the first time. The most recent additions are doctoral programs in Computer Science and Musicology, both of which successfully completed standard appraisal by the Ontario Council of Graduate Studies (OCGS) in the summer of 1986.

All graduate programs in Ontario undergo periodic appraisal by OCGS to ensure high academic standards. During 1986-87 periodic appraisals were completed for graduate programs at Western in Geography, History, and Sociology and documentation was prepared for the periodic appraisal of graduate programs in Anthropology, Applied Mathematics, Chemistry, Economics, Journalism, Library and Information Science, Mathematics and Statistics and Actuarial Science. These OCGS appraisals evaluate the academic calibre of graduate students and of faculty members and the quality of their research and scholarly environment.

In order to attract high quality graduate students the Faculty of Graduate Studies is very determined to increase the availability of scholarships, teaching assistantships and support from faculty research grants. For the 1986-87 academic year Admission Scholarships were provided for 150 graduate students. Approximately 250 graduate students were awarded scholarships from federal and provincial sources.

During the last year the federal and Ontario governments introduced policies and initiatives that give graduate studies a higher priority. This will contribute to an increase in the number of graduate students at Western. An example is the program announced in December, 1986 to establish Centres of Excellence in Ontario involving research collaboration between universities and the private sector. Western's participation in six of the seven centres will provide opportunities for graduate students in Chemistry, Computer Science, Engineering, Physics and Psychology to work with outstanding teams of investigators.

Faculty of Law

During the past academic year, several individual faculty members conducted, or started, major well-funded research projects in several areas including drug and alcohol abuse, the effect of the Charter of Rights on the criminal system, and tax reform. In addition, important treatises on various legal topics were published.

The National Tax Centre conducted its third annual seminar on taxation and held a major conference on U.S. Tax Reform and its implications for Canada. A similar conference, sponsored in part by the centre, was held in London in November, 1986.

The Canada-U.S. Law Institute, in addition to its annual student exchange program with Case-Western University in the United States, conducted a major research project entitled the "Role of Corporate Counsel and Dispute Resolution." Results of that study should be published this year. "Family Dispute Resolution" which emanated from a prior conference of the Institute was published commercially.

The Canadian Centre for the Study of Women, Law & Society organized a national conference on "Aboriginal Women and the Law" with a grant from the Department of Employment and Immigration.

Week long seminars on Legal History and Legal Philosophy drew leading scholars from across Canada, the United States and Britain.

The faculty also continued its annual two week course on law for journalists and attracted journalists, editors and radio and TV personnel from across the country.

FINANCIAL REPORT

The summary of Basic Operating Revenues and Expenses set out below is based on the format used in the preparation of the University's budget and has been derived from the audited financial statements.

The University experienced a \$242,000 deficit during 1986-87 in the basic operating budget which supports the academic, academic services and administrative activities of the University. Figure 1 provides a comparative analysis of the 1986-87 and 1985-86 basic operating revenues and expenses. The major sources of revenue continue to be the operating grant

from the province of Ontario and student tuition fees. Figure 2 provides a percentage distribution of 1986-87 basic operating revenues and expenses.

As indicated in Figure 1, the unappropriated basic operating reserve amounted to \$986,000 at April 30, 1987

which is 0.6 percent of 1986-87 revenue. Such a limited reserve provides a very small safety margin against unexpected fluctuations in revenues and expenses and reinforces the need for a careful allocation of resources as well as tight financial controls throughout the year.

Figure 1

SUMMARY of BASIC OPERATING REVENUES and EXPENSES

Year ended April 30, 1987
(With comparative amounts for the year ended April 30, 1986)
(thousands of dollars)

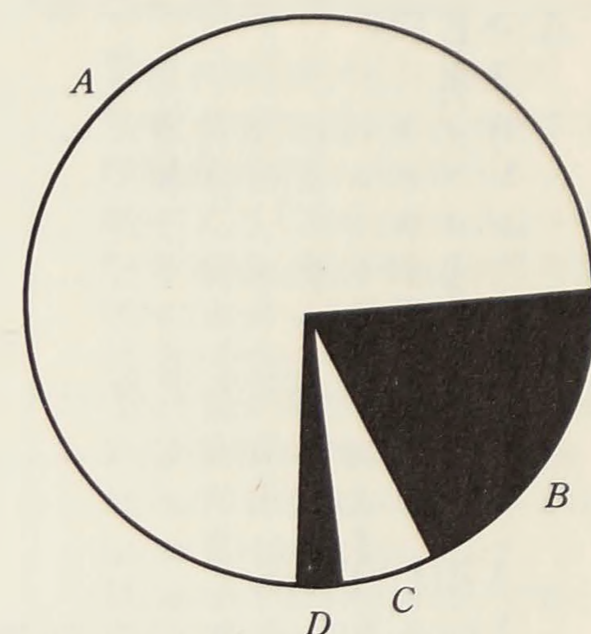
	1987	1986
REVENUE:		
Government Grants:		
Province of Ontario operating grant.	\$122,722	\$119,026
Municipal tax grant.....	870	877
City of London.....	80	80
Other municipalities.....	45	35
Trois-Pistoles summer school.....	433	404
Other.....	418	388
Student academic fees.....	29,468	28,002
Salaries and benefits recovered from hospitals and other external agencies.....	9,886	8,425
Investment income.....	2,650	2,650
Miscellaneous.....	1,130	1,012
Total Revenue.....	<u>167,702</u>	<u>160,899</u>
EXPENSES and APPROPRIATIONS		
Academic.....	117,981	112,441
Academic services and support.....	19,463	19,215
Student services and support.....	7,516	7,415
Administrative services.....	6,850	6,163
Plant operation and maintenance.....	13,654	13,588
Other.....	2,480	2,857
Total Operating Expenses and Appropriations.....	<u>\$167,944</u>	<u>\$161,679</u>
Net Surplus (Deficit) for the year.....	<u>(242)</u>	<u>(780)</u>
Basic Operating Reserve at the end of the year.....	<u>986</u>	<u>1,647</u>
Basic Operating Reserve as a percentage of total annual revenue..	<u>0.6</u>	<u>1.0</u>

Figure 2

BASIC OPERATING REVENUES and EXPENDITURES

For the year ended April 30, 1987
(with comparative amounts for 1986 in brackets)

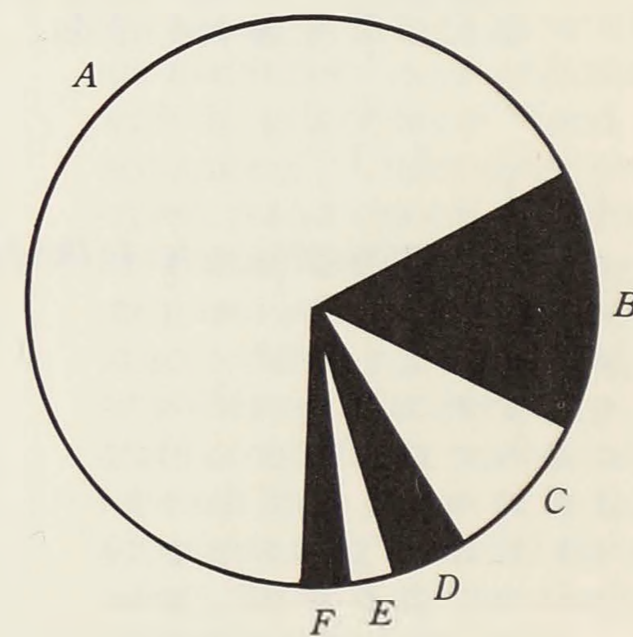
TOTAL REVENUES - \$167,702,000



- A) Government Grants 74.2% (75.1%)
- B) Student Academic Fees 17.6% (17.4%)
- C) Other 6.6% (5.9%)
- D) Investment Income 1.6% (1.6%)

TOTAL EXPENSES and APPROPRIATIONS \$167,944,000

(with comparative amounts for 1986 in brackets)



- A) Academic 70.2% (69.5%)
- B) Academic Services and Support 11.6% (11.9%)
- C) Plant Operation and Maintenance 8.1% (8.4%)
- D) Student Services and Support 4.5% (4.6%)
- E) Administrative Services 4.1% (3.8%)
- F) Other 1.5% (1.8%)

The UNIVERSITY of WESTERN ONTARIO

CONDENSED STATEMENT of FINANCIAL POSITION

For the year ended April 30, 1987
(with comparative totals for the year ended April 30, 1986) (thousands of dollars)

	Operating Funds	Capital Funds	Restricted Funds	1987 Total	1986 Total
ASSETS					
Cash	\$ 3			\$ 3	\$ 2
Investments (note 2)	22,142	\$ 6,017	\$52,383	80,542	74,383
Accounts receivable	3,754	30	6,714	10,498	9,662
Inventories	4,063		27	4,090	3,664
Prepaid expenses	1,144			1,144	1,055
	<u>31,106</u>	<u>6,047</u>	<u>59,124</u>	<u>96,277</u>	<u>88,766</u>
Deferred costs (note 3)	2,181		8	2,189	2,541
Fixed assets (note 4)		335,436		335,436	312,911
	<u>\$33,287</u>	<u>\$341,483</u>	<u>\$59,132</u>	<u>\$433,902</u>	<u>\$404,218</u>
LIABILITIES					
Due to bankers on current account	\$ 1,728			\$ 1,728	\$ 3,016
Accounts payable, accrued charges and deferred income	17,056	\$ 68	\$ 151	17,275	15,328
Due to (from) related corporations and foundations ..	(214)	15	509	310	429
Term debt (note 5)		25,938		25,938	22,058
Interfund accounts	2,181	(2,189)	8		
	<u>20,751</u>	<u>23,832</u>	<u>668</u>	<u>45,251</u>	<u>40,831</u>
EQUITY IN FIXED ASSETS		309,489		309,489	290,852
FUND BALANCES					
Unappropriated	3,463			3,463	3,880
Appropriated	9,073			9,073	7,637
Unexpended funds for special purposes		8,162	44,274	52,436	48,400
Capital of endowed funds			14,190	14,190	12,618
	<u>12,536</u>	<u>8,162</u>	<u>58,464</u>	<u>79,162</u>	<u>72,535</u>
	<u>\$33,287</u>	<u>\$341,483</u>	<u>\$59,132</u>	<u>\$433,902</u>	<u>\$404,218</u>

(see accompanying notes to the condensed financial statements)

AUDITORS' REPORT

To The Board of Governors,
The University of Western Ontario

We have examined the financial statements of The University of Western Ontario for the year ended April 30, 1987 which were prepared in accordance with the basis of accounting summarized in note 1 to the accompanying condensed financial statements, and have reported thereon, without reservation, to The Board of Governors on July 24, 1987. Our examination included these condensed statements of financial position, changes in fund balances and equity in fixed assets for the year ended April 30, 1987.

