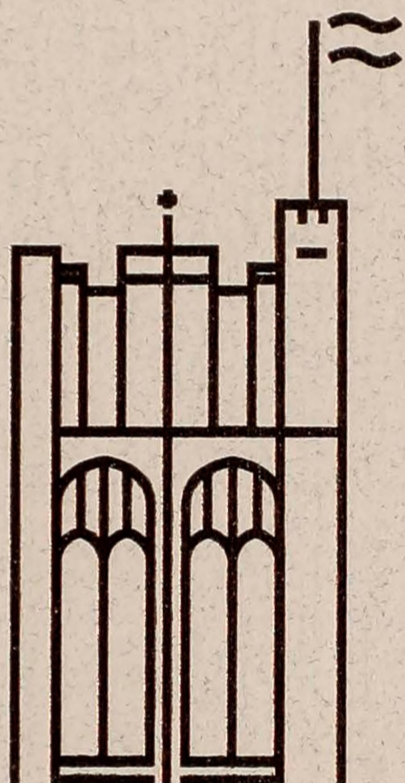




The UNIVERSITY of
WESTERN ONTARIO



R E P O R T O F T H E P R E S I D E N T

1988-1989

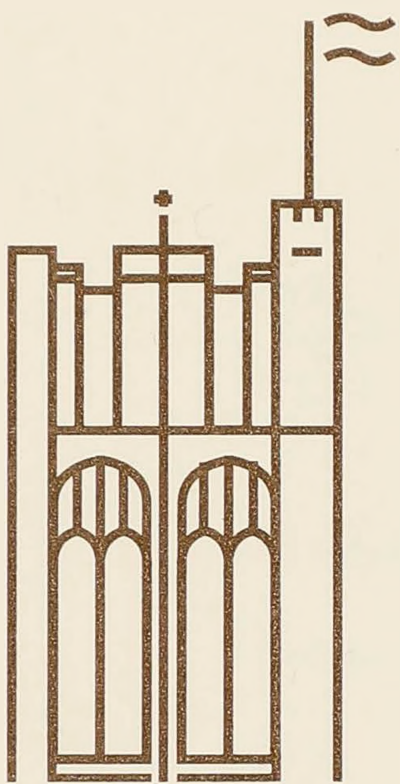


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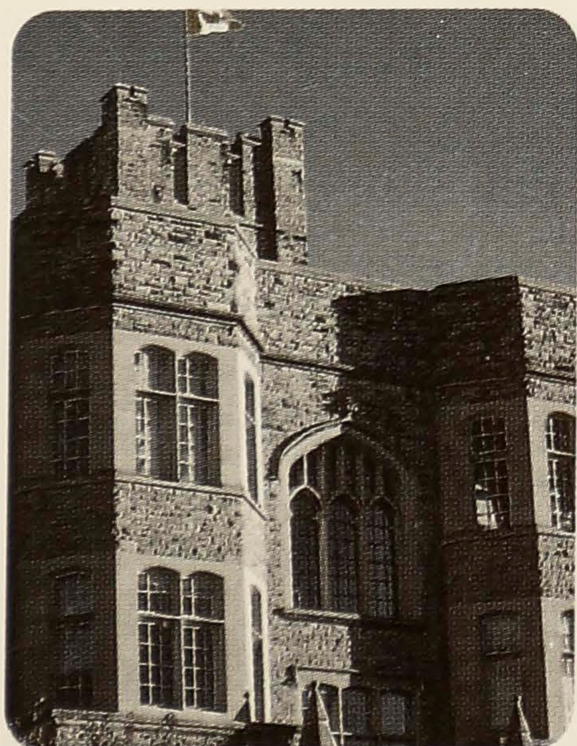
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The Year In Review

President's Message

It gives me great pleasure to note that the spring of 1989

heralded the beginning of a new era for The University of Western Ontario. The Renaissance Campaign was launched on April 3, 1989. With a five-year, \$89-million objective, the Renaissance Campaign is the largest fund-raising campaign in the University's 111-year history. It will provide Western with a much-needed boost in capital to pursue a number of long-awaited projects ranging from the new Western Science Centre and Visual Arts Building, to additional facilities and enrichment programs for a number of faculties. Spearheading the campaign are two distinguished Canadian businessmen, John M. Thompson, President and CEO of IBM, and David B. Weldon, Chairman of Midland Doherty Financial Corporation. The co-chairmen both have firmly-established roots in the Western community. John Thompson graduated from Western in 1966 with a degree in Engineering Science, and David Weldon, also a graduate, served as UWO Chancellor from 1984 to 1988. The University is especially honored by the Weldon family's continued commitment to Western, a commitment that has spanned several generations.

A fund-raising campaign of this magnitude is an energizing and demanding experience, and

as President, I look forward to meeting the challenge to this office which is provided by the Renaissance Campaign. I'm sure the next several months and years will net some marvellous gains for the University. I was especially heartened by early results which showed that just one month after the campaign's launch, more than half of its \$89-million goal had been reached. Western's faculty and staff raised more than one million of this amount and I am proud to head an institution where faculty and staff have proven how strongly they believe in the future of this University. It is with that commitment in mind that I am grateful to the Board of Governors that I have been given the opportunity to serve this great institution for another term of four years as President and Vice-Chancellor.

In tandem with the strong commitment made by faculty and staff at Western to the campaign, it is with confidence that I am able to present to our external community a substantive portfolio listing the outstanding faculty and research that continues to put Western in a leadership role in innovative research and interdisciplinary studies.

There are so many excellent academics at Western doing such exemplary research that I find it difficult to restrain myself to just



*K. George
Pedersen*

a few names. But it's important to acknowledge the work of scientists like Dr. William Fyfe, an internationally renowned scholar sought for his expertise on the global environment, who this year became a Companion of the Order of Canada. He also received the Arthur Holmes Medal of the European Union of Geosciences. Under his tenure as Dean of the Faculty of Science funding in the faculty has risen from \$7.7 million in 1986 to \$8.8 million in 1988.

In Engineering Sciences, the E.W.R. Steacie Memorial Fellowship, the highest award for science and engineering achievement, was awarded to Dr. R.K. Rowe of Western's Civil Engineering department.

Not to be outdone, the Faculty of Arts was awarded two Guggenheim Fellowships, the most prestigious award given to academics working in the humanities. The Polanyi Prize for Literature, established by the province two years ago to honor Nobel laureate John Polanyi, has gone each year to a member of the University's English department, Prof. Patrick Deane in 1988, and Prof. Lisa Zeitz in 1989. Another Polanyi prize winner in 1989 was Dr. Monica Caverson, from Western's Department of Anatomy, who was awarded the Polanyi prize in Physiology and Medicine.

The faculty plaudits continue unabated. In terms of research revenue, the University experienced an increase in terms of constant dollars (up 8.7 percent) and current dollars from

government funding (up 11.2 percent federally and 28.6 percent provincially). Also on the research front, Dr. Glen Caldwell, an eminently qualified geologist from the University of Saskatchewan, became Western's first Vice-President (Research). The new position serves to emphasize Western's commitment to funding innovative research that could lead to expanded funding on both the national and international levels at the University.

Another new appointment on the 1988-89 Western scene was that of Marjorie E. Millar as Vice-President (External). With a strong background in university development, Mrs. Millar will direct the many facets of Western's Renaissance Campaign. Other new appointments include Dr. H.K. Fisher as Dean of the Faculty of Education and Dr. Peter P. Mercer as Dean of the Faculty of Law.

In other business, the Board of Governors approved a \$208-million operating budget for the 1989-90 year, representing a 6.4 percent increase over the previous year.

Board members also approved the \$3.2-million Capital Plan for 1989-90, which outlines major building projects as well as a number of expansions and improvements to existing facilities. Approved and scheduled for completion in the next few years are four major construction projects: The Western Science Centre, the Science Centre Library, the

Applied Health Sciences addition and a new student apartment complex designed to house 300 students. Also endorsed by the Board was the establishment of a Research and Development Park, designated as a property-based venture with a formal operating relationship with the University.

Following a lengthy review and thoughtful discussion surrounding the serious funding shortage presently experienced by Western and her sister universities, the Board, under the leadership of its Chairman, Earl Orser, undertook to address the situation by advocating a move toward the deregulation of tuition fees at Ontario universities. In support of fee



autonomy, the Board endorsed the principles set out in "Ontario Universities: A Blueprint for Action" prepared by Queen's University. The plan outlines ventures under which a collective effort from universities, government, students and the private sector will be needed in order to address adequately and to improve the funding of the province's universities.

From an academic viewpoint, Professor Tom Collins, the University's Provost and Vice-President Academic, continues work on the Quality Academic and Administrative Adjustment Fund (QUAAAF) initiative he introduced last year. The process of identifying areas of distinction and priority at Western which will benefit from an initial \$2-million allocation is now underway.

And from an administrative viewpoint, Glenn Harris, Vice-President, Administration, introduced a position paper entitled "Making a Difference". The paper went to the Board in the fall of 1988 and outlines the importance of complementing the institutional objectives of the University with the personal and professional needs of individual employees at Western.

Both the QUAAAF and "Making a Difference" initiatives were well received by Board members and the University community.

The University continues to uphold its commitment to employment equity and the Board this year approved the Employment Equity Program, which is a direct response to Western's commitments through the Federal Contractors Program.

On the international scene, with respect to the investment policy in South Africa, Western's Board approved the recommendation of the Campus

Affairs Committee to follow the policy directions of the federal government. In addition, the Board agreed the University would look into a form of constructive involvement in South Africa that would further the objective of a more educated black population in that country. Recommendations are expected from Senate in the fall of 1989.

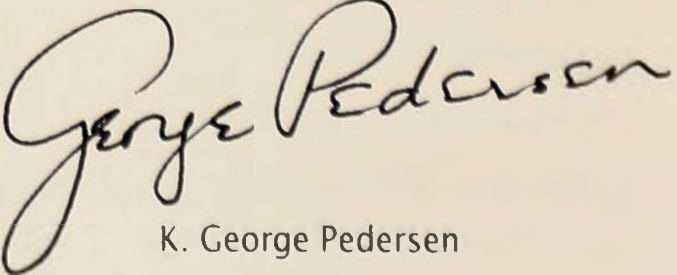
Every year, in preparing my annual statement for the President's Report, it is with pleasure that I look to the part involving student activity. I note once again, with unabashed pride, that the students at Western are marvellous. The commitment they make both to this institution and the community at large continues to be impressive.

A student referendum prior to the launch of the Renaissance Campaign to determine whether Western students would support a \$10-million commitment to the campaign met with overwhelming approval. The net gain to the students will be a two-floor, 75,000 square-foot addition to the University Community Centre which will allow for expanded recreational and other facilities. Not only did the students meet their goal, they surpassed it by two million dollars.

The charitable contributions to London and the region continues. In the annual Shinerama event, students raised more than \$70,000 for the Canadian Cystic Fibrosis Foundation. The 5th Annual Charity Ball netted \$40,000 in proceeds, the bulk of which went to services for disabled students and three London group homes.

The 17th annual Winter Special Games for mentally handicapped children held on campus every February continues to receive wide-spread student participation and support, and the number of food drives and United Way contributions made by the students continues to rise.

In concluding this year in review, let me once again reaffirm my deep appreciation for the efforts of the employees and students at Western, who through their commitment to the Renaissance Campaign and on-going academic pursuits continue to uphold the heritage of this fine university.



K. George Pedersen



Governance

Board of Governors

During 1988-89, the Board of Governors continued under the leadership of Chairman Earl H. Orser and Vice-Chairman John S. Brant. The 31 ex officio, elected and appointed members of the Board of Governors as of June 30, 1989, are listed in Figure 1.