In our opinion, the accompanying condensed financial statements fairly summarize the related information contained in the financial statements examined by us.

London, Canada
July 24, 1987

Clarkson Gordon
Chartered Accountants

The UNIVERSITY of WESTERN ONTARIO

CONDENSED STATEMENT of CHANGES in FUND BALANCES

For the year ended April 30, 1987

(with comparative totals for the year ended April 30, 1986)

(thousands of dollars)

	Unappropriated Operations, Ancillaries, Support Units and Related Organizations	Appropriated Operations, Ancillaries, Support Units and Related Organizations	Capital Funds	Restricted Funds	1987 Total	1986 Total
INCOME:						
Government grants and contracted services	\$124,568		\$ 3,218	\$28,136	\$155,922	\$155,880
Student academic fees	29,468			3,384	32,852	31,458
Gifts, grants and donations				28,873	28,873	26,487
Sales and other income from ancillaries and support units	33,097				33,097	31,089
Sales and other income from related organizations	2,580				2,580	2,295
Investment income	2,650	\$ 471	748	1,318	5,187	8,912
Salaries and benefits recovered from external agencies	9,886				9,886	8,425
Additions to long term debt			4,412		4,412	3,970
Other revenues and additions	1,130		479	691	2,300	2,185
	<u>203,379</u>	<u>471</u>	<u>8,857</u>	<u>62,402</u>	<u>275,109</u>	<u>270,701</u>
EXPENDITURES:						
Academic—faculties and schools	117,268				117,268	112,180
—services and support	19,143				19,143	19,244
Assisted research				40,517	40,517	40,845
Student services and support	7,427				7,427	7,337
Administrative services	6,627				6,627	6,144
Plant operations and maintenance	13,533				13,533	13,584
Expenses of ancillaries and support units	32,961				32,961	31,313
Expenses of related organizations	2,696				2,696	2,883
Restricted fund expenditures				17,646	17,646	13,757
Capital fund expenditures			8,269		8,269	9,413
Other expenditures and deductions	1,699	5		691	2,395	9,755
	<u>201,354</u>	<u>5</u>	<u>8,269</u>	<u>58,854</u>	<u>268,482</u>	<u>266,455</u>
Increase in fund balances before transfers	2,025	466	588	3,548	6,627	4,246
Transfer among funds—additions (deductions)	(1,891)	419	285	1,187		
Net increase in fund balances for the year	134	885	873	4,735	6,627	4,246
Fund balances, beginning of year	3,880	7,637	7,289	53,729	72,535	68,289
Expenditures applicable to prior years' appropriations	1,508	(1,508)				
Appropriations for the year	(2,059)	2,059				
Fund balances, end of year	<u>\$ 3,463</u>	<u>\$ 9,073</u>	<u>\$ 8,162</u>	<u>\$58,464</u>	<u>\$ 79,162</u>	<u>\$ 72,535</u>

(see accompanying notes to the condensed financial statements)

CONDENSED STATEMENT of EQUITY in FIXED ASSETS

For the year ended April 30, 1987

(with comparative amounts for the year ended April 30, 1986) (thousands of dollars)

	1987	1986
BALANCE, BEGINNING of YEAR	<u>\$290,852</u>	<u>\$214,943</u>
ADD:		
Principal repayments on term debt	637	2,208
Capital funds expended on—		
Furniture, apparatus and equipment	3,025	1,989
Buildings and installed equipment	3,925	7,083
Land improvements		83
Operating funds expended on—		
Furniture, apparatus, equipment and library books	9,500	10,462
Buildings and installed equipment	342	495
Land improvements	85	348
Restricted funds expended on—		
Furniture and equipment	6,163	5,258
Donations in kind	50	88
Debenture debt forgiveness by the Province of Ontario		51,986
	<u>23,727</u>	<u>80,000</u>
LESS:		
Disposal of assets	573	271
Increase in term debt—		
Capital lease	3,917	
Promissory notes payable		3,020
Note payable to Foundation Western	600	800
	<u>5,090</u>	<u>4,091</u>
BALANCE, END of YEAR	<u>\$309,489</u>	<u>\$290,852</u>

(see accompanying notes to the condensed financial statements)

NOTES to the
CONDENSED
FINANCIAL
STATEMENTS April 30, 1987

1. SUMMARY of SIGNIFICANT
ACCOUNTING POLICIES
and REPORTING PRACTICES

a) *Condensed Financial Statements*

The condensed financial statements of the University reflect assets, liabilities, equity in fixed assets, fund balances, income, expenditures and other transactions of the Operating Funds, Capital Funds and Restricted Funds. These statements include the accounts of Platt's Lane Estates Inc., the Museum of Indian Archaeology (London) and a one third share of Spencer Hall Foundation.

Interfund balances and transactions have been eliminated on combination.

b) *Fund Accounting*

In order to ensure observance of limitations and restrictions placed on the use of resources available to the University, the accounts of the University are maintained in accordance with the principles of "fund accounting". Under these principles, resources are classified for accounting and reporting purposes into funds that are in accordance with specified activities or objectives. Separate accounts are maintained for each fund; however, in the accompanying financial statements, funds that have similar characteristics have been combined into the three funds noted above.

Operating funds of the University account for the academic, administrative and operational costs financed by fees, grants and other general income for basic operating units, ancillaries, support units, and related organizations.

Capital funds record amounts expended and funds available to be spent on fixed assets, as well as special grants received for major repairs and maintenance.

Restricted funds account for monies received for research, non-credit programs, and for specific purposes other than those designated for capital and operating funds.

NOTES to the
CONDENSED
FINANCIAL
STATEMENTS April 30, 1987

c) *Student Academic Fees*

All tuition and other academic fees which become due for an academic term which occurs within the fiscal year are included as operating revenue.

Fees for non-credit continuing education and community service programs are included in "restricted funds" as billed.

d) *Investments*

Investments are recorded in the accounts at cost.

Investment income for externally managed pooled funds is realized based on the pro-rata share of the income of the funds. The allocation of the investment income to various funds is based on rates determined by the Board of Governors.

Capital gains and losses are recorded only on realization, or, in the case of losses, where the University considers that an investment has experienced a permanent impairment in value.

e) *Inventory Valuation*

Inventories are stated at the lower of cost and replacement cost.

f) *Fixed Assets*

Fixed assets are recorded at their cost at the date of acquisition or at their fair value at the date of donation in the case of gifts.

The cost of assets acquired by operating and restricted funds are charged to the appropriate fund. These amounts, together with the cost of construction and initial equipping of new or renovated buildings, have been added to fixed assets and equity in fixed assets. No provision for depreciation has been made.

The cost of fixed assets acquired by operating and restricted funds by means of repayable advances from capital funds is capitalized and is charged to operations over the term of the interfund debt.

For assets acquired by means of external financing, equity in fixed assets is increased as principal repayments are made.

The University removes from fixed assets and equity in fixed assets the original cost of all fixed assets disposed of in the year. The proceeds of disposition are credited to the appropriate fund.

g) *Vacation Pay*

Vacation pay of hourly staff is recorded in the accounts as the entitlement is earned. Vacation pay of salaried staff is recorded when paid.

2. INVESTMENTS

The market value of investments at April 30, 1987 was \$84,276,000 (1986 - \$71,874,000).

3. DEFERRED COSTS

The University sets up deferred costs to account for fixed assets acquired by both operating and restricted funds by means of internal cash loans from capital funds. The amortization period for each transaction is not permitted to exceed the estimated useful life of the equipment. The amortization periods vary from one to nine years.

4. FIXED ASSETS

	1987 (\$000)	1986 (\$000)
Furniture, apparatus, equipment and library books.....	167,831	149,668
Buildings and installed equipment.....	163,032	158,755
Land and improvements.....	4,573	4,488
	<u>335,436</u>	<u>312,911</u>

5. TERM DEBT

	1987 (\$000)	1986 (\$000)
Canada Mortgage and Housing Corporation.....	10,401	10,450
Ontario Student Housing Corporation....	7,368	7,435
Capital Lease.....	3,781	-
Promissory Notes Payable.....	2,800	3,020
Note Payable to Foundation Western....	1,400	800
Other.....	188	353
	<u>\$25,938</u>	<u>\$22,058</u>

6. FUNDS APPROPRIATED FOR SPECIFIC PURPOSES

The appropriation of operating funds for specific purposes reflects the application of the Board of Governors' policy and includes reserves for departmental expenses budgeted for but not expended; for the replacement of assets; and for self insurance.

7. LIABILITY FOR UNFUNDED PENSION COSTS

The actuarial valuations at December 31, 1986 indicated a surplus of assets available to meet the estimated obligations for past service to special pension fund members in both the academic and administrative pension plans.

8. LEGAL MATTERS

The University is involved from time to time in litigation which arises in the normal course of operations. The outcome of any such on-going litigation is not determinable at this time, and accordingly, no provision has been made in the accompanying condensed financial statements.