The Board made several senior academic and administrative appointments during the year. President K.G. Pedersen accepted a four-year reappointment to June 30, 1994. Also reappointed were Dean R.I. Brooke, Faculty of Dentistry, and Dean A.W. Taylor, Faculty of Physical Education. New appointments included: Dr. W.G.E. Caldwell as Vice-President (Research); M.E. Millar as Vice-President (External); Dr. H.K. Fisher as Dean of the Faculty of Education; and Dr. P.P. Mercer as Dean of the Faculty of Law.

As financial custodian of the University, the Board approved the 1989-90 operating budget, totalling \$208 million, representing a 6.4 percent increase over the previous year. The operating budget sustains the basic academic, academic support, and administrative activities of the University.

The \$89-million Renaissance Campaign, under the joint chairmanship of Mr. John M. Thompson, Chairman and CEO of IBM Canada Limited, and Mr. David B. Weldon, Chairman of Midland

Doherty Financial Corporation and former UWO Chancellor, was launched in April 1989. Many present and past members of the Board are actively involved in this important initiative, both as individuals and as representatives of the corporate, institutional and government sectors. By June 1989, contributions to the Renaissance Campaign had reached more than half of the overall objective.

During the past year, the Board focussed on capital improvements and expansion to accommodate increased enrolment and a heightened level of research activity. The \$3.2-million Capital Plan for 1989-90, supported by funds from the Ministry of Colleges and Universities, includes programs for the renovation, alteration and upgrading of a number of physical facilities across the campus. As well, planning for the following new facilities proceeded on schedule:

Western Science Centre: Sciences Building, scheduled for completion in April 1991 and Sciences Library, to be completed in August 1991; Applied Health Sciences Addition, construction to be completed in April 1991; student apartment complex to house 300 students, to be completed by August 1990.

Diminishing government operating grants, coupled with pressure to increase enrolment, has resulted in extreme financial stress on all areas of the University. Uncertainty about future funding and enrolment levels made coherent long-range planning extremely difficult and

challenging. Recognizing that the provincial treasury has limits in its ability to provide increased grant funding, the Board sought new and expanded sources of funding to assure quality education at Western. Tuition fees were seen as a significant avenue for meaningful revenue gain; the Board, through the leadership of its Chairman and the active involvement of other Board Chairmen in the province, advocated a move toward the deregulation of tuition fees at Ontario universities.

As a first step toward fee autonomy, the Board endorsed the principles set out in "Ontario's Universities: A Blueprint for Action" prepared by Queen's University. This plan involves a joint partnership and commitment from universities, government, students, and the private sector to improve funding to Ontario's universities.

Special initiatives in the University's academic and administrative areas were led by the Provost and the Vice-President Administration. Academically, the Quality Academic and Administrative Adjustment Fund (QUAAAF) was established, and the University's faculties, research centres, and academic support units proceeded with the identification of areas of distinction and priority for investment of QUAAAF funds, beginning in the 1990-91 budget year. In September 1988, the Board received a paper prepared by the Vice-President Administration, entitled "Making a Difference". The paper emphasizes

Board of Governors

EX OFFICIO

K.G. Pedersen
(President)

T. Gosnell
(Mayor, City of London)

C.P. Corbett
(Warden, Middlesex County)

G.L. Reuber
(Chancellor)

J.K. Van Fleet
(Secretary of the
Board - non-voting)

APPOINTED BY THE COUNCIL, CITY OF LONDON

E.H. Orser
(Chairman)

D.J. Young

APPOINTED BY LIEUTENANT GOVERNOR IN COUNCIL

W.E. Davies

J.R. Finlay

R.B. Peterson

C.M.V. Pensa

ELECTED BY THE ALUMNI ASSOCIATION

G.L. Corneil

J.R. Cowan

E. Good

R.G. Simmons

ELECTED BY THE SENATE

R.W. Butler

F.B.W. Harper

ELECTED BY THE FACULTY

R.A. Haines

G.J. Mogenson

ELECTED BY THE STUDENTS

H. Crees

T.R. Kasenberg

R. Manning

ELECTED BY THE ADMINISTRATIVE STAFF

L. Ste Marie

S.E. Ward

ELECTED BY THE BOARD OF GOVERNORS

J.S. Brant

(Vice-Chairman)

B.R. Dodds

L. Fowler

R.W. Ivey

APPOINTED BY THE BOARD OF GOVERNORS

W.G.E. Caldwell

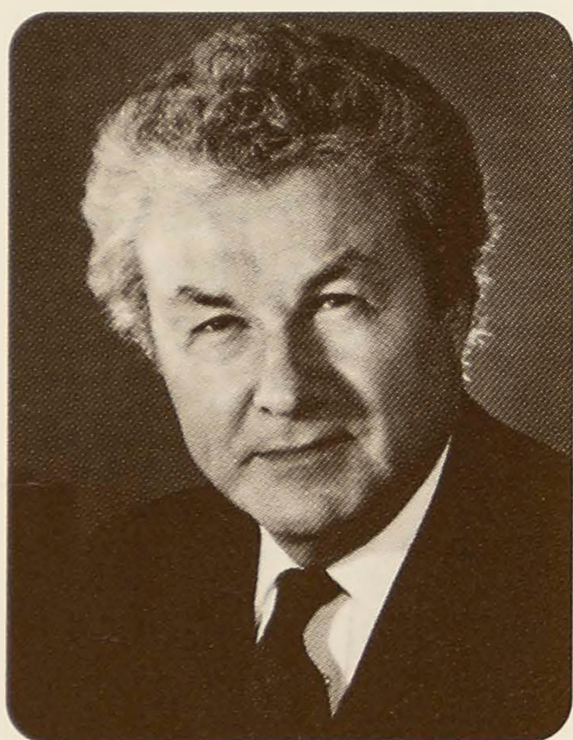
T.J. Collins

G. Harris

University to a form of constructive involvement to further the objective of a more educated black populace in South Africa. The Senate of the University was asked to develop an appropriate way to achieve this, and recommendations are expected in the Fall of 1989.

The establishment of a Research and Development Park was endorsed by the Board, as well as principles for the planning, development and operations of the Park as a property-based venture with a formal operational relationship with the University. The development strategy eliminates the requirement for University operating resources for the project. The primary purpose of the Park will be to promote research and development by the University in partnership with industry, assisting in the growth of new ventures, and promoting economic development, particularly at the local level. It will also take a management role in aiding the transfer of technology and business skills from the University to industrial tenants. The Research Park is to be located on a 35-acre parcel of land owned by the University at the north edge of the campus. When fully developed, it will include a conference centre and seven multi-tenant research buildings of approximately 50,000 square feet each.

the importance of correlating the overall institutional goals of the University and personal and professional development needs of individual employees during their term of service at the University. The "Making a Difference" process will, in time, complement the QUAAAF process in addressing priorities in the administrative sector of the University. As well, the Board approved the Employment Equity Program, which is a direct response to Western's commitments through the Federal Contractors Program.



E.H. Orser,
Chairman, Board of Governors

The Campus Affairs Committee of the Board presented its report and recommendations relating to the University's investment policy in South Africa. The Board approved the recommendation that the University continue to follow the policy directions of the Government of Canada with respect to foreign investment and the Sullivan Principles with respect to investment in U.S. equities. In addition, the Board committed the

The Senate

The Senate, chaired by the President and Vice-Chancellor, is responsible for the academic policy of the University and other matters which affect the University's academic programs. Representatives of the faculty, administrative staff, students, alumni and general community comprise the 92-member Senate; members as of June 30, 1989, are listed in Figure 2. In response to widespread interest and concern regarding the publication of research findings by individual researchers and the University's role in that process, the Senate reaffirmed the principle of academic freedom with its attendant rights and responsibilities:

"The principle of academic freedom is not new; it has been in force in all universities in North America for several decades. Academic freedom provides a university community with the protection that must accompany independent research and the publication of its results. Academics frequently express ideas that are at odds with other views within the university, and sometimes with the views of society or government.

"Academic freedom ensures that such ideas can be expressed without fear of interference or repression from university administrators, politicians, or others.

"It is the essence of a university that independent research should be undertaken; this frequently involves highly controversial issues and sometimes highly controversial results and interpretations. It is a matter of historical record that members of the academic community, faculty and students alike, evaluate such results and interpretations. Conclusions are either sustained or refuted. The

basis of this process is that the university must remain the centre of such free intellectual inquiry and interchange.

"Questions have recently arisen concerning the relationship between the conclusions reached by individual researchers and the views of this University. The question can be addressed directly and succinctly: there is no relationship between such conclusions and any position which the University itself might take on the issues involved. In other words, in their capacity as a researchers and scholars, individual researchers do not represent the views of The University of Western Ontario.

"Members of the academic community have responsibilities as well as rights and they are individually accountable, in both the moral and social sense, for their findings and statements. In protecting academic freedom, the University is not assuming that responsibility which is properly the responsibility of the individual concerned.

"Academic checks and balances also apply to teaching. As in research, so in the classroom, there are freedoms and responsibilities. Faculty members have the responsibility to make a balanced presentation of controversial issues. They have the further responsibility to teach their students to evaluate what is presented to them in a critical way. Finally, students are expected, particularly in their senior years, to critically appraise material, to draw their own conclusions, and to argue rationally in their defense. Faculty members may not use their classrooms as a forum for advancing their personal opinions beyond the bounds of these responsibilities.

"Be it therefore resolved that the University of Western Ontario reaffirms the principle of academic

freedom with its attendant rights and responsibilities."

The Senate also adopted the following statement on racism:

"WHEREAS it is the policy of this University to recognize the dignity and worth of every person and to provide for equal rights and opportunities without discrimination and

"WHEREAS the University has as its aim the creation of a climate of understanding and mutual respect for the dignity and worth of each person so that each person feels a part of the University community and able to contribute fully to the development and well-being of the University and the general community

"BE IT THEREFORE RESOLVED that the Senate affirms that The University of Western Ontario abhors bigotry, intolerance, and racism in any form."

In other matters, Senate also took two important steps toward accommodating increased enrolment in limited classroom space. Effective September 1988, the daily hours of instruction were increased to expand usage of high demand classrooms. Plans were initiated for using Voice Response Technology to permit most students to enrol in courses by telephone. Full implementation is scheduled for 1991.

A number of collaborative research centres were established in 1988-89: The Centre for Studies in Construction at Western, The Centre for Olympic Studies and The Centre for Activity and Ageing.