ACADEMIC AFFAIRS

Faculty of Medicine

In common with other parts of the University, the medical school responded to new challenges and growing responsibilities in the face of serious resource constraints. Since the medical school has a major commitment to the provision of clinical service as an integral part of education and research, it was at the nexus of all the contemporary economic forces being brought to bear on both systems of higher education and health care. These forces slowed down the recruitment of new scholars in the basic medical sciences. As a result the clinical professoriate was increasingly called upon to provide support for academic activities from clinical service income with a corresponding change in commitments. Nonetheless, the general objectives of the faculty in education, research and clinical service were met and new initiatives were started.

Admission policies for medical students were changed to give more weight to personal attributes including communication skills. In all, 700 students were interviewed to select the first year class of 105 students. Reform of undergraduate medical education that emphasizes independent study and problem-based learning was continued and a Computer-Based Learning Centre was opened to complement these developments. Teaching of basic medical science to students in other faculties presented special problems because a shortage of

resources made it difficult to provide students with hands-on experience in laboratories in such disciplines as anatomy, physiology, biochemistry and microbiology and immunology. A task force was established to explore ways and means of coping with these essential commitments within the available resources.

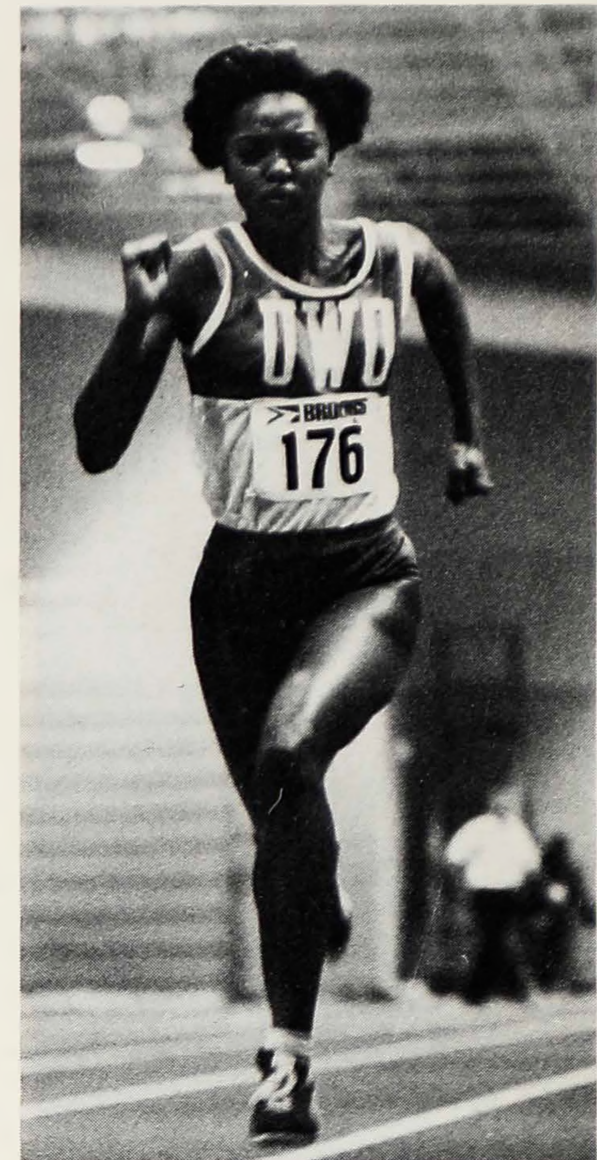
Postgraduate medical education was provided to 400 interns, residents and fellows, and to 218 full-time graduate students in the basic medical sciences. Certain clinical training programs, including internal medicine, paediatrics and family medicine were reduced in size at the request of the Ministry of Health due to a perceived over supply of doctors in Ontario.

To meet the needs of health care professionals practising in the community, Continuing Medical Education was expanded and a broad spectrum of conferences and refresher courses were offered to them.

While meeting commitments to clinical education and clinical research, faculty members cared for patients in affiliated hospitals and institutions. They were at the forefront of developments in many areas including organ transplantation, management of complex rhythm disturbances of the heart, surgical treatment of vascular diseases of the brain, sports injuries, care of the elderly and the treatment of juvenile onset diabetes.

Research continued as a major activity in the basic medical sciences and the clinical departments of affiliated hospitals.

Research expenses in the faculty, \$26 million, represented 60 percent of all research expenditures at The University of Western Ontario. The opening of the Robarts Research Institute provided selected faculty members with new laboratories and equipment for research. New research initiatives included a Centre for Cellular and Molecular Neurosciences, an Advanced Imaging Group in Diagnostic Radiology and Medical Biophysics, a Centre for Microbiology, a Protein Analytical Facility, a program involving Clinical and Mechanical Studies of Joints and Fracture Fixation, and a Centre for Immunology and Bioartificial Organs. The faculty worked with industries to promote the development of health care technology in the London area.



ACADEMIC AFFAIRS

Faculty of Music



During the 1986-87 academic year, the Faculty of Music's graduate programs received approval to continue, with the highest possible rating from the Ontario Council on Graduate Studies. A new PhD program in Systematic Musicology—unique in Canada and in the forefront of research in the discipline internationally—was also approved and will soon be initiated.

As a testimony to the achievement of the highest standards of performance, the Faculty of Music Singers and Les Choristes won four top prizes in the CBC's National Radio Competition, and the Singers bested entrants from 16 countries to win the Hungarian Radio Trophy in the BBC's "Let the People Sing" competition. Finally, material resources of the faculty were enriched by the bequest of two Stradivari and one Guarneri violin from the late Gordon D. Jeffery. The acquisition of 15 new pianos, new tympani, a number of compact disc players, and other sophisticated audio-visual equipment rounded out the additions to the year's material resources.



Faculty of Nursing

A major goal in the Faculty of Nursing over the past year has been to improve research productivity. Faculty have attended meetings/conferences/workshops designed to increase our publication rate and success in obtaining external funding. The number of faculty and graduate student papers accepted for major research and professional conferences increased dramatically as has our publication rate in peer reviewed journals. A research consortium to develop clinical research has been formed by faculty and nursing staff from each of the four major teaching hospitals - Victoria Hospital, University Hospital, St. Joseph's Health Centre, Parkwood Hospital - and a staff member from the Middlesex-London District Health Unit. The first research project is a survey in the area of oncology nursing. Several projects are underway in the faculty including some preparatory work toward the development of a health centre primarily for care of seniors.

Scholarly work and relationships among nurses in various positions of administration, practice, teaching and research has been promoted through the establishment of The University of Western Ontario Honor Society of Nursing. The purpose of the society is to recognize superior achievement, assist in the development of leadership qualities among nurses, encourage research and scholarly endeavours, and foster a commitment to the ideals, standards and purposes of the profession. One hundred and seventy-six nursing leaders were inducted in the initial ceremony in February.

The first three years of the new undergraduate curriculum are now in place. This year a new course incorporating family, obstetrical, and paediatric nursing was implemented. A two year "fast track" BScN program for the post RN group and teleconferencing were innovations this year. We conducted a course partially through the medium of Computer Assisted Instruction. The focus of the course was nursing research and statistics. We will be building upon this experience in the continuing development of computer and audio-visual learning packages.

The project "Clinical Teaching in Nursing: A New Partnership" co-funded by the Academic Development fund of UWO and the University Hospital Foundation is progressing well. A program to prepare University Hospital nursing staff members as preceptors for our fourth year students was established. Annual workshops, manuals and job descriptions will reflect the findings of our extensive learning/teaching evaluations. St. Joseph's Health Centre, Victoria Hospital and the Middlesex-London District Health Unit will have the opportunity of using the materials developed in the project to create similar joint programs with the faculty.

ACADEMIC AFFAIRS

Faculty of Part-Time and Continuing Education

The Faculty of Part-Time and Continuing Education enjoyed continued success in its quest to provide new opportunities for lifelong learning to adults in London and region. The year was characterized by the technological enhancement of the faculty's ability to deliver courses to students at a distance, and several exciting new program developments.

Aided by the province's University Excellence Fund, the faculty was able to purchase hardware and software for the visual enhancement of its highly successful program of providing courses by audio-teleconferencing. The "telewriter" package, together with a micro-computer, enables the faculty to transmit both voice and visual data over a single telephone line. Instructors can then furnish their students in remote centres with visual materials and provide notes by means of an "electronic chalkboard." It is now possible to provide a wider range of courses via teleconferencing, including courses dependent on technical data and other visual components. The Part-Time Studies division therefore continues to augment the "traditional" program offered at 24 off-campus sites, including 15 outside London.

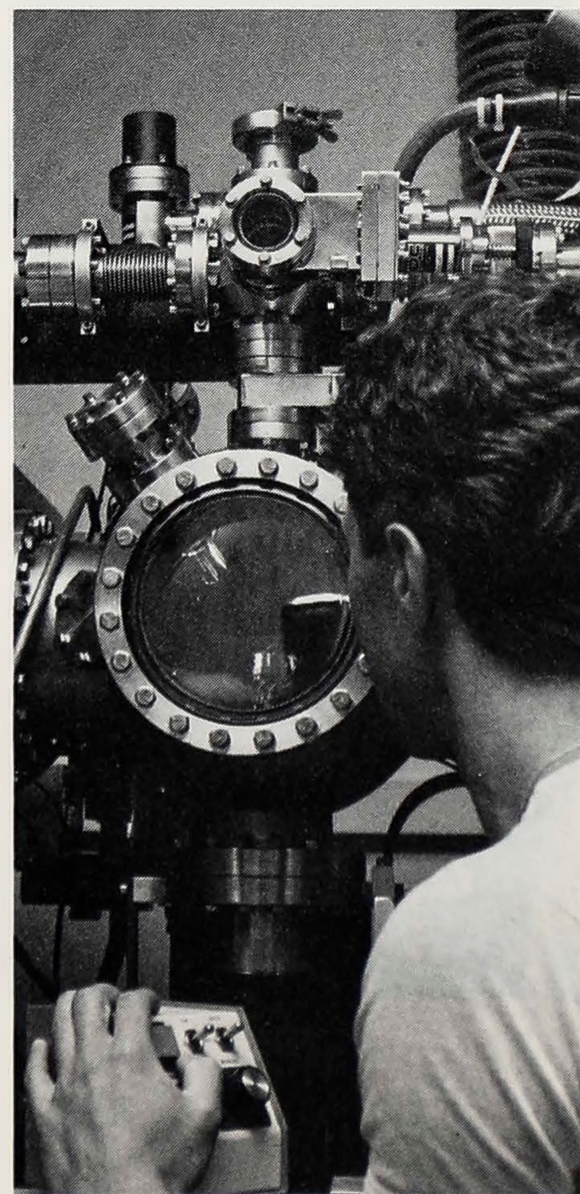
Another milestone was the passage by the University Senate of the faculty's first diploma program—the Diploma in Art Therapy. Long sought

by the London community, it is one of only two university-based art therapy programs in Canada. Proposals for further certificate and diploma programs were also developed by the faculty.