Senate Membership

June 30, 1989

EX OFFICIO

G.L. REUBER
Chancellor

K.G. PEDERSEN
President and Vice-
Chancellor(Chairman)

T.J. COLLINS
Vice-President (Academic)

G. HARRIS
Vice-President
Administration

W.G.E. CALDWELL
Vice-President (Research)

M.E. MILLAR
Vice-President (External)

R.E. LEE
Director of Libraries

G.J. SMILEY
Registrar

J.K. VAN FLEET
Secretary of the
Senate (non-voting)

D. LING
Dean of Applied Health
Sciences

T.M. LENNON
Dean of Arts

C.B. JOHNSTON
Dean of Business
Administration

R.I. BROOKE
Dean of Dentistry

A.G. SLEMON
Dean of Education

R.M. MATHUR
Dean of Engineering Science

G.J. MOGENSEN
Dean of Graduate Studies

A.W. MacFARLANE
Dean of Journalism

W.B. RAYNER
(Vice-Chairman) Dean of Law

J. TAGUE
Dean of Library and
Information Science

L.S. VALBERG
Dean of Medicine

J.L. STOKES
Dean of Music

J. GILCHRIST
Dean of Nursing

T.N. GUINSBURG
Dean of Part-Time and
Continuing Education

A.W. TAYLOR
Dean of Physical Education

W.S. FYFE
Dean of Science

E.J.E. SZATHMARY
Dean of Social Science

FACULTY

S. MORGAN
Applied Health Sciences

R.W. BINKLEY
Arts

A.J. GEDALOF
Arts

S.J. SHORTEN
Arts

R.K. WILSON
Arts

J.F. GRAHAM
Business Administration

W.R. TETERUCK
Dentistry

J.C. O'SULLIVAN
Education

M. NOVAK
Engineering Science

I. CONNIDIS
Graduate Studies - At Large

T.G. KENNEDY
Graduate Studies - At Large

G.B. ROLLMAN
Graduate Studies - At Large

R.P. SINGH
Graduate Studies - At Large

J.A.B. SOMERSET
Graduate Studies - Arts

J.E. STEELE
Graduate Studies -
Biosciences

R. MIGNERON
Graduate Studies - Physical
Sciences

D.J. RADCLIFFE
Graduate Studies - Social
Sciences

M.M. LAING
Journalism

B. HOVIUS
Law

E. DOLAN
Library and Information
Science

J. HORE
Medicine

M. INWOOD
Medicine

K.P. STRICKLAND
Medicine

N.R. SINCLAIR
Medicine

A.A. YUZPE
Medicine

R. SEMMENS
Music

L. S. BROWN
Nursing

C.L. MURISON
Part-Time and Continuing
Education

L.D. MORROW
Physical Education

H. JURGENSEN
Science

M.E. FLEET
Science

M.D. OWEN
Science

R.J. PUDDEPHATT
Science

R.W. BUTLER
Social Science

F.A. DREYER
Social Science

S.J. LUPKER
Social Science

B.D. SINGER
Social Science

AFFILIATED COLLEGES

D. KUNTZ
Principal, Brescia College

P. SKIDMORE
Brescia College

C. JAGO
Principal, Huron College

J.D. LEIGHTON
Huron College

P. MUELLER
Principal, King's College

N.F. SKINNER
King's College

STUDENTS

R. BORINS
Undergraduate

M.C. BRESEE
Undergraduate

C. GROVER
Undergraduate

A. KAPUR
Undergraduate

K. MYERS
Undergraduate

J. RADOCCIA
Undergraduate

D.A. REDDOCH
Undergraduate

C. ROSEN
Undergraduate

H. ROSENOFF
Undergraduate

A. RUBEN
Undergraduate

K. SCOTT
Undergraduate

T. SUTHERLAND
Undergraduate

W. DICK
Graduate

D. LAZOSKY
Graduate

ADMINISTRATIVE STAFF

M. ABRAMS
J. CONGDON

GENERAL COMMUNITY

M.N. BRANDON
Alumni Association

G.R. MUNRO
Alumni Association

G. ROBBINS
Alumni Association

S. RADCLIFFE
Senate

O.B. WATTS
Senate

BOARD OF GOVERNORS

J.S. BRANT
D.S. YOUNG

Convocation

Grant Louis Reuber, Deputy Chairman of the Bank of Montreal and former Vice-President (Academic) at Western, was installed as the fifteenth Chancellor of the University on the first day of Autumn Convocation, Thursday, October 27, 1988. He presided at Autumn Convocation held on October 27 and 28, when degrees, diplomas and certificates were awarded to 1,245 graduates. In addition an honorary degree was conferred upon:

The Honourable Lincoln MacCauley Alexander (LL.D. *jure dignitatis*) Lieutenant Governor of Ontario and Official Visitor to the University.

At Spring Convocation held on June 2, 3, and 5-9, 1989, 4,810 graduates received degrees, diplomas and certificates. Honorary degrees were conferred upon the following:

Arnold Richard Ten Cate (D.Sc.)

Dean of Dentistry at the University of Toronto (retiring June, 1989), honored for his distinguished international career as a researcher and teacher in dentistry.

Robert Gary Siskind (LL.D.)

a London developer, lawyer and Q.C., honored for his leadership on Western's Board of Governors and the Council of Chairmen of Ontario Universities.

Barry Connell Steers (LL.D.)

Canada's ambassador to Japan since 1981, honored for his exemplary service to Canadians during his 34 years as a diplomat.

David Black Weldon

Chancellor of Western 1984-88, honored for his contributions to the University and his distinguished record in the Canadian business community.

William Paterson Ewen (D.Litt.)

former faculty member at Western, whose work is represented in all the major Canadian art galleries, was honored as one of Canada's leading artists.

Charles Alexander Thompson (LL.D.)

a London ophthalmologist, honored for his 52 years of providing expert eye care to native peoples in the far reaches of Canada.

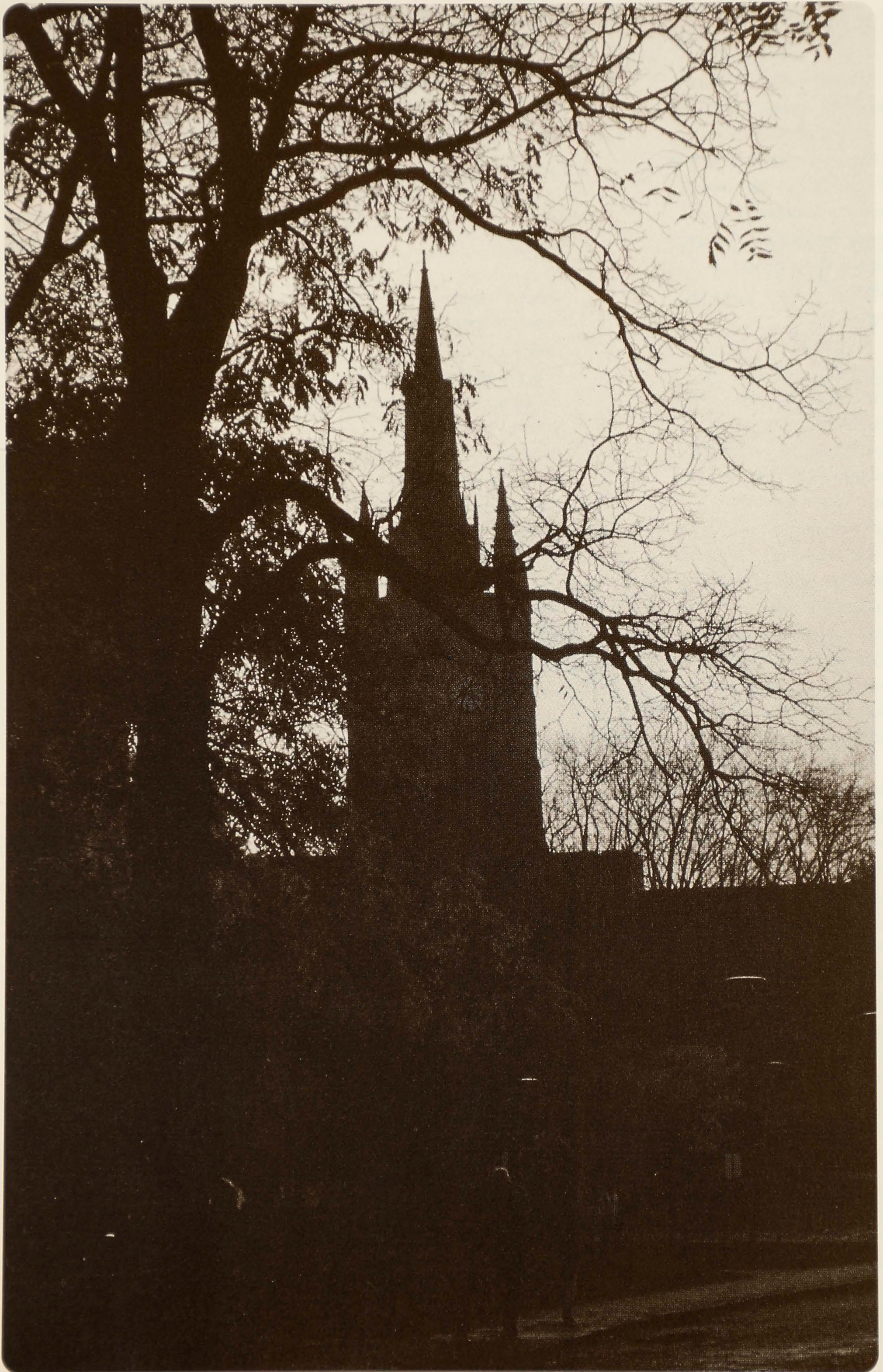
John David Jackson (D.Sc)

a Western graduate, honored for his outstanding research in theoretical physics, particularly in the area of nuclear and elementary particle physics.

The Edward G. Pleva Award for Excellence in Teaching was presented to two members of the faculty during Spring Convocation. Recognized for their outstanding contribution to teaching at the University were: Professor Peter Rosati, Faculty of Engineering Science, and Professor Paul P. Mercer, Faculty of Medicine.



Grant L. REUBER, Chancellor



Research

Research revenue, in constant dollars, for the year 1988-89 was 8.7 percent higher than the previous year (Figure 1). In terms of current dollars government funding rose substantially, 11.2 percent federally and 28.6 percent provincially. Increases in fact were evident in all facets of funding (Figure 2).

All three granting councils, from SSHRC to NSERC to MRC continued to fund at an increased rate the work of Western's researchers. The Faculty of Arts and the Faculty of Health Science were especially notable in increasing their external funding.

The position of Vice-President (Research) was filled by Dr. Glen Caldwell in October, 1988. The creation of this new position is evidence of Western's commitment to research and of its desire for a more proactive role in the solicitation of research funding.

The Office of University Research and International Education has changed its name to the Office of Research Services in order both to emphasize its service function and to focus better its energies. All activity with regard to international education has been transferred to Dr. William McClelland, the Associate Dean of Social Science. In addition, the responsibility for patents has been shifted to the

Office of Commercial Development under the direction of Dr. Don Hayden.

In response to requests from the University community, the Office of Research Services produced a procedures manual to assist investigators in the preparation of their grants and contracts. The current edition is a working draft that has been distributed to all Deans, Chairs and departmental administrative officers for their comments and suggestions. It is anticipated that a final version will be distributed to all faculty in the summer of 1990.