The continuing education divisions—Language Learning and Professional and Personal Development—made important strides as well. Language Learning again helped to prepare a group of Chinese students for entry into the MBA program in the School of Business Administration. Under contract from the Public Service Commission, the division offered French courses for federal civil servants. The curriculum for the Summer Intensive Japanese program was put in place, with financial assistance from the Japan Foundation. The Trois-Pistoles Summer School developed its first non-degree program for special purposes—an intensive one-week course on legal writing in French. Outstanding features of the faculty's Professional and Personal Development

program included Professor Marvin Simner's workshop on Predicting and Preventing Early Childhood Failure, offered to capacity enrolments locally and as far away as Philadelphia; the conference "Further Explorations of the Feminine Dimension"; and a conference on "Alzheimer's Disease," done collaboratively with the Faculty of Medicine and Parkwood Hospital. The faculty was awarded a contract for a sequence of workshops on "Basic Analytical Skills," to serve the managerial staff of the Ontario Ministry of Natural Resources.

Collaborative projects with London business and cultural agencies continued to flourish. The free Noon-Hour Lectures at the London Public Library were well received. Finally, the faculty received, through Foundation Western, a grant from a U.S. alumna for a special lecture series on Human Development, to be offered in early 1988.



ACADEMIC AFFAIRS

Faculty of Physical Education

The Faculty of Physical Education now boasts the largest undergraduate, and the second largest graduate program, in Canada. The Physical Recreation and Intramurals Program (PRIP) once again offered a full program to more than 12,000 students, staff and faculty. Intercollegiate Athletics (IA) won 10 OUAA/OWIAA team championships under the new administrative structure of a Chair plus a Women's and Men's Coordinator. Sport and recreation services continued to meet all the needs for the locker rooms and ticket sales for Intercollegiate Athletics. The Dr. J.C. Kennedy Athletic Injury Clinic expanded into Somerville House and now employs a full-time family physician, as well as, five physiotherapists, athletic therapists and kinesiologists. A new heating and air conditioning system was installed in Thames Hall. More than \$35,000 in renovations was spent on the pool. The faculty received several very important gifts from Don Wright, Dr. Peter Rechnitzer and the Ford Family. Most importantly the Senate and Board of Governors have passed a new five-year plan which includes an addition to Thames Hall. The new facility will include eight laboratories for

anatomy, exercise, physiology/biochemistry, motor learning, biomechanics, health studies, sociocultural studies, sport management and central computing. As well, this addition will include a new centralized administrative office and faculty, staff and graduate student offices to consolidate the faculty (which is currently housed in seven different buildings across campus).

Finally during 1986-87 faculty and staff produced more than 100 publications in learned journals and received more than \$500,000 in grant funds. In May 1987, the faculty signed an exchange agreement with Libre Universite de Bruxelles, in which research personnel and graduate students from the two institutions will visit and carry out research in the sister laboratories on an annual basis.



Faculty of Science

During the past twelve months, the Faculty of Science has received its share of good news. At a time when University budgets are strained, it was a bright day when Premier David Peterson announced a contribution of \$16.7 million for the development of the Western Science Centre. This centre will focus on new computer developments, the more applied branches of mathematics, and a high-technology science facility which will be involved in areas such as new materials, biotechnology and environmental science. Employees in the new facility will come from many departments, across the Faculties of Science, Medicine and Engineering. Many of our great problems require the integration of talent and facilities, which the new centre will provide. The new centre will also provide a facility to promote cooperation with those from the outside community, who will help us develop the newly planned Research Park. In the modern world of intense competition in innovation, these two initiatives may well give Western a new position on the Canadian scene of science and technology.

A faculty of science must strive to keep its equipment at the state-of-the-art level. A new mini-super-computer will be in place early next year. We have totally re-equipped the laboratories for introductory computer

science. In physics and chemistry, the Centre for Interface Science has strengthened the existing facilities of Surface Science Western. Combined, we have the strongest group in Canada to study atomic-molecular processes in thin films and surfaces of all types, from metals to semiconductors to bacterial cell walls.

This year, Ontario started its new program to form Centres of Excellence in areas of science of particular interest and opportunity for the province. Seven new centres or networks of excellence were created, and Western will take part in six. Overall, our research funding in science will increase by at least 25 percent during the next year.

Outstanding facilities lead to enhanced cooperation with the world exterior to our campus. Cooperation with industry is accelerating. As well, we have developed new geological programs with three Brazilian universities, funded by the Canadian International Development Agency (CIDA), and a new program with the Bombay Institute of Technology funded by the Canadian

ACADEMIC AFFAIRS

School of Library and Information Science

International Development Research Centre (IDRC). Our researchers continue to win awards and honors. John Brand of Chemistry won the most prestigious award of the Chemical Institute of Canada. Alexis Dreimanis of Geology won a Geological Society of America Distinguished Career Award. William Fyfe, of the faculty, was appointed to the executive planning board of the International Council of Scientific Unions' "Global Change" program. This initiative, supported by 55 nations, will become the largest interdisciplinary international program ever attempted in modern science. Its objective is to predict future trends in the global environment and the influence of man on it—perhaps the most urgent and difficult problem facing the human race today.

In 1986-87 the School of Library and Information Science (SLIS), became the largest of the Canadian schools of library and information science in terms of full-time, equivalent enrolment in the master's and doctoral programs. Particularly impressive has been the growth of the school's cooperative (work/study) program, which provides employment opportunities for students. The school continues to receive support from Employment Canada for this program.

During this same period, Western's SLIS faculty led those in other Canadian schools in terms of research grants received. Funding was obtained from a wide variety of sources, including federal government agencies, the Ontario Ministry of Citizenship and Culture, and the Council of Library Resources (U.S.). These grants enabled SLIS faculty and students to investigate such problems as the design of interfaces for online public access library catalogs, ways of displaying concept relationships on a screen, the value of adding table of contents information to computer-based catalog records, the effectiveness of the provision of legal information in public libraries, and the factors affecting success in the library profession in Canada.



Faculty of Social Science

In the face of a difficult budget year, the Faculty of Social Science maintained and expanded its wide-ranging activities in teaching and research.

The faculty taught 24,000 undergraduate course registrants, and 330 graduate students, during the 1986-87 academic year. Among the notable achievements of members of the faculty during the year were the selection of the Centre for Cognitive Science, under the direction of Professor Zenon Pylyshyn, as a participant in the Ontario Centre of Excellence in Information Technology; the Goodman Lectures by Professor Emeritus J.R. Lander; the appointment of Professors M.P. Carroll (Sociology), M.A. Goodale (Psychology) and P. Rushton (Psychology) as Faculty Research Professors for 1987-88; and the appointment of D.G. Link as Director of the Social Science Computing Laboratory. Research expenditures in the faculty for the 1986-87 year totalled \$3,300,000.



ACADEMIC AFFAIRS

The School of Business Administration

The 1986-87 enrolment in the school's Pre-Business program provided close to 40 percent of the University's freshmen with an introductory business course. The school continued to attract capacity classes from across the country and overseas for both its undergraduate and MBA programs with applications increased by approximately 10 and 11 percent respectively. New initiatives are being pursued in the program curricula including more emphasis on globalization, business ethics, communication and implementation. There were 42 candidates enrolled in the school's PhD program of which seven graduated this year. The school's executive education courses attracted 448 participants from across Canada and overseas.

During 1986-87, the school began development of a new management program called the "Executive Marketing Program for Technology Based Business" to be offered in February 1988. This course will be aimed at experienced executives who are involved in developing market strategies for business units, major product lines or major markets.

The American Marketing Association announced that Assistant Professor Donald W. Barclay had received first prize in its prestigious Doctoral Dissertation competition with his study on "The Impact of the Organization Context on Conflict in Organizational Buying". Professor Barclay is the first Canadian to win the competition.

The second annual conference on "The Role of the Computer in Business Education" was held at the Business School in June with over 100 participants from across Canada and the U.S. in attendance. The conference was hosted by the School of Business Administration as part of a cooperative project agreement with IBM Canada Ltd. and focussed on the role of information technology in the teaching of business.

The 1987 annual undergraduate business conference had as its theme "Global Challenge '87: A Canadian Perspective on International Business". The program consisted of addresses to plenary sessions and a wide range of speakers at smaller coincident seminars. Plenary speakers were: Donald K. Johnson, President, Burns Fry Limited; F. Ian Wood, Task Force Director, Corporate-Higher Education Forum and Carl E. Beigie, Chief Economist, Dominion Securities Inc.

Graduate School of Journalism

The 1986-87 academic year ended with the decision to appoint Dr. Stuart Adam as the first occupant of the Graduate School's new Chair of Mass Media Studies. Dr. Adam at the time was coming to the end of 14 years as director of the School of Journalism at Carleton University in Ottawa.

The Centre for Mass Media Studies at Western was created in 1985 under an agreement between the University and Secretary of State in Ottawa. The endowment of the chair is based on a grant of \$500,000 by the federal government.

Dr. Adam was scheduled to arrive at the graduate school in August, 1987.

In the spring of 1987, the graduate school announced the appointment of Allan J. Chrisjohn as Director of its Program in Journalism for Native People (PJNP). Mr. Chrisjohn is the first director of PJNP drawn from Ontario's native community.