FIGURE 1 RESEARCH REVENUE 1984-89

\$M

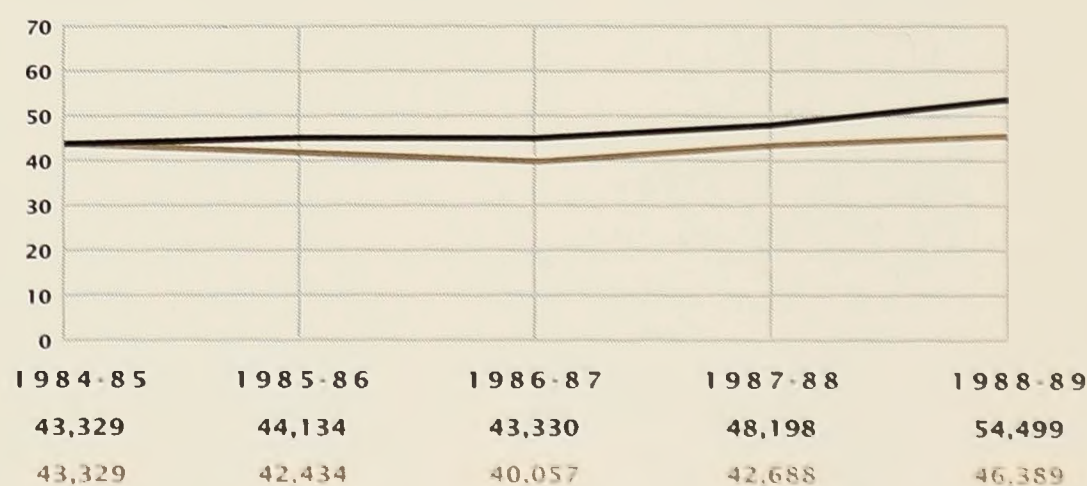
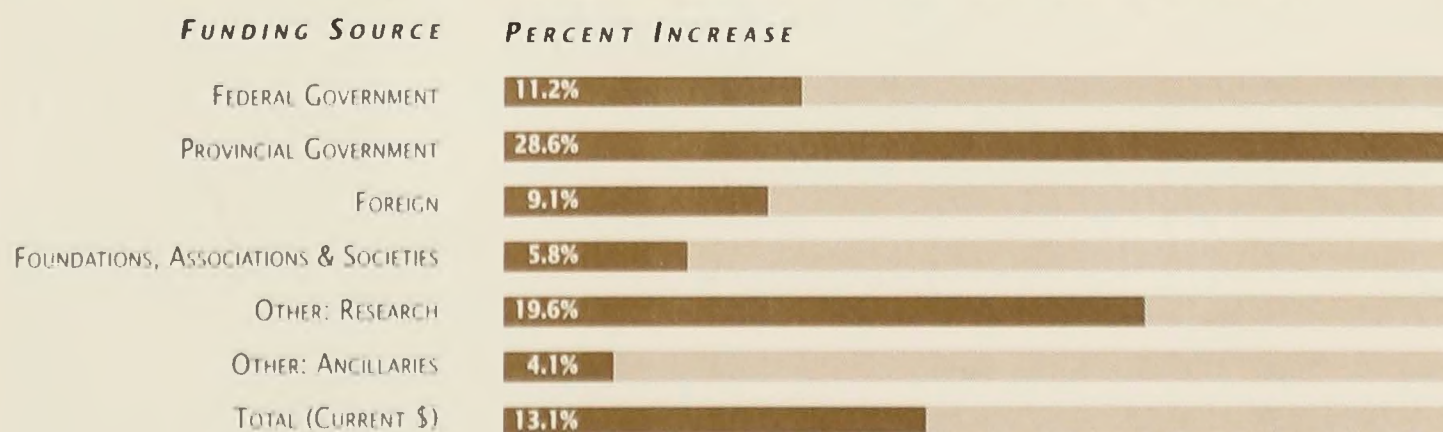


FIGURE 2 PERCENT INCREASE IN FUNDS 1987-88 TO 1988-89



Included in figure 1 is revenue for the Boundary Layer Wind Tunnel, Occupational Health and Safety Resource Centre, Surface Science Western and the Statistical Laboratory.

Sources for Figures 1 and 2: University Audited Statements

Enrolment

In 1988 Western experienced a three percent decline in applications for admission. Given the very large increase in applicants we experienced in 1987 this slight decline was not totally unexpected. In response to the provincial governments request of universities to accommodate a greater percentage of applicants, Western increased the size of the first year class from 4,250 to 4,500.

As in previous years Western enrolled more than 15 percent of all Ontario Scholars who chose to register at Ontario universities, the second highest percentage in the province. In November 1988, approximately 1,800 of the 4,494 full-time first year students at the constituent University were Ontario Scholars.

FULL-TIME YEAR 1 ENROLMENT AS OF NOVEMBER 1, 1987

WESTERN (CONSTITUENT)	4,494
BRESCIA	207
HURON	235
KING'S	552

In November 1988 full-time constituent undergraduate enrolment was 16,154 an increase of 439 over the 1987 enrolment. Western continues to manage its human and physical resources in

order to capitalize on the strengths of the University and to plan for the future.

Figure 1 graphically presents the geographical origin of full-time students who entered the constituent University in September 1988. The University continues to attract a significant portion, 33.1 percent, of its total

enrolment from the City of London and southwestern Ontario.

Western also continues to register 51 percent of the Grade 13 Ontario Scholars in the local area, a percentage ranking among the highest in the province.

FIGURE 1 1988-89 FULL-TIME YEAR 1 CONSTITUENT STUDENTS BY GEOGRAPHICAL ORIGIN

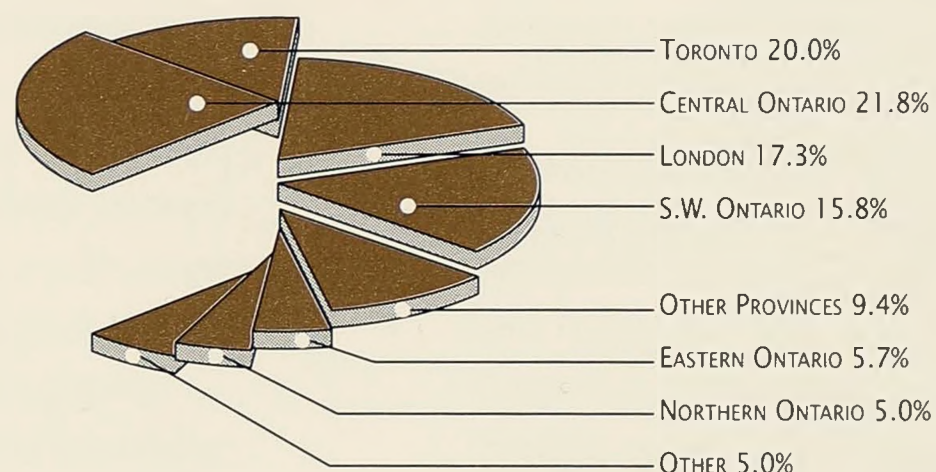


FIGURE 2 1988-89 FULL-TIME YEAR 1 CONSTITUENT STUDENTS BY PROVINCE

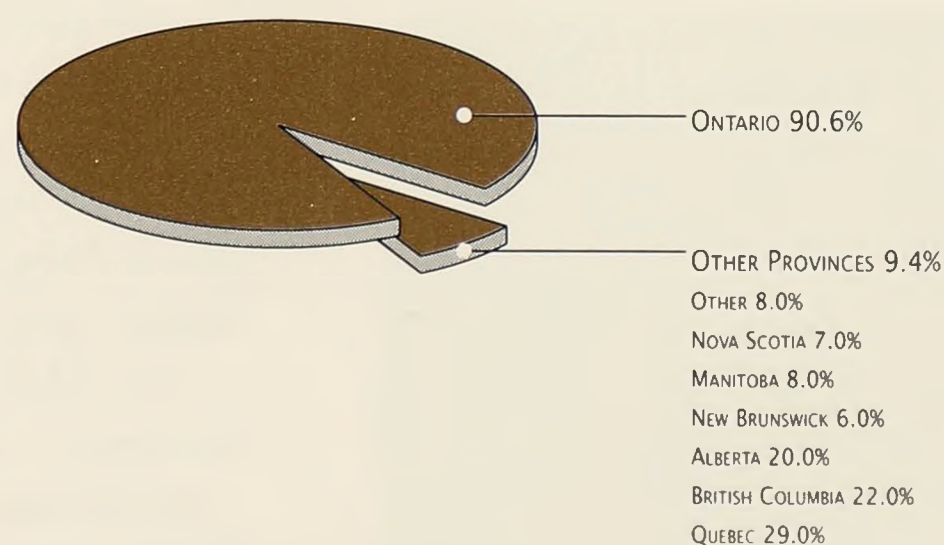
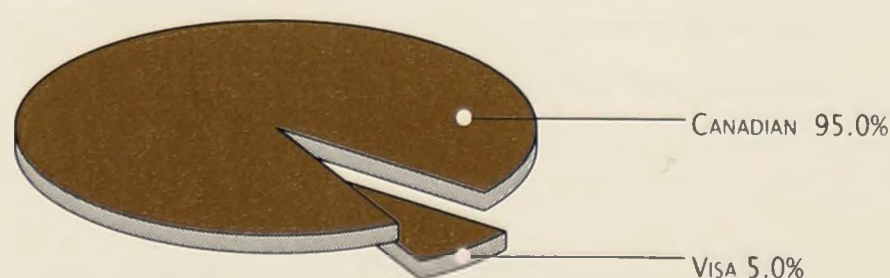


FIGURE 3 1988-89 FULL-TIME YEAR 1 CONSTITUENT STUDENTS BY IMMIGRATION STATUS



Academic Administrative Appointments

EFFECTIVE JULY 1, 1988
THROUGH JUNE 30, 1989

DEANS:

Initial Appointments:

E.J.E. Szathmary - *Social Science*

Reappointments:

P. Desbarats, *Journalism*

ACTING DEANS:

Reappointments:

A.W. MacFarlane - *Journalism*

T.F. Sea - *Social Science*

A.G. Slemon - *Education*

CHAIRS:

Initial Appointments:

J.D. Brown - *Materials Engineering*

R.E. Butts - *Philosophy*

G.S.P. Castle - *Electrical Engineering*

A.Margaritis - *Chemical and Biochemical Engineering*

G. Moran - *Psychology*

M.P. Poucher - *Civil Engineering*

R.F. Ruby - *Otolaryngology*

J.D. Tarasuk - *Mechanical Engineering*

G.B. Young - *History of Medicine and Science*

Reappointments:

J.E. Boone - *Paediatrics*

R.W. Butler - *Geography*

D.E. Gerber - *Classical Studies*

R.W. Hodder - *Geology*

P.K. Lala - *Anatomy*

J. MacKinnon - *Occupational Therapy*

W.C. McMurray - *Biochemistry*

A.W. Tweed - *Anaesthesia*

ACTING CHAIRS:

Initial Appointments:

L. Cortner - *Applied Music*

M.J. Moscovich - *Classical Studies*

B.W. Posthuma - *Occupational Therapy*

E.L. Shaver - *Anatomy*

ASSOCIATE DEANS:

Initial Appointments:

E.E. Gillese - *Law (Student Affairs)*

R.K. Rowe - *Engineering Science*

Reappointments:

D.W. Banting - *Dentistry (Academic)*

C. Brown - *Law (Administration)*

I.J. Duerden - *Engineering Science*

D. Radcliffe - *Education*

Acting:

A. Oosterhoff - *Law (Student Affairs)*

ASSISTANT DEANS:

Initial Appointments:

A.R. Mills - *Dentistry (Educational Development)*

Reappointments:

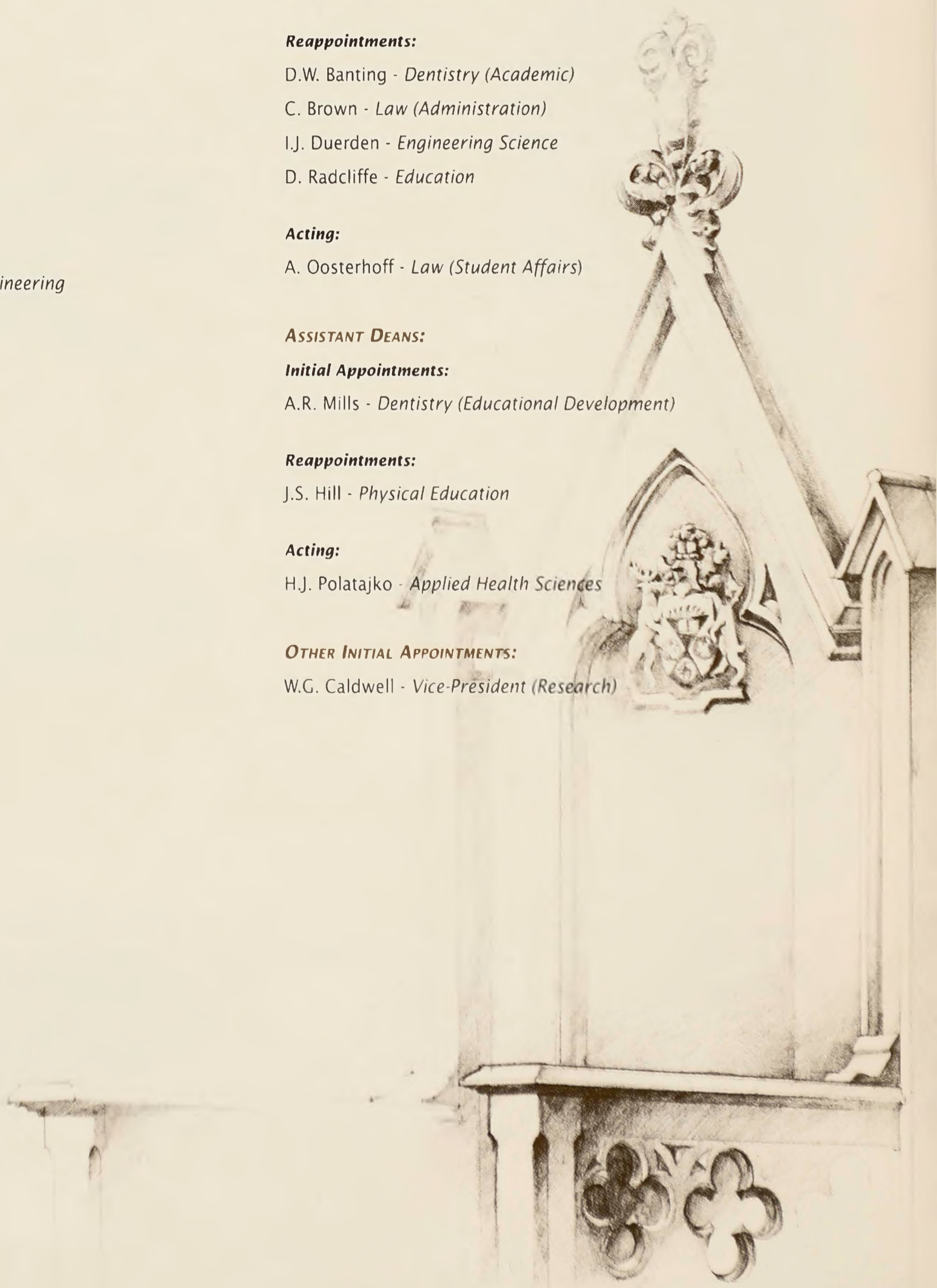
J.S. Hill - *Physical Education*

Acting:

H.J. Polatajko - *Applied Health Sciences*

OTHER INITIAL APPOINTMENTS:

W.G. Caldwell - *Vice-President (Research)*



Faculty and School Reports

Applied Health Sciences

The focus in this faculty has recently been on adjustment and consolidation. In order to lay the foundations for an expansion of all three programs in the faculty (Communicative Disorders, Occupational Therapy and Physical Therapy) both capital and one-time grants have been received from the Ministry of Colleges and Universities. One grant of \$440,000, together with other funding, has been used to restructure and renovate space in the northeast corner of Elborn College. Through this work a larger lecture theatre - one that can house a class of 130 - and further office and laboratory space have been created by adding a second floor. This space is additional to the planned Elborn expansion, the details of which were recently approved by Senate. Construction of the new, two-floor building will begin in the fall of 1989 and is scheduled for completion during the spring of 1991.

The receipt of a one time Program Adjustment Envelope (PAE) grant of \$2.1 million over four years from 1988 has allowed the faculty to develop several new initiatives and consolidate existing programs. It has permitted the appointment of new faculty members for each of the departments, an increase in the graduate enrolments in Communicative Disorders, the phasing out of the undergraduate program in that department, the introduction and support of a graduate level program in Occupational Therapy, and consolidation of the program in Physical Therapy in preparation for the planned doubling of its enrolment in 1991. PAE funding,

together with a grant just under \$0.5 million from the Ministry of Health has also allowed the faculty to bring most of its equipment up-to-date. Initiatives in computer based learning have also been undertaken. The PAE grant has also permitted us to provide more Graduate Teaching Assistantships than ever before in our history.

The Ontario Ministry of Health contributed to advances in the faculty. It supported a seminar on creative problem solving by students and practitioners attended by 150 clinicians who collaborate in the provision of practica for students in the faculty. It also supported a study on practicum placements for an increased number of students. The report on this study is now available.

The INROADS project has been funded by the City Council of London at the rate of \$50,000 per annum for a period of five years, with matching funds being provided by the Thames Valley Children's Centre. The purpose of this project is to support the appointment of a leadership person to stimulate research and teaching on assistive devices for people with physical and sensory handicaps. The Premier's Technology Fund has provided a \$2.2-million award for work on hearing aids to members of the Amplification Systems Research Laboratory in Communicative Disorders, and the Ministry of Labour has supported a major study on low back pain that is being carried out on employees of the University. Other research initiatives are being undertaken by faculty members in these departments as well as in the Department of Occupational Therapy.

The drive towards expansion, together with the progress made in teaching and research over the past year has produced exceptionally positive results for the faculty. It is anticipated that permanent funding

will become available to sustain its momentum towards growth and excellence.

Faculty of Arts

The faculty continues to make impressive strides with its teaching and research efforts. Ours has been the only faculty to see its undergraduate enrolment increase in every one of the past eight years -- last year by the biggest percentage ever. Although the number of our full-time faculty members has remained constant during that period, the quality of our education seems to keep pace with the rise in enrolment. For example, for the second year in a row, a student of ours was awarded one of the six Queen Elizabeth Scholarships that are awarded nationally.

In the area of research, there is ample evidence that ever more of our faculty members are achieving national and international distinction. The most prestigious award to anyone working in the humanities is undoubtedly the Guggenheim Fellowship. Last year five Guggenheims went to members of Canadian universities; of these, two were won by our faculty: one by a member of the English Department, and one by a member cross-



appointed in English and Philosophy. Two years ago the province created the Polanyi Prize for Literature to honor Nobel laureate John Charles Polanyi; each of these first two awards has gone to a member of our English Department.

These were our most notable successes, but many others were active as well. For example the number and amounts of our grants from the Social Sciences and Humanities Research Council of Canada was at an all-time high last year. And the Chair of Philosophy was elected President of the Canadian Philosophical Association.

Although most of our research is conducted by individual scholars, we also find it important to provide a stimulating community for scholarship. The ninth annual Tamblyn Lectures were delivered by Robert Darnton of Princeton University, appropriately on the topic of Literature and Revolution in France, 1770-1789. The Faculty of Arts lecture series again presented a slate of distinguished speakers, and individual departments invited lectures commensurate with their own excellence. For example, Classics brought in Walter Burkert from Zurich, the world's leading authority on ancient religion, and Visual Arts was again able to use a Canada Council grant to fund a high-calibre program of visiting artists, art scholars, and critics.

positions in provincial and national organizations, including Dr. Wesley J. Dunn, who has been elected President of the Royal College of Dental Surgeons of Ontario and Dr. Ralph I. Brooke, who became President of the Association of Canadian Faculties of Dentistry. Dr.



David H. Charles has been elected President of the Canadian Academy of Prosthodontics.

The faculty continues to mount an extensive continuing education program. Some twelve courses were mounted this year which were all well attended.

Thirty-three grants or renewals were obtained from external agencies this year and there were 69 publications in refereed journals by members of faculty.

(Technological Studies) programs, continue to rise both provincially and for this faculty in particular. As long as funding and resources for the faculty continue to be set at 650 places for these programs, admissions will be highly competitive. In March the faculty hosted a conference of all provincial faculties of education to review and share common concerns about admissions policies and procedures, and the problems of student selection.

The faculty remains committed to the continuing and inservice education of teachers. Courses to enable over 2,300 practising teachers to upgrade or extend their professional qualifications were offered in London, Kitchener-Waterloo, and ten other localities throughout southwestern Ontario.

Demand for admission to the M.Ed (Educational Studies) and M.Ed (Guidance) programs was also strong in 1988-89. For the past several years admissions levels have been held constant.

The faculty currently has 196 graduate students, of whom 20 percent are full time. It is anticipated that the pressure to increase enrolments, both from the teaching profession and from within the faculty, will lead to further growth over the next several years. The program requirements for the M.Ed (Educational Studies) degree were changed in 1986, calling for the completion of either a thesis or a directed research project. This year 18 students graduated from the program, having fulfilled this requirement. However the full impact of this change has yet to be determined. During the year documentation was prepared for the regular OCGs review of the Graduate Program, which is taking place in 1989-90.

Significant progress has been made in the planning for a doctoral

Faculty of Dentistry

The Edward H. Hatton award for the most meritorious poster presentation on original research by a student was awarded to Alan Kwong Hing at the annual meeting of the International Association for Dental Research held in Dublin. This award demonstrates the strength which this Faculty is developing in the field of Oral Biology. The addition of several faculty members whose chief role is in research has made this possible.

The pool of qualified applicants to Dentistry remains high and the class average, based on the best two years preceding admission, is approximately 85 percent.

Several members of the faculty have been appointed to executive

Faculty of Education

The recruitment of new faculty members as a result of retirements made it a busy year. Taken together, 1987-88 and 1989 have seen significant faculty renewal. The emphasis has been on staffing to meet changes in the programs anticipated in the next decade. There has been a stress on research capability and potential, and on the need to underwrite new developments in the graduate program, while maintaining strength in the initial training of teachers.

Applications for admission to initial education for teacher certification, in the B.Ed and Dip. Ed

program. The first draft identifying scope and overall design has been completed, core faculty have been identified, and the document will now be sent out for wider validation and the beginnings of formal negotiation.

The OISE/UWO Educational Leadership Centre has continued to provide programs for educational leaders and supervisory officers in Ontario and across Canada. The Principal Assessment Project has been revised for a better reflection of Canadian concerns and professional practices, and satellite centres have been established in eastern Ontario and in New Brunswick. During the year, as part of the UWO/OISE agreement, the centre underwent a five-year review, which will provide the basis for future development planning in 1989-90.

The faculty submitted a proposal and received major funding for a set of development proposals, under the terms of the MCU's Program Adjustment Envelope. As a result five projects are underway, dealing with associate teacher professional development, early childhood education, technological studies, French immersion, and teachers in community colleges. The faculty was also the recipient of a grant from IBM and the Ministry of Education for research on the use of computer technology in Special Education.

The faculty is home base for a number of flourishing publication activities. In addition to our own Althouse Press, which added four new publications to its list of sixty currently in print, and the faculty link with the international publications of the Falmer Press, including the *The International Journal for Qualitative Studies in Education* and *The Journal of Education Policy*, faculty members currently serve as editors for *The Journal of Counselling and*

Development, Paideusis, The Education and Law Journal, Historical Studies in Education, The Ontario Mathematics Gazette, The Journal of the Ontario Society for Education Through Art, and The Journal of English Language Arts.

Faculty of Engineering Science

Committed to high quality and excellence in teaching, research and community service, the

faculty continues to receive recognition as it introduces innovative programs. Some important events of 1988-89 are described below.

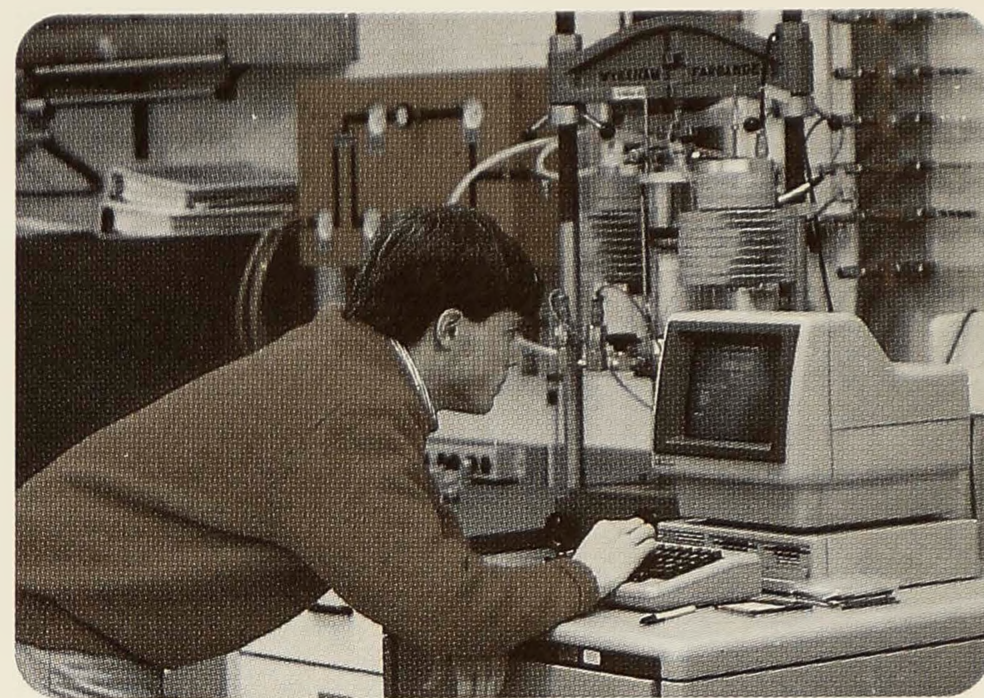
Education. In June 1989, the faculty successfully received full term accreditation for the next six years, for all five of its B.E.Sc degree programs with their options. The Canadian Engineering Accreditation Board was complimentary in conveying its accreditation decision to the University.

In recognition for his teaching excellence, Dr. P.A. Rosati received the Dr. Edward G. Pleva award from The University of Western Ontario, as well as the 3M Teaching Fellowship for outstanding teaching contribution on a national basis. The University of Western Ontario has conferred one of its four annual teaching awards for the second consecutive year to an engineering professor.

Integration of work experience in undergraduate engineering education is important for many students. To fulfil this need, the faculty has introduced an Industrial Internship program, which permits selected students, normally after completing their third year of engineering education, to work on an industrial project for 12 or 16 months. For the introduction of this program, the faculty received Program Adjustment Envelope funding of \$880,000 for the next four years. A part of this funding

will also be used to launch an innovative continuing education modular package of part-time study leading to a M.Eng degree. Prof H. Peacock has been appointed to coordinate these programs and other industrial liaison work.

The addition of 41 networked



microcomputers in the Computer Aided Learning Laboratory, started in 1988, provided a state-of-the-art computing environment for engineering students. Increased integration of computers in engineering education is a major incentive for students to own a personal computer.

The faculty increased its target enrolment from 275 to 300 in 1988-89 and indeed admitted 336 students. It graduated 151 students from its five degree programs.

The first year class attracted many scholarship holders. Gillian Gerhard won the highest award - The Richard and Jean Ivey Scholarship. Charles Scullion was another winner of The National Admission Scholarship awarded by The University of Western Ontario. Also five male and seven female winners of Canada Scholarships entered engineering at Western.

It was indeed rewarding to see Jeffrey McGee, our fourth-year electrical engineering student, win the top entrepreneurial design award in the Fifth Canadian Engineering Competition for his project "Device to Detect the Collapse of a Person".

Graduate student population in the faculty showed an increase of 9.7 percent. Paul Smeulders not only earned his Master of Engineering Science degree in Electrical Engineering, he also earned the Governor General's Gold Medal for highest academic standing in the Masters program at Western.

The faculty places high importance on its obligation to provide continuing education for practising professionals. It has therefore adopted a unique format of intensive course modules in order to deliver courses at the graduate level. A typical module provides four days of immersion in a subject which may be team-taught. Modules for credit will be available in engineering and management subjects. Registered students have an option to earn an M.Eng degree by accumulating credits and satisfying a project requirement.

Research. On the research side, the faculty, in partnership with the Faculties of Science, Social Science, Law and the National Centre of Management Research and Development (NCMRD) launched a new research centre, the Centre for Studies in Construction. Dr. A.G. Davenport is its Director. The centre expects to set up a chair in Engineering and another in NCMRD.

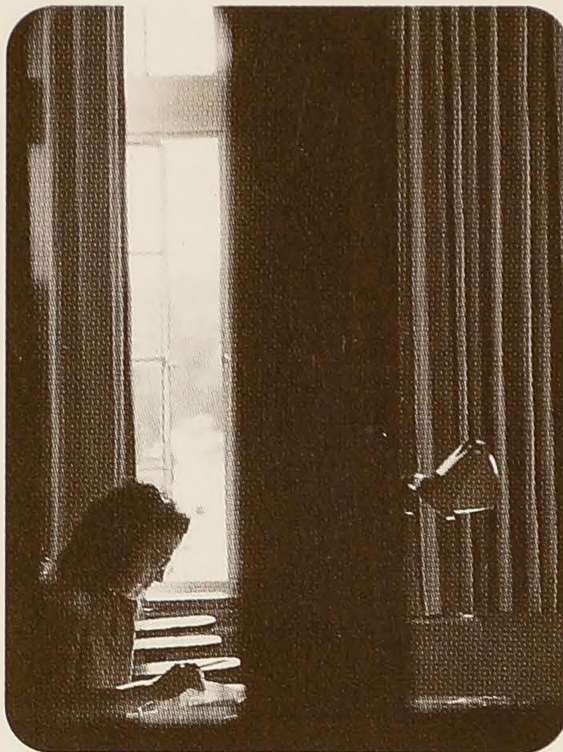
The faculty has decided to develop new multidisciplinary research focuses in the areas of: environmental hazard engineering, biomedical engineering, and advanced materials.

The faculty participated in several applications to set up national networks of Centres of Excellence. Indeed, it hosted a site visit to establish at the University the hub of a network in "Innovative Processing of Energy Feedstocks".

Last year, the faculty was particularly successful in attracting strategic grant funding from

NSERC. It received 1.74 million dollars as new money.

Members of the faculty periodically received research distinctions and awards. The E.W.R. Steacie Memorial Fellowship awarded to Dr. R.K. Rowe, Professor, Civil Engineering, is the highest award for Science and Engineering achievement. The Natural Sciences and Engineering Research Council



presents four such awards annually which allows the distinguished researchers to devote 100 percent of their time to research. Dr. Rowe will receive the Fellowship for two years. Drs. R.M. Quigley, A. Margaritis, and their research assistants received the best paper award in the Canadian Geotechnical Journal 1987. Interestingly, this award has been won by Western researchers five times in the last eight years. Prof J.M. Floryan was space borne to experience zero gravity to conduct an experiment devised by him and Prof I.I. Incelet to study the breakdown of droplets in microgravity environments. Dr. A.G. Davenport was presented an honorary degree by the University of Toronto. As well, he received The Kerensky medal from H.R.H. The Prince Phillip, Duke of Edinburgh.

Faculty and Staff. While Dr. J.F. Eggleston and Dr. P.J. Tumidjaski joined as new members of the faculty, our only female faculty member, Dr. E. Weckman left the University. A. Leitch and N. Lowes,

both on our support staff, earned B.A. degrees by part-time study. Dr. N. Isyumov and Dr. D. Surry were promoted to the rank of professor and Dr. A. Jutan was promoted to Associate Professor. The faculty is indebted to its Engineering Science Advisory Council for its active role. It was very active last year and has developed an action plan to help the faculty.

Faculty of Graduate Studies

The number of graduate students registered in the Faculty of Graduate Studies in 1988-89 was increased by a healthy margin over that of the previous year. Full-time and part-time enrolments increased to 1,913 and 675 respectively, for a total of 2,588 graduate students. The Senate Committee responsible for enrolment forecasting (SUEFER) has predicted that the present trend will continue during the next few years. The increase in the number of graduate students is expected to occur as the size of some of the existing graduate programs increases and because of the introduction of a limited number of new programs.

The maintenance and enhancement of quality continues to be a priority of the faculty. Students regard quality graduate programs as a benefit to their future careers. Members of the faculty take pride in being associated with a university recognized for the high calibre of its research and graduate studies. As part of the process to ensure high standards all graduate programs are assessed by the Ontario Council of Graduate Studies on a seven-year cycle. The following programs successfully completed this periodic appraisal in 1988-89: English (MA/PhD), Epidemiology and Biostatistics (MSc/PhD), Library and Information Science (MLIS/PhD); Philosophy (MA/PhD), Plant Sciences

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.

The University experienced a \$474,000 deficit during 1988-89 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 1988-89 and 1987-88 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 1988-89 basic operating revenues and expenses.

As indicated in Figure 1, the unappropriated basic operating deficit amounted to \$502,000 at April 30, 1989 which is (0.3) percent of the 1988-89 revenue.

Summary of Basic Operating Revenues and Expenses

FIGURE 1

FOR THE YEAR ENDED APRIL 30, 1989
(WITH COMPARATIVE TOTALS
FOR THE YEAR ENDED APRIL 30, 1988)
(THOUSANDS OF DOLLARS)

REVENUE	1989	1988
GOVERNMENT GRANTS		
BASE GRANTS - FORMULA	\$ 134,890	\$ 128,946
SPECIAL GRANTS:		
FACULTY RENEWAL	1,343	1,055
RESEARCH INFRASTRUCTURE	2,901	2,760
ASSESSIBILITY	2,168	0
PROGRAM ADJUSTMENT	1,151	701
ADJUSTMENT GRANTS		
OTHER MCU ALLOCATIONS	146	198
SERVICE TEACHING REVENUE	1,335	1,405
SHARE OF FOREIGN STUDENT	103	70
MISCELLANEOUS GOVERNMENT GRANTS	2,639	2,435
TUITION	34,083	31,932
SALARIES AND BENEFITS RECOVERED FROM HOSPITALS AND OTHER EXTERNAL AGENCIES	13,362	10,666
INVESTMENT INCOME	1,850	1,695
MISCELLANEOUS	1,265	1,359
TOTAL REVENUE	197,236	183,222
EXPENSES AND APPROPRIATIONS		
ACADEMIC	139,385	128,479
ACADEMIC SERVICES AND SUPPORT	24,135	22,797
STUDENT SERVICES AND SUPPORT	8,482	7,762
ADMINISTRATIVE SERVICES	8,732	7,557
PLANT OPERATION AND MAINTENANCE	13,662	13,684
OTHER	3,314	2,913
TOTAL OPERATING EXPENSES AND APPROPRIATIONS	\$ 197,710	\$ 183,192
NET SURPLUS (DEFICIT) FOR THE YEAR	(474)	30
BASIC OPERATING RESERVE (DEFICIT) AT THE END OF THE YEAR	(502)	1,185
BASIC OPERATING RESERVE (DEFICIT) AS A PERCENTAGE OF TOTAL ANNUAL REVENUE	(0.3)	0.6

Basic Operating Revenues and Expenditures

FIGURE 2

FOR THE YEAR ENDED
APRIL 30, 1989
(WITH COMPARATIVE AMOUNTS
FOR 1988 IN GREY.)