In 1987, after an intensive campaign aided by journalists, former PJNP students, various native associations and political allies, PJNP succeeded in obtaining annual funding of \$100,000 for three years from the federal Departments of Indian Affairs and Secretary of State in Ottawa. Additional funding of \$70,000 for 1987-88 was subsequently provided by the Ministry of Colleges and Universities at Queen's Park, the first time that the Ontario government had contributed to the program.

Also in the spring of 1987, the graduate school was granted more than \$90,000 by the Canadian International Development Agency (CIDA) to further its international work, including a conference on media and development to be held in Regina, London and Toronto later in the year. The graduate school continued to explore the possibilities of collaboration with the School of Journalism at the University of Nairobi, in Kenya. The Dean of the Graduate School of Journalism, Peter Desbarats, visited Nairobi in December, 1986, with the support of CIDA, and the Director of the Nairobi school, Dr. Joseph Mbindyo, is expected to visit Western before the end of 1987. Both schools hope to start a training and exchange program in 1988 if funds are made available.



STUDENT AFFAIRS

Student Services



The divisions of Student Services cooperated in hosting the 1987 Conference of the Canadian Association of College and University Student Services. About 350 professionals from across the country attended this conference, the theme of which was "Exploring Excellence: Involvement in Student Development". The content of the program as well as the facilities and hospitality received were highly rated by conference participants.

Student Health Services continued to experience a heavy demand for service in the Medical, Counselling and Athletic Injuries clinics. There were expanded, cooperative health promotion programs in residence, the Community Centre during Orientation Week, and at various locations throughout the year. A campus-wide AIDS education program was provided by Student Health Services prior to conference week in February.

In the Student Awards Office, a very thorough review of the Admission Scholarship Program was completed and submitted to Senate, where it was accepted. As well, the University adopted a new and impressive program of Entrance Scholarships, which includes a number of national President's Entrance Scholarships. These include five scholarships valued at \$20,000 (\$5,000 per year for four years) and 11 valued at \$14,000 (\$3,500 per year for four years). Candidates for the scholarships will be nominated by their secondary schools on the basis of excellent academic performance plus outstanding extracurricular activities.

The University Community Centre passed another milestone this year as it celebrated its 15th birthday. The building continues to be a hub of social activities on campus and a place for students to meet. A major new addition to the facilities in the building was the creation of a new Post Office franchise in conjunction with the Information Desk. This will allow us to provide a service that has existed for a number of years on campus, but in a visible, high-traffic area that will be convenient for all members of the University community.

Counselling and Career Development Services was very active in the development of a policy with regard to academic accommodations for disabled students, which was approved by Senate. This is another important step in the creation of an environment which will assist disabled students in overcoming the barriers created by their disabilities. In addition to the policy, Counselling & Career Development Services has assigned one of its staff members to the full-time role of Coordinator for Disabled Students, who is now available on a regular basis to help disabled students with the many questions and problems that they might from time to time encounter. The service also received a substantial grant from the Counselling Foundation of Canada to assist with the development of a paraprofessional training course.

STUDENT AFFAIRS

University Students' Council

The University Students' Council (USC) is a \$3 million non-profit organization with more than 250 volunteers and 30 full-time employees and provides many services for its student constituency.

The student newspaper, *The Gazette*, published by the USC continues to be noted for excellence in journalism, and in 1986-87 celebrated its 80th anniversary of service to the Western community. CHRW, the student-run radio station continues its campaign to raise its profile both on campus and across London.

In 1986-87, after an absence of 13 years, the Western yearbook, the *Occidentalia* was revived, and a long and proud tradition was reborn which, we hope, will continue for many years. The Students' Council also publishes a daily planner, the *Westernizer*, a calendar of activities, a city map, and a student directory.

The Spoke, the student-run pub in the basement of Somerville House, had one of its most successful years, and the addition of an outdoor patio in April '87 made the Spoke a popular establishment throughout the summer as well. The Used Book Store, the Copy Centre, the Typing Service, the Late Night Run, Unigraphics, the Central Box Office and the Student Centre for Public Issues are some of the many services offered to students on campus through the USC.

Concerts and student theatricals made a valuable contribution to the social and cultural life on campus and the Speakers Series had another successful year

highlighted by the controversial visit in April of Dr. Henry Kissinger. Though his appearance sparked many lively debates, the event was sold out and made for a great finale to the year's activities.

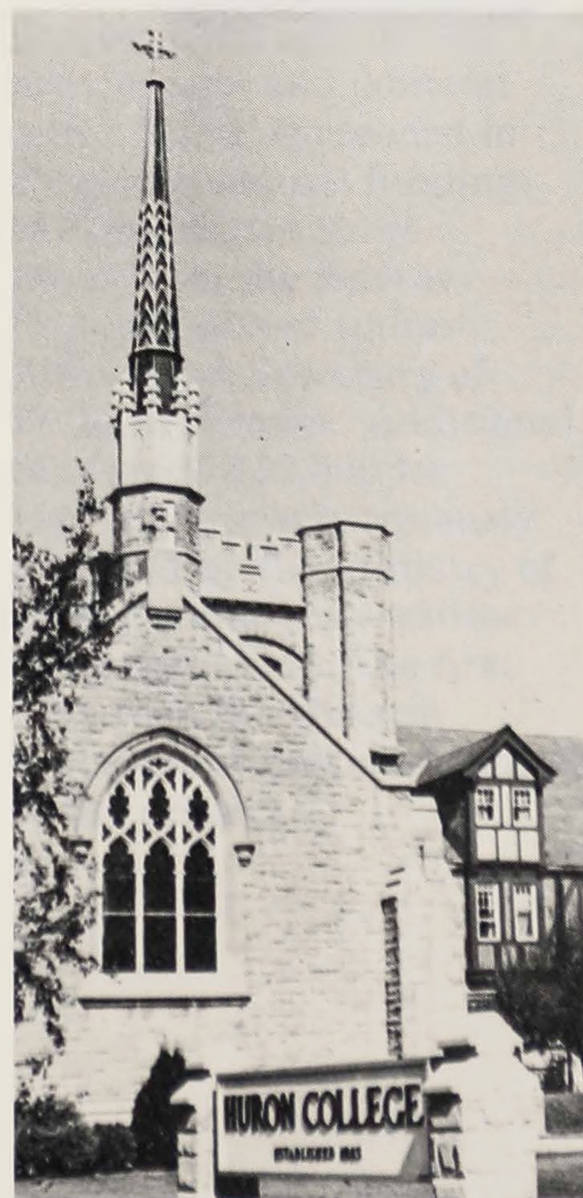
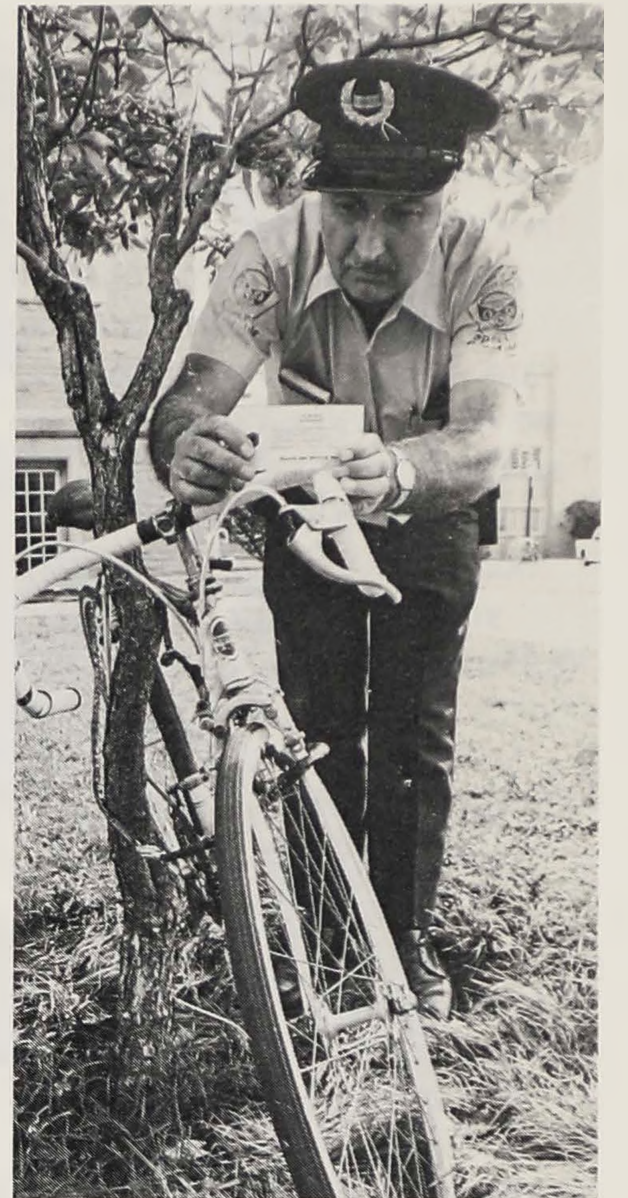
The Ombudsman's Office now has an Assistant to the Ombudsman and this enables many more students to avail themselves of the help of this office in dealing with the university administration, the provincial government and other agencies. The Ombudsman provides direct help for a wide variety of problems, and indirect help by way of referral to agencies or departments who can deal with specific problem areas.

In the area of charitable activities, Western students again led all other universities by raising more than \$63,000 for cystic fibrosis research in the annual Shinerama campaign during Orientation Week. The USC was involved in the successful United Way campaign as well as assisting in the charities run by the residences, clubs, fraternities, sororities, and other campus groups. The highlight of the year's charitable activities was the Third Annual Charity Ball which brought together members of the Western and London communities in

January, raising thousands of dollars for Hutton House (for disabled adults in London) and for the Multiple Organ Transplant Unit of University Hospital. A considerable amount of time was spent working on other aspects of student/city relations, with several programs intended to bring the university and the city closer together.

On the political front, the question of student housing occupied the resources of the student council, as a submission was made to the London City Council aimed at preventing the passage of a controversial by-law which would limit the number of unrelated persons living in a house, to four. Though the by-law was passed, a task force was created to examine the issues associated with student housing.

The 1987-88 University Students' Council administration, under President Allan Williams, will continue its mandate of responsible student government.



STUDENT AFFAIRS

University Athletics

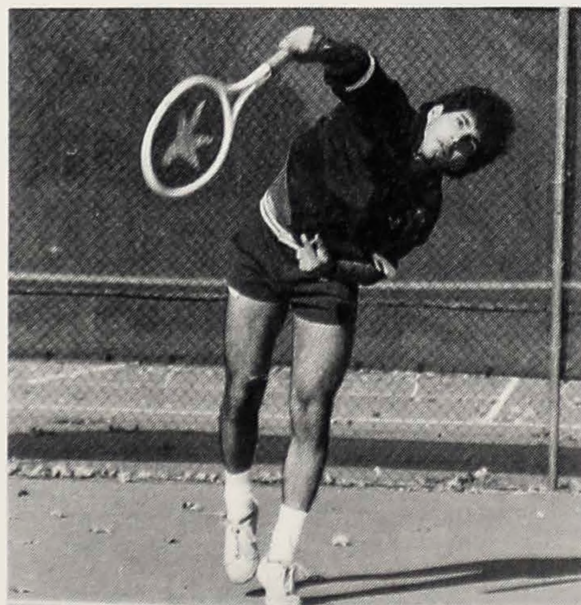
The issue of the high Performance Sport mandate endorsed by the 1983 annual general meeting of the Canadian Interuniversity Athletic Union (CIAU) continued to receive considerable discussion at the national level. The University of Western Ontario's position on the issues of travel equalization for CIAU competition and a policy statement dealing with CIAU involvement in high performance initiatives was supported by the membership of the CIAU at a special meeting convened in January, 1987. In the fall of 1986, the Ontario University Athletic Association (OUAA) Legislative Council amended its playing regulations to allow female students the opportunity to try out for positions on all OUAA teams. This policy change, in response to proposed changes in the Ontario Human Rights Code, makes it possible for full-time female students to participate in OUAA competition. Males are not eligible to participate in the Ontario Womens' Intercollegiate Athletic Association (OWIAA).

The present state of the economy has forced Canadian universities and the various athletic conferences to review their present program offerings. Continued financial cutbacks are likely to impact upon the number of intercollegiate sports that will be offered at Canadian universities.

Competitive opportunities in interuniversity athletics were offered in 40 sports - 19 sports for women involving 231 student athletes and 21 sports for men involving 453 student-athletes.

Western continued to maintain its high standard of competitive excellence by showing well at the national level and capturing 11 provincial championships. Of the 40 men's and women's sports offered at The University of Western Ontario, 27 activities, or 68 percent finished in either first, second or third place in OUAA and OWIAA competitions.

Nationally, football (second), women's track and field (second), women's cross-country (third), men's basketball (fifth) and men's track and field (sixth) had strong performances in national championship play. Western earned OWIAA championships in fencing, rowing, soccer and tennis. OUAA championships were claimed in curling, football, rowing, alpine skiing, squash and tennis. May Alizadeh (cross-country, track and field) was named the recipient of the F.W. Jones Trophy as the Female Athlete of the year. Blake Marshall (football) received the Dr. Claude Brown Trophy as Male Athlete of the year, and Chris Cavender (basketball) received the C. Howard Ferguson award.



THE LIBRARIES

The Libraries

Since the early 1980s the Libraries have concentrated on developing a machine-readable data base of records for the materials in the collections. In May 1987 the efforts of previous years culminated in the passing of a significant milestone: the one-millionth record was added to the data base. These one million records, which can be searched via close to ten million individual index entries, provide information on about 1.8 million items within the collections. The size and inclusiveness of this data base make the online public catalogue a truly impressive instrument for promoting effective library use.

Operation of the online integrated systems reached a plateau. After many years of steady growth, a limiting point was finally reached. When it became apparent that the current computer configuration was operating at essentially full capacity, it became necessary to declare a moratorium on the addition of new terminals and system components. Much time was spent on fine tuning the systems, in order to derive maximum productivity. However, there is no question of stopping at this point: the collections, the data bases and the service demands continue to grow. As a result, planning has begun for the next stage of development within the computer installation.

In a similar manner, past plans for the maximization of existing space reached fruition with the installation of mechanical compact storage shelving in the Research Depository Library. This will relieve to a large extent the congestion on the shelves of some of the libraries in the University Library System. However,

there has been a longstanding recognition of the need for new library space. As a result, the inclusion of space for the Sciences Library in the announcement of a proposed major addition to the Natural Sciences Centre was particularly welcome. Preliminary planning on this major addition to the Sciences Library has begun.

On-going developments in computerized information handling and storage technology continued to draw major planning interest. In particular, the Libraries have been intrigued by the apparent potential of compact disks as large-scale storage devices for personal computers. A number of vendors of online data base services have begun repackaging their product as Compact Disc — "Read Only" Memory (CD-ROM) data bases. This may result in cheaper bibliographical data base services, more easily accessible to the majority of library users. As a

beginning step, the Sciences Library has begun experimenting with a CD-ROM data base of medical literature. It is expected that other CD-ROM data base services will follow.

Finally, the Library administration notes with pride the growing outside involvement of its staff. One member of the cataloguing department is now in the second year of service as the Canadian Library Association representative on the National Library's Canadian Committee on Machine-Readable Cataloguing (MARC). Two department heads spent much of the summer of 1987 working for the GEAC company of Markham, Ontario (a Canadian manufacturer of computer hardware and software) on the review of software specifications for a new, state-of-the-art Information Utility system. Another department head, after extensive involvement in the North American Collections Inventory Project (a project to develop a data base "mapping" the scope, depth, and quality of the major research collections in North America) spent two weeks in Paris, at the invitation of the French government, as one of four French-language trainers involved in the direct transfer of the project methodology to France. All of these projects required very high levels of technical expertise. The invited participation of these four staff members is an outside acknowledgement of some of the many staff skills within the UWO Library System.

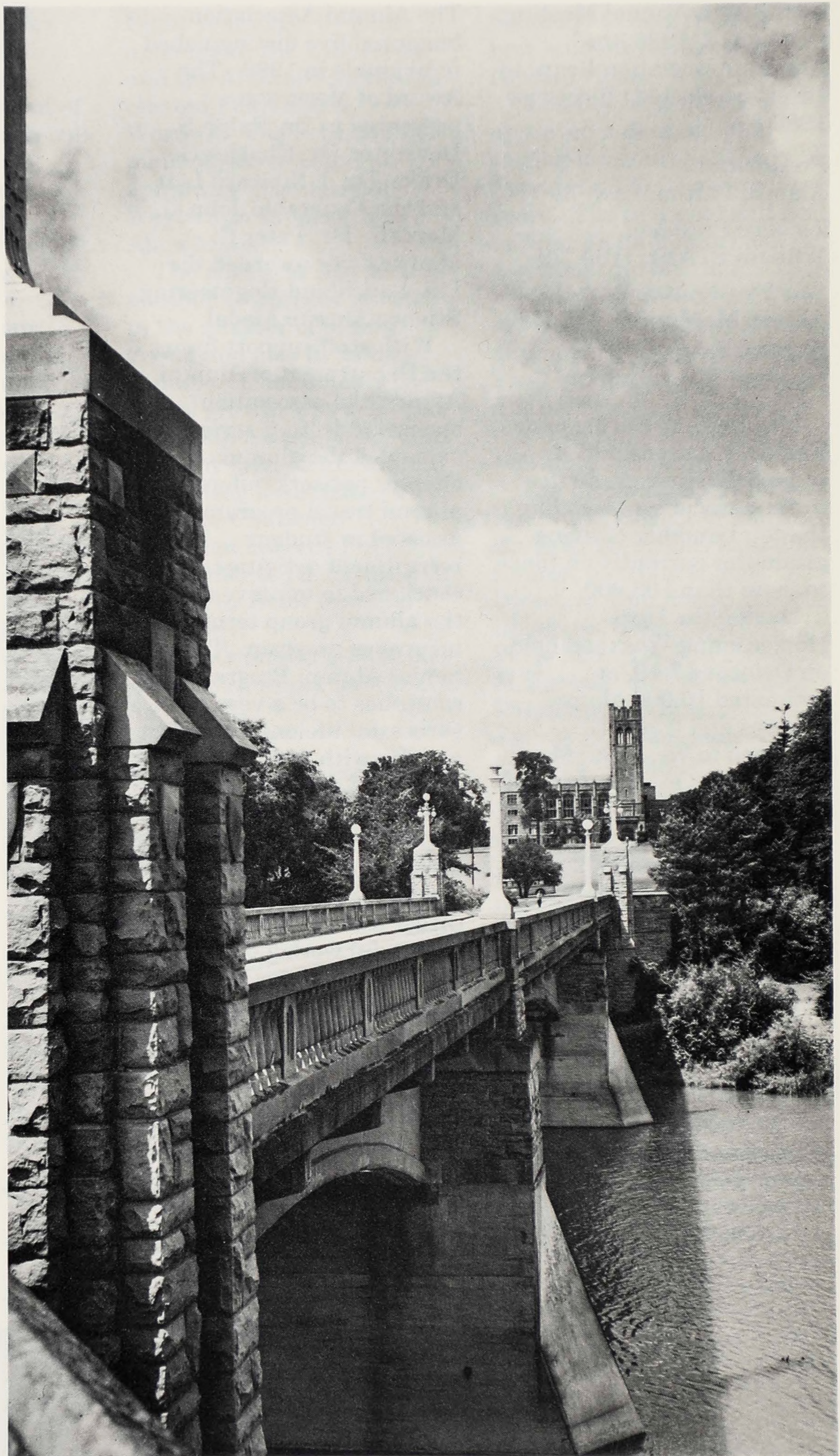


AFFILIATED COLLEGES

The University continues its close and invigorating relationship with the three affiliated colleges — Brescia, Huron, and King's — and with neighboring Westminster College. In addition, the University also has an affiliation with the faculties of theology of Huron College and St. Peter's Seminary through King's College. These offer programs leading to the Master of Divinity degree.