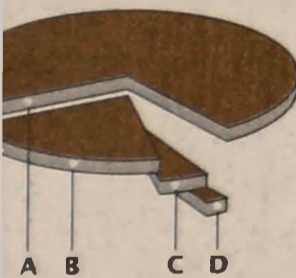
TOTAL REVENUES - \$197,236

A) GOVERNMENT GRANTS	74.4%	75.1%
B) TUITION	17.3%	17.4%
C) OTHER	7.4%	6.6%
D) INVESTMENT INCOME	.9%	.9%

TOTAL EXPENSES AND APPROPRIATIONS - \$197,710

(WITH COMPARATIVE AMOUNTS
FOR 1988 IN GREY.)

A) ACADEMIC	70.5%	70.1%
B) ACADEMIC SERVICES AND SUPPORT	12.2%	12.5%
C) PLANT OPERATION AND MAINTENANCE	6.9%	7.5%
D) STUDENT SERVICES AND SUPPORT	4.3%	4.2%
E) ADMINISTRATIVE SERVICES	4.4%	4.1%
F) OTHER	1.7%	1.6%



ii *Auditors'
Report*

TO THE BOARD OF GOVERNORS, THE UNIVERSITY OF WESTERN ONTARIO

We have examined the combined financial statements of The University of Western Ontario for the year ended April 30, 1989 and have reported thereon, without reservation, to the Board of Governors on July 24, 1989. Our examination included the accompanying condensed statements of financial position, changes in fund balances and equity in fixed assets. The combined financial statements referred to above were prepared in accordance with accounting principles described in note 1 to the accompanying condensed financial statements applied, after giving retroactive effect to the change in the method of accounting for investments as explained in note 2 to the accompanying condensed financial statements, on a basis consistent with that of the preceding year.

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

*London, Canada
July 24, 1989
Ernst & Young
Chartered Accountants*

**THE UNIVERSITY OF
WESTERN ONTARIO
Condensed
Statement of
Financial Position**

FOR THE YEAR ENDED APRIL 30, 1989
(WITH COMPARATIVE TOTALS FOR
THE YEAR ENDED APRIL 30, 1988)
(THOUSANDS OF DOLLARS)

	1 9 8 9				
	OPERATING FUNDS	CAPITAL FUNDS	RESTRICTED FUNDS	TOTAL	1988 TOTAL
ASSETS					
CASH	\$ 16		\$ 16	\$ 32	\$ 15
INVESTMENTS (NOTE 2)	21,771	\$ 9,951	71,078	102,800	82,160
ACCOUNTS RECEIVABLE	5,877		4,197	10,074	11,997
INVENTORIES	4,906		15	4,921	4,730
PREPAID EXPENSES	1,765			1,765	1,625
	<u>34,335</u>	<u>9,951</u>	<u>75,306</u>	<u>119,592</u>	<u>100,527</u>
DEFERRED COSTS (NOTE 3)	1,646			1,646	1,883
FIXED ASSETS (NOTE 4)		<u>367,748</u>		<u>367,748</u>	<u>351,930</u>
	<u>\$ 35,981</u>	<u>\$ 377,699</u>	<u>\$ 75,306</u>	<u>\$ 488,986</u>	<u>\$ 454,340</u>
LIABILITIES AND FUND BALANCES					
DUE TO BANKERS ON CURRENT ACCOUNT	\$ 2,844			\$ 2,844	\$ 3,167
ACCOUNTS PAYABLE, ACCRUED CHARGES AND DEFERRED INCOME	17,141	\$ 474	\$ 177	17,792	18,216
DUE TO (FROM) OTHER CORPORATIONS AND FOUNDATIONS	(774)	15	15	(744)	407
LONG TERM DEBT (NOTE 5)		24,976		24,976	25,625
INTERFUND ACCOUNTS (NOTE 3)	1,646	(1,646)			
	<u>20,857</u>	<u>23,819</u>	<u>192</u>	<u>44,868</u>	<u>47,415</u>
EQUITY IN FIXED ASSETS		<u>342,771</u>		<u>342,771</u>	<u>326,299</u>
FUND BALANCES:					
UNAPPROPRIATED	(70)			(70)	2,397
APPROPRIATED	15,194			15,194	10,920
UNEXPENDED FUNDS FOR SPECIAL PURPOSES		11,109	56,791	67,900	51,525
CAPITAL OF ENDOWED FUNDS			18,323	18,323	15,784
	<u>15,124</u>	<u>11,109</u>	<u>75,114</u>	<u>101,347</u>	<u>80,626</u>
	<u>\$ 35,981</u>	<u>\$ 377,699</u>	<u>\$ 75,306</u>	<u>\$ 488,986</u>	<u>\$ 454,340</u>

(SEE ACCOMPANYING NOTES TO THE CONDENSED FINANCIAL STATEMENTS)

**THE UNIVERSITY OF
WESTERN ONTARIO**
**Condensed Statement
of Changes in Fund
Balances**

FOR THE YEAR ENDED APRIL 30, 1989

(WITH COMPARATIVE TOTALS FOR

THE YEAR ENDED APRIL 30, 1988)

(THOUSANDS OF DOLLARS)

	1 9 8 9					
	OPERATING FUNDS					
	UNAPPROPRIATED	APPROPRIATED				
	OPERATIONS, ANCILLARIES, SUPPORT UNITS AND RELATED ORGANIZATIONS	OPERATIONS, ANCILLARIES, SUPPORT UNITS AND RELATED ORGANIZATIONS	CAPITAL FUNDS	RESTRICTED FUNDS	TOTAL	1988 TOTAL
INCOME:						
GOVERNMENT GRANTS						
AND CONTRACTED SERVICES	\$ 146,676		\$ 15,429	\$ 23,962	\$ 186,067	\$ 168,220
STUDENT ACADEMIC FEES	34,083			4,097	38,180	35,951
GIFTS, GRANTS AND DONATIONS				35,825	35,825	27,673
SALES AND OTHER INCOME						
FROM ANCILLARIES AND SUPPORT UNITS	37,640				37,640	34,580
SALES AND OTHER INCOME						
FROM RELATED ORGANIZATIONS	3,835				3,835	3,622
INVESTMENT INCOME (NOTE 2)	1,850	\$ 628	682	7,699	10,859	(1,176)
SALARIES AND BENEFITS RECOVERED FROM EXTERNAL AGENCIES	13,362				13,362	10,666
OTHER REVENUES AND ADDITIONS	1,265			697	1,962	1,644
	<u>238,711</u>	<u>628</u>	<u>16,111</u>	<u>72,280</u>	<u>327,730</u>	<u>281,180</u>
EXPENDITURES:						
ACADEMIC - FACULTIES AND SCHOOLS	138,723				138,723	128,059
SERVICES AND SUPPORT	22,320				22,320	22,503
ASSISTED RESEARCH				49,072	49,072	44,360
STUDENT SERVICES AND SUPPORT	8,354				8,354	7,642
ADMINISTRATIVE SERVICES	8,861				8,861	7,323
PLANT OPERATIONS AND MAINTENANCE	13,522				13,522	13,553
EXPENSES OF ANCILLARIES AND SUPPORT UNITS	37,945				37,945	35,010
EXPENSES OF RELATED ORGANIZATIONS	4,080				4,080	3,811
RESTRICTED FUND EXPENDITURES				16,269	16,269	16,267
CAPITAL FUND EXPENDITURES			5,087		5,087	3,494
OTHER EXPENDITURES AND DEDUCTIONS	2,077			699	2,776	1,487
	<u>235,882</u>		<u>5,087</u>	<u>66,040</u>	<u>307,009</u>	<u>283,509</u>
INCREASE (DECREASE) IN FUND BALANCES BEFORE TRANSFERS	2,829	628	11,024	6,240	20,721	(2,329)
TRANSFER AMONG FUNDS - ADDITIONS (DEDUCTIONS)	<u>(2,863)</u>	<u>1,213</u>	<u>(8,194)</u>	<u>9,844</u>		
NET INCREASE IN FUND BALANCES FOR THE YEAR	(34)	1,841	2,830	16,084	20,721	(2,329)
FUND BALANCES, BEGINNING OF YEAR	2,397	10,920	8,279	59,030	80,626	82,955
EXPENDITURES APPLICABLE TO PRIOR YEARS' APPROPRIATIONS	1,507	(1,507)				
COMPUTER RECOVERY (NOTE 9)	(932)	932				
APPROPRIATIONS FOR THE YEAR	(3,008)	3,008				
FUND BALANCES END OF YEAR	<u>\$ (70)</u>	<u>\$ 15,194</u>	<u>\$ 11,109</u>	<u>\$ 75,114</u>	<u>\$ 101,347</u>	<u>\$ 80,626</u>

(SEE ACCOMPANYING NOTES TO THE CONDENSED FINANCIAL STATEMENTS)

**THE UNIVERSITY OF
WESTERN ONTARIO**
*Condensed
Statement of Equity
in Fixed Assets*

FOR THE YEAR ENDED APRIL 30, 1989
(WITH COMPARATIVE TOTALS FOR
THE YEAR ENDED APRIL 30, 1988)
(THOUSANDS OF DOLLARS)

	1989 TOTAL	1988 TOTAL
BALANCE, BEGINNING OF YEAR	\$ 326,299	\$ 309,736
ADD:		
PRINCIPAL REPAYMENTS ON LONG-TERM DEBT	649	625
REPAYMENT ON PROMISSORY NOTE - ALUMNI HOUSE		2,800
CAPITAL FUNDS EXPENDED ON -		
FURNITURE, APPARATUS AND EQUIPMENT	8	70
BUILDINGS AND INSTALLED EQUIPMENT	2,336	1,158
LAND AND IMPROVEMENTS		135
OPERATING FUNDS EXPENDED ON -		
FURNITURE, APPARATUS, EQUIPMENT AND LIBRARY BOOKS	7,308	8,603
BUILDINGS AND INSTALLED EQUIPMENT	195	181
LAND AND IMPROVEMENTS	90	166
RESTRICTED FUNDS EXPENDED ON -		
FURNITURE AND EQUIPMENT	6,188	5,996
DONATIONS IN KIND	2,213	197
	<u>18,987</u>	<u>19,931</u>
LESS:		
DISPOSAL OF ASSETS	2,515	568
INCREASE IN LONG-TERM DEBT -		
PROMISSORY NOTE PAYABLE - ALUMNI HOUSE		2,200
NOTE PAYABLE TO FOUNDATION WESTERN		600
	<u>2,515</u>	<u>3,368</u>
BALANCE, END OF YEAR	<u>\$ 342,771</u>	<u>\$ 326,299</u>

(SEE ACCOMPANYING NOTES TO THE CONDENSED FINANCIAL STATEMENTS)

THE UNIVERSITY OF WESTERN ONTARIO

Notes to the Condensed Financial Statements

April 30, 1989

1. SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES AND REPORTING PRACTICES

a) Condensed financial statements

The condensed financial statements of The University of Western Ontario 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 also include the assets, liabilities, equity and operations of Platt's Lane Estates Inc., The Museum of Indian Archaeology (London), Spencer Hall Foundation and the University's share of the net income or loss of S.A.C.D.A. Inc.

Interfund balances and transactions have been eliminated on combination.

b) Fund accounting

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 below. Operating funds of the University account for the academic, administrative and operational costs financed by fees, grants and other general income. They also record the assets, liabilities, appropriated and unappropriated net incomes relating to ongoing academic and administrative operations. The operating funds also include the revenues and expenses relating to the following unincorporated ancillary operations and support and research units:

BOOKSTORE	HEALTH SCIENCES ANIMAL CARE
FOOD SERVICES	ATHLETICS
GLENMORE APARTMENTS	BOUNDARY LAYER WIND TUNNEL
GRAPHIC SERVICES	UNIVERSITY MACHINE SHOP
J. GORDON THOMPSON ARENA	OCCUPATIONAL HEALTH AND SAFETY RESOURCE CENTRE
PARKING SERVICES	SURFACE SCIENCE WESTERN
RESIDENCES	STATISTICAL SERVICES
STUDENT HEALTH SERVICES	
UNIVERSITY COMMUNITY CENTRE	

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. The capital funds include the land, buildings, furniture and equipment owned by the University and investments held for future capital purposes.