The 1986-87 undergraduate enrolment in the three affiliated colleges was:

	Full-Time Students	Part-Time Students
Brescia	588	65
Huron	618	27
King's	1,388	266



ALUMNI

At the 77th Annual Meeting, October 18, 1986, the Alumni Association Board of Directors elected officers for 1986-87.

President:

Alan R. Patton, Law '78

1st Vice-President:

William E. Aziz, HBA '79

2nd Vice-President:

Allison M. Munroe, MEd '80

3rd Vice-President:

Gary W. Weese, SS '78

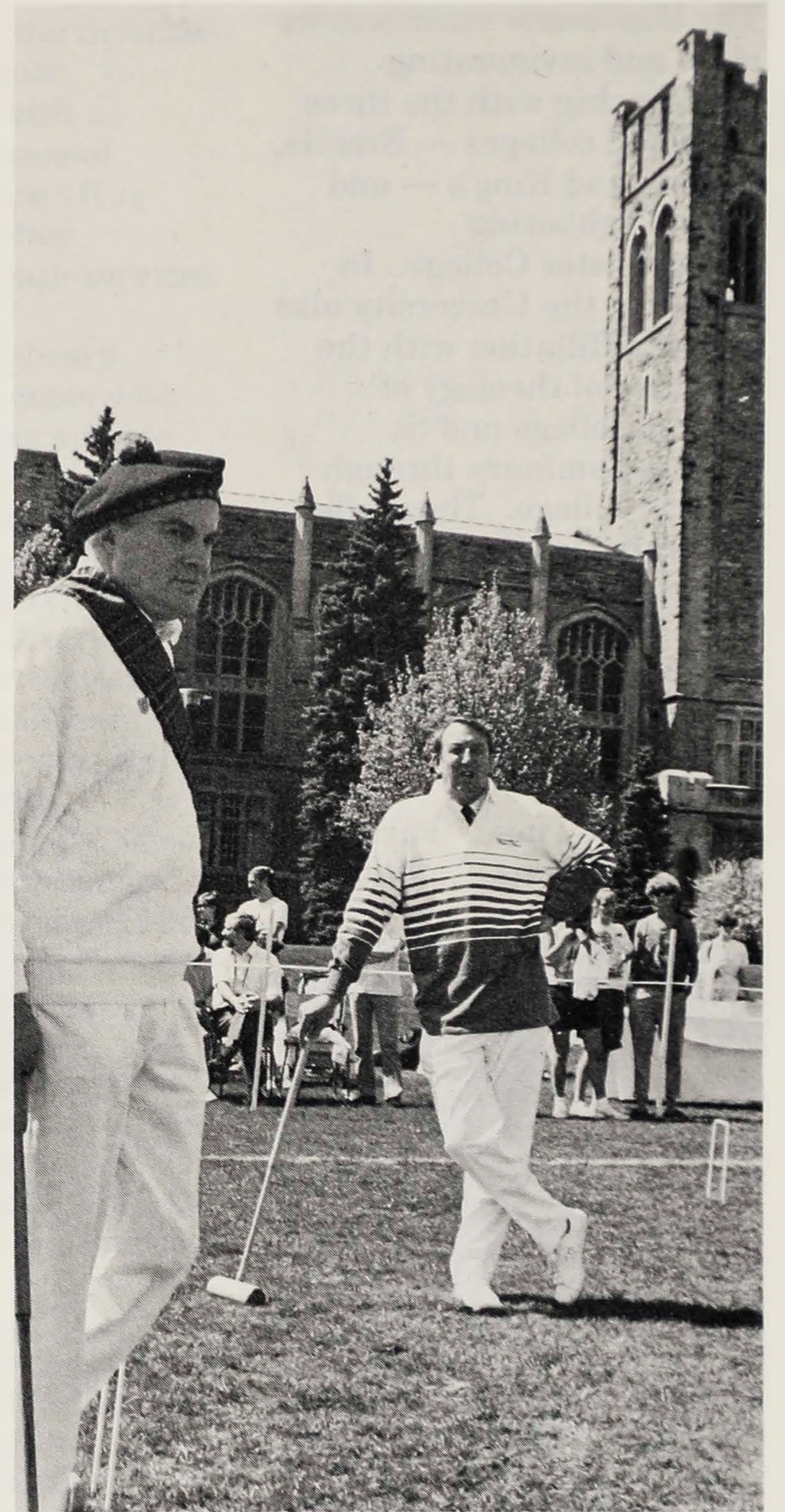
The 1986-87 Spring and Fall convocations added some 6,026 new graduates to the association, bringing the total number of living graduates currently on file to more than 106,000.

During the 1986 Homecoming Weekend held on October 17-19, an estimated 10,000 alumni, spouses and friends returned to Western. Most participants attended one of the approximately 100 class reunions for the years ending in ones and sixes. A highlight for many was the official opening of Alumni House, the new student residence, the morning of October 18th.

The Alumni Association honoured five distinguished individuals in 1986. The Award of Merit was presented to Dr. Ralph S. Devereux, Dr. Charles G. Drake, Dr. J. Steward Lott and the Venerable John G. Morden. Mr. Peter C. Maurice was awarded the L.S. Lauchland Engineering Science Alumni Medal.

With staff support from the Department of Alumni Affairs, the association sponsored lecture series, expanded the alumni chapter network, offered alumni travel programs, assisted in student recruitment activities, and continued to improve upon the alumni group term insurance program. The Senior Alumni Program continues to be a very successful lifelong education activity with 450 members active in London and an additional 70 in Toronto.

A new venture for the association launched in 1986-87 was in the area of career assistance. Two successful workshops were held called "Make It Happen". In addition a career networking program called Career Connections was initiated and it is available to both current students and alumni.



UNIVERSITY DEVELOPMENT

The Renaissance Campaign

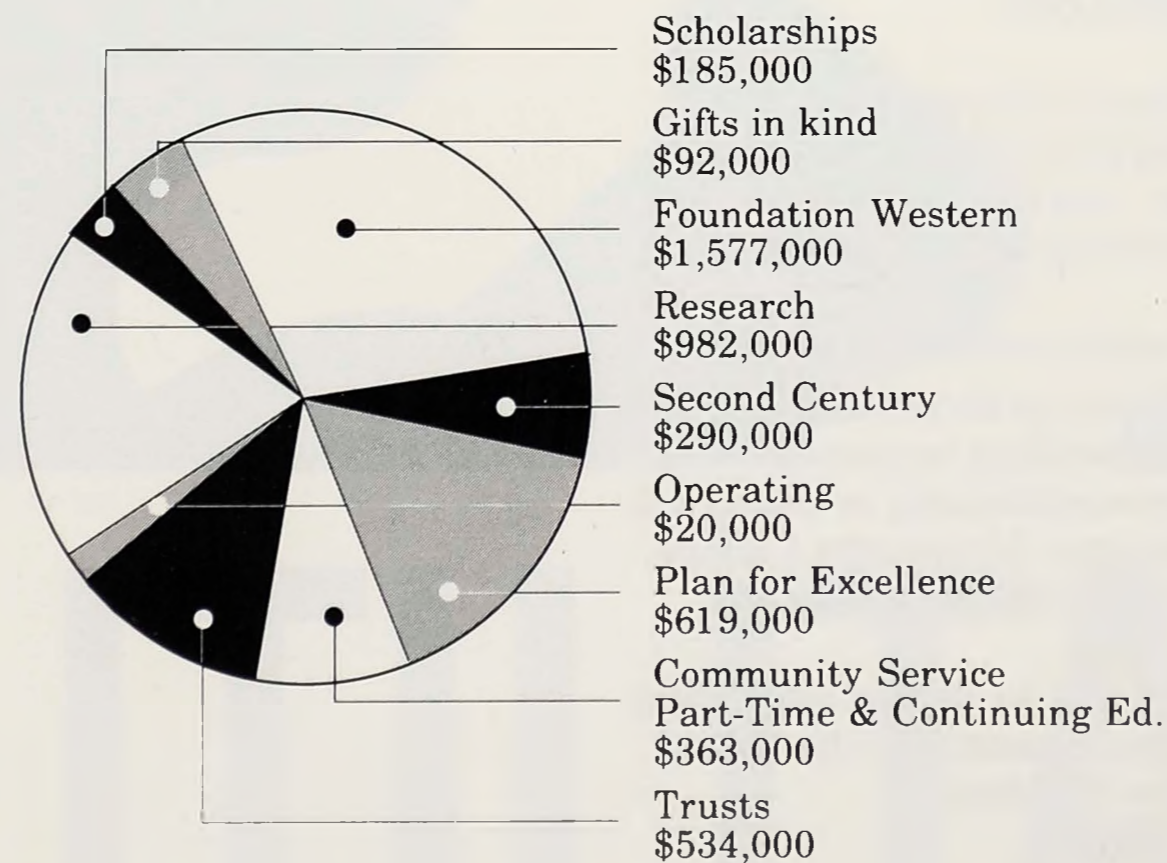
The University of Western Ontario is anticipating the announcement of a new \$65 million fundraising campaign within the coming year. The Renaissance Campaign will address capital needs, faculty development and other concerns.

Although the University takes pride in its ability to manage an extensive physical plant, as well as maintaining the academic excellence that has been developed by gifted, dedicated individuals, some space concerns will now be addressed. Extensions to the Faculty of Law's Library and Thames Hall are planned, but the flagship of this new fleet will be the Western Science Centre. It will be the first major addition to the existing academic buildings on our campus since 1972. The Western Science Centre will serve as a computing and communications facility, will accommodate academic instruction and research, and serve as an administrative nerve centre.

In addition to this "bricks and mortar" component, funds are required to enhance the development of faculty initiatives which will keep The University of Western Ontario on the cutting edge of today's rapidly changing technology. Monies are also being sought for student aid, library acquisitions, our affiliated colleges (Huron, King's and Brescia), and improved access routes to the various buildings on campus for handicapped people.

Charitable Contributions for 1986-87

The chart below shows gifts that have been received for which official receipts were issued in the fiscal year ended April 30, 1987.



Note:
Numerous gifts, grants or miscellaneous donations are not eligible for official receipts.

Foundation Western

Eight years ago, by joint agreement, the University and the Alumni Association created Foundation Western. The Foundation's main objective is to encourage graduates of Western to support their Alma Mater.

The past year has seen another 40 percent growth in the number of alumni giving and also in dollars donated. Undoubtedly the record growth was achieved as a result of telephone calls made by students to alumni requesting assistance. This "Alumni Challenge" campaign launched in September of 1985 raised \$4 million by fiscal year end May 1987.

Grants totalling \$330,000 were given in the past year for ...

- scholarships and bursaries
- library books
- arts, science and medical research
- visiting lectures
- athletics, etc.

In addition, the Foundation loaned the University a further

\$600,000 to help finance the new student residence, Alumni House.

The Board of Directors approved a detailed plan setting the course of the Foundation for the next five years. The new goal will be to raise \$9 million in cash donations during this period. This will create more than \$7 million of new and important endowments. The Foundation will be a full participating partner in the University's upcoming capital campaign.

The incoming Foundation Board will consist of Marion Darling, President, Brandon Conron, Secretary, and Directors Tom Brent, Ralph Devereux, John Girvin, Peter Maurice, Patricia McFarlane, Bill McKenzie, Ralph Simmons, Jack Wettlaufer, and Douglas Weldon.

The new Executive Director will be James Bristow replacing Bill Hawke who after eight years is stepping down to become Western's Bequest Officer and also Captain of the new Alumni Travel Club.

County Council grants (\$124,000) have been included, since the monies received from the County Councils have been designated to Scholarships, Awards and Bursaries.

ADMINISTRATION

University Buildings

The steady drone of heavy machinery, heard on the campus throughout the year, came to a halt in the Fall of 1986 with the completion of the Alumni House student residence and the National Centre for Management Research and Development (NCMRD) adjacent to the Business School. Each of these projects was completed in time to accommodate the start of the year. New space in the lower level of the NCMRD for Counselling and Career Development was completed in October 1986.

Western was the recipient of a \$16.7 million grant from the province toward the estimated total cost of \$25.4 million for construction of the new Western Science Centre. This new 120,000 gross square foot building will be located north of the Natural Sciences Centre and is scheduled to be completed in 1991.

In December 1986, Western was awarded a one-time renovations and maintenance grant from the Ministry in the amount of \$752,400. This funding was used to undertake a number of restorative projects that helped to reduce the backlog of work orders.

A capital projects plan was implemented to renovate and upgrade buildings at an estimated total cost of \$3.7 million. Some of the projects included in this plan are as follows:

- replace the stage lighting control system in the Talbot College Theatre (\$140,000)
- alterations to the former Food Services area in Talbot College to provide offices and workshop areas for the McIntosh Gallery (\$95,000)
- install card access control for animal housing areas (\$200,000)
- upgrade the ventilation in the Medical Sciences Building animal quarters (\$400,000)
- Phase I of a new fire alarm system to serve the Natural Sciences, Biology & Geology, and Chemistry buildings (\$150,000)
- asbestos removal work associated with the renovation program (\$215,000)
- Phase I of a program to improve exterior signage for roads, buildings, and parking areas (\$100,000)

Further projects include:

- studies to determine the cost of providing improved air conditioning in Biology & Geology, University College, and Middlesex College
- a study to define upgrading requirements for the Visual Arts building

University Lands

The University holds title to 408 hectares (1,008 acres), of which 53.34 hectares (131.8 acres) are leased to neighboring institutions such as the Agricultural Research Institute. The core campus occupies 153.7 hectares (379 acres). Major outlying properties are: Gibbons Lodge, 50.59 hectares (125 acres); the former Smallman property, 18.2 hectares (45 acres); the Observatory (Biddulph Township), 121.4 hectares (300 acres); and the Radio-Physics Observatory (Delaware Township), 51.8 hectares (128 acres).





UTILITAS

PERSONNEL

Retirements:

July 1, 1986 - June 30, 1987

Name	Department	Years of Service	Name	Department	Years of Service
Faculty			Staff		
PROF. A.K. HEATT	English	18	MRS. G.L. CHAMPNESS	Libraries	12
Dr. R.E. GREENWAY	Otolaryngology	15	MRS. M. MACLEAN	Medicine	25
Prof. V.F. BOW	Physics	19	MR. D. HENDERSON	Alumni Affairs	36
Prof. C.W. GOWDEY	Pharmacology/Toxicology	37	MR. J. MCARTHUR	Housing	12
Dr. H.G. BUNSTON	Operative Dentistry	16	MISS A. CHALLENGER	Senate, Board of Governors	32
Dr. J. SHERIN	Family Medicine	12	MRS. G. RUDZITIS	Physical Plant	22
Prof. I.I. INCULET	Engineering Science	22	MRS. S. KASPRZAK	Physical Plant	21
Prof. J.H. BLACKWELL	Applied Mathematics	37	MR. M.F. WOODS	Physical Plant	21
Prof. J. ROZANIS	Microbiology/Immunology	19	MRS. H.E. PREVETT	Music	19
Prof. V. JURJANS	Psychiatry	16	MR. A. BULLIONE	Physical Plant	21
Prof. D.E. ZARFAS	Psychiatry	10	MR. W.T. FAGAN	Physical Plant	27
Prof. J.W. DAVIS	Philosophy	29	MRS. L. ZUPANCIC	Physical Plant	23
Prof. F.M. BARNARD	Political Science	16	MR. G. HARRIS	Physical Plant	18
Dr. C.E. DRAKE	Surgery	17	MRS. M. USATY	Senate, Board of Governors	13
PROF. G.S. EMMERSON	Engineering Science	24	MISS S. TOMONAGA	Book Store	39
Prof. P.C. FITZ-JAMES	Microbiology/Immunology	30	MRS. J. SUTHERLAND	Telecommunications	24
Dr. N.T. JACO	Paediatrics	19	MR. A. WILSON	Administrative Systems	12
Prof. R.G. PRODRICK	S.L.I.S.	17	MRS. L.J. NICHOLS	Libraries	16
Prof. J. PURKO	Zoology	21	MR. J. STRAUTS	Physical Plant	14
Prof. H.B. STEWART	Graduate Studies	30	MR. R. DAVIS	Psychology	20
Prof. Z. YOUSSEF	French	15	MR. P. JOHNSON	Chemistry	35
Dr. R.D. CAPE	Medicine	11	MR. M. DJUKIC	Physical Plant	8
Prof. J.E. CASSELMAN	Psychiatry	6	MRS. R.I. HILL	Biochemistry	12
Prof. G. VON KUSTER	Music	30	MR L. GYOROK	Geology	21
Dr. A.J. MCKINNA	Ophthalmology	14	MRS. B. WAUGH	Graphics	34
Prof. J.C. BRAND	Chemistry	17	MRS. J. LANCI	Physical Plant	20
Dr. W.H. FEASBY	Paediatric Dentistry	19	MRS. M. LORENOWICZ	Food Services	6
Prof. K.H. BURLEY	Economics	20	MR. A.K. KOBAL	Physical Plant	38
Prof. J.W. MILLER	Education	23	MRS. M. BROADHEAD	Alumni Affairs	20
Prof. W. BULANI	Engineering Science	27	MISS J.B. BURR	Thompson Arena	35
Prof. R.C. LANGMAN	Education	22	MRS. E. CALCOTT	Book Store	12
Staff			MRS. E. VON DEHN	Plant Science	18
Mrs. J.D. DAVIES	Physical Plant	12	MR. C.G. PATTON	Personnel	20
Mrs. A.B. MURRAY	Libraries	16	MISS M. BETTELHEIM	Libraries	19
MRS. A. KOBAL	Food Services	23	MISS J.O. COLLINS	Libraries	18
MRS. N. HANCK	Business Administration	17	MRS. V.P. MACLEOD	Libraries	22
MR. C.L. TATE	Physical Plant	20	MRS. P. OVERHOLT	U.C.C.	20
MR. L. MASLEN	Co-ordinated Shops	24	MRS. V.E. JORDAN	Biophysics	19
MRS. C.E. FREEBORN	Business Administration	10	MR. M. FELTRIN	Physical Plant	15
MR. L.R. FINSTEN	Physical Plant	16	MR. J. MCCALLUM	Physical Plant	17
MR. W. SHERERLUK	Physical Plant	21	MISS H. WILSON	Arts - Dean's Office	22
MR. A. BURAGINA	Physical Plant	6	Deceased:		
MR. A. KISTNER	Physical Plant	37	1 July 1986 - 30 June 1987		
MR. C.F. DILKES	Physical Plant	40	MRS. M. MCLURG	Libraries	17
MR. T. ROSSER	Residences	8	MR. C. LEVERETTE	Libraries	22
MRS. E. PARASKEVAS	Food Services	15	MR. R. MACDOUGALL	Housing	9
MR. P. TONELLATO	Libraries	8	MR. C. FINIGAN	Chemistry	18
MRS. J.V. ANDREWS	Food Services	12	MR. R.F. ARBUCKLE	Physical Plant	18
MRS. R. MARKOWSKI	Libraries	15	MR. G. IRELAND	Physical Plant	13
MRS. E. KIRSCH	Language Laboratory	18			
MR. C. HEDDINGTON	Education	19			
MRS. J. COLLEY	Orthodontic Dentistry	11			
MR. B. TORNABUONO	Physical Plant	16			
MR. J. WILSON	Conference Co-ordinator	12			
MRS. R. GREEN	Microbiology/Immunology	20			