Restricted funds account for monies received for research, non-credit programs, and for specific purposes other than those designated for capital and operating funds. Some donations are in the form of endowments from which only the income earned is expendable for the specific purposes designated; other donations are fully expendable for specified purposes. The assets consist of investments held for endowments, and other cash and investments.

c) Donation pledges receivable

Donations are recorded as revenue on a cash basis. Pledges receivable are not set up as assets in the accompanying financial statements. Pledged donations to the University amounted to

approximately \$791,000 at April 30, 1989, and are expected to be received over the following five years to 1994. Various restrictions may be placed on the use of such donations, dependent upon the donor's requests.

d) Student academic fees

Tuition and other academic fees for credit courses are recorded as revenue on the accrual basis of accounting. All fees which become due for an academic term which occurs within the fiscal year are included as operating revenue. Fees billed or collected which relate to academic terms commencing after the end of the fiscal year are included in deferred income.

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

e) Investments

Investments are recorded in the accounts at market value. Unrealized gains (losses) on investments held at the end of the year are included in investment income.

Under the investment policy of the University, the funds available for investment from operating funds, capital funds, expendable funds and most endowed funds are accounted for on a pooled basis. The majority of these investments are managed by external fund managers.

Investment income for externally managed pooled funds is recognized by the University based on its pro-rata share of the income of the funds.

The allocation of investment income to the various funds is based on rates determined by the Board of Governors except that the allocation to the unappropriated operating fund is fixed and approved each year during the annual budgeting process. For 1989, the amount allocated to the unappropriated operating fund was \$ 1,850,000 (1988 - \$ 1,695,000).

f) Inventory valuation

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

g) 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 is 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.

h) Works of art

The University of Western Ontario maintains a collection of 1,258 works of art that has an estimated value of \$ 1,862,000. During the year ended April 30, 1989, these assets have been added to fixed assets and equity in fixed assets. During the year ended April 30, 1989, the University acquired 40 paintings. Thirteen of these were donated with a total appraised value of \$ 36,000 and 27 were purchased for \$ 79,000, from funds restricted for art acquisition.

i) 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

During the year the University changed its method of accounting for investments from a cost basis to a market value basis. The 1988 comparative amounts have been restated to reflect this change. The effect of this change was to increase investments and undistributed

investment income as reported in the restricted fund balance sheet by \$ 4,821,000 at April 30, 1989 and by \$ 281,000 at April 30, 1988.

The market values and book values of investments at April 30, 1989 and 1988 were:

	1989			1988		
	MARKET VALUE	BOOK VALUE	UNREALIZED GAINS (LOSSES)	MARKET VALUE	BOOK VALUE	UNREALIZED GAINS (LOSSES)
SHORT-TERM NOTES	\$ 27,981,000	\$ 27,981,000	0	\$ 23,691,000	\$ 23,691,000	0
BONDS AND DEBENTURES	32,302,000	32,103,000	199,000	22,691,000	23,223,000	(532,000)
PREFERRED AND COMMON STOCKS	<u>42,517,000</u>	<u>37,895,000</u>	<u>4,622,000</u>	<u>35,778,000</u>	<u>34,965,000</u>	<u>813,000</u>
	<u>\$ 102,800,000</u>	<u>\$ 97,979,000</u>	<u>\$ 4,821,000</u>	<u>\$ 82,160,000</u>	<u>\$ 81,879,000</u>	<u>\$ 281,000</u>

Investment income has increased by \$ 4,540,000 in 1989 and has decreased by \$ 3,453,000 in 1988 as a result of this change in accounting policy.

Investment income consists of the following:

	1989 (\$ 000)	1988 (\$ 000)
INTEREST, DIVIDENDS AND REALIZED GAINS (LOSSES)	\$ 6,319	\$ 2,277
UNREALIZED GAINS (LOSSES)	4,540	(3,453)
	<u>\$ 10,859</u>	<u>\$ (1,176)</u>

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. Internal loans of this nature occur when it is advantageous for the University to use its own cash resources rather than borrowing or leasing

from outside parties. 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. Amortization amounted to \$ 664,000 in 1989 (1988 - \$ 622,000).

4. FIXED ASSETS

Fixed assets consist of the following:

	1989 (\$ 000)	1988 (\$ 000)
FURNITURE, APPARATUS, EQUIPMENT AND LIBRARY BOOKS	\$ 195,252	\$ 182,055
BUILDINGS AND INSTALLED EQUIPMENT	167,518	164,987
LAND AND IMPROVEMENTS	4,978	4,888
	<u>\$ 367,748</u>	<u>\$ 351,930</u>

5. LONG TERM DEBT

Long term debt consists of:

	1989 (\$ 000)	1988 (\$ 000)
A) MORTGAGES PAYABLE TO CANADA MORTGAGE AND HOUSING CORPORATION:		
i) DELAWARE HALL	\$ 1,695	\$ 1,735
ii) PLATT'S LANE ESTATES	8,596	8,612
B) MORTGAGES PAYABLE TO ONTARIO STUDENT HOUSING (CORPORATION):		
GLENMORE COMPLEX	7,223	7,298
C) PROMISSORY NOTE PAYABLE - ALUMNI HOUSE	1,956	2,084
D) NOTE PAYABLE TO FOUNDATION WESTERN	2,000	2,000
E) TERM BANK LOAN - SPENCER HALL FOUNDATION	408	438
F) LEASE PAYABLE	<u>3,098</u>	<u>3,458</u>
	<u>\$ 24,976</u>	<u>\$ 25,625</u>

6. FUNDS APPROPRIATED FOR SPECIFIC PURPOSES

The appropriation of funds for specific purposes reflects the application of the Board of Governor's policy as follows:

i) Reserve for departmental expenses budgeted for but not expended - to encourage the proper timing and purpose of expenditures, the University has in place a flexible budgeting program which allows operating budget units to defer expenditures, generally up to a maximum of 2% of budget for the year, and to carry forward this amount to the subsequent year.

ii) Reserve for the replacement of assets - in addition to the reserve for departmental expenses referred to above, the University annually reserves other portions of fund balances for future use by means of appropriations.

iii) Reserve for self insurance - it is the University's policy to maintain adequate third party insurance. In addition, the reserve for self insurance represents funds set aside for future use against uninsured losses.

7. PENSION PLANS

The actuarial valuations at December 31, 1988 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 and accordingly, there is no expense for past service pension costs in the 1989 financial statements.

8. ACCESSIBILITY FUNDING

In April 1987 the Province of Ontario committed to an additional operating grant for students enrolled in the 1987-88 year in excess of the numbers enrolled in the 1986-87 year. This grant amounted to \$ 2,168,000 and was paid to the University during the year ending April 30, 1989 and is reflected in its 1989 operating statement. The grant with respect to enrollment increases for both 1988-1989 and 1987-88 is estimated to be \$ 4,700,000 and will be reflected in the University's 1990 operating statement.

9. COMPUTER RECOVERY

During the year, technical support for a computer system was removed by the supplier. Under the terms of the contract, the total cost of the computer of \$ 1,492,000 was returned to the University of which \$ 932,000 related to funds expended in 1988. The cost of the computer has been relieved from fixed assets and equity in fixed assets. Negotiations are underway on the return of the computer.

10. MEDICAL TRUST FUNDS

Under an arrangement with the University and various teaching hospitals, physicians in the Faculty of Medicine may earn, within certain limits, professional fees in addition to the salaries they receive from the University. Any professional fees received by the physicians in excess of these limits (i.e. overage) are transferred to the University as contributions for scientific research.

The contract governing this arrangement is currently under review, which review process was not finalized as of April 30, 1989. In the interim, some physicians have chosen to hold the overages at a financial institution other than the one designated by the University. In these circumstances, no amount has been recorded in the University's accounts regarding these overages.

11. LEGAL MATTERS

The University is involved from time to time in litigation which arises in the normal course of operations. The University's policy is to recognize losses on any such litigation at such time as the outcome becomes reasonably determinable. In the administration's judgment no material exposure exists on the eventual settlement of any such litigation, and accordingly, no provision has been made in the accompanying financial statements.

12. CAPITAL COMMITMENTS

The estimated cost to complete capital projects in progress at April 30, 1989 is approximately \$ 48,046,000 (1988 - \$ 2,775,000).

13. CANADIAN UNIVERSITIES RECIPROCAL INSURANCE EXCHANGE

During 1988, The University of Western Ontario became a member of the Canadian Universities Reciprocal Insurance Exchange (CURIE) for a period of five years. CURIE pools the property damage and public liability insurance risks of its members. All members pay annual deposit premiums which are actuarially determined and are subject to further assessment in the event members' premiums are insufficient to cover losses and expenses. No additional assessment has been made for the current year.

14. COMPARATIVE AMOUNTS

The 1988 comparative amounts have been reclassified to conform with the method of presentation adopted in 1989.

(MSc/PhD), Psychology (MA/PhD) and Zoology (MSc/PhD).

The quality of graduate studies is also ensured by the rigorous review of nominations for membership in the Faculty of Graduate Studies. In the last year 84 faculty members were approved for initial membership and 96 faculty members had their membership renewed for a further five-year period.

During the year a number of joint ventures were undertaken with the Society of Graduate Students (SOGS) to enhance the scholarly environment and to promote excellence in graduate studies and research. These include the second Graduate Research Day, the Excellence in Teaching Awards, and the publication of a new journal, *The Western Journal for Graduate Research*.

Faculty of Law

Last year several faculty members continued long term, externally-funded studies on drug and alcohol abuse, the effect of the Charter of Rights on the criminal system, and tax reform. A number of legal treatises of value to the judiciary, the practicing bar, and the legal academics were published.

The National Tax Centre brought in as distinguished visitors outstanding tax academics from Australia, Great Britain and Canada. Our tax professors acted as consultants to the Canadian and Australian governments on the issues of tax reform and international taxation.

The Canada-U.S. law institute continued its student exchange program with Case Western University in Cleveland and the Law with French program embarked on its tenth year of student exchanges with Laval University.

One member of faculty continued to be the driving force

behind the organization, Commonwealth Association for Education in Journalism and Communication. The association organized a tour to South Africa, for a group of journalists, to see first-hand the evidence of South Africa's aggression against its neighbours. The annual general meeting of the Association will be held in India in 1990 at which time a major conference will be held for Indian journalism educators. The association continues to publish an academic journal and a newsletter.

The faculty, in conjunction with the Graduate School of Journalism, also continued to conduct its annual two-week course on law for journalists and attracted journalists, editors, and radio and TV personnel from across the country.

The *Review of International Business Law* is in its second successful year of publication.



The *Canadian Journal of Law and Jurisprudence* with support from the Department of Philosophy, is in its second year of publication. The Journal concerns itself with theoretical and interdisciplinary bases of law. A third journal housed in the faculty is the *Family Law Quarterly*, which is a national journal focusing on topics of relevance to family law practitioners and academics.

Faculty of Medicine

The Faculty of Medicine, like many other faculties, is continuing to respond to new challenges and growing responsibilities in the face of serious resource constraints. In contrast to other parts of the University, the medical school is confronted with special problems because its complex mission involves a major commitment to the provision of clinical service to meet education and research objectives, and to the provision of educational services in the basic health sciences to many other faculties.

A major part of the core undertaking of the faculty is conducted in teaching hospitals and related facilities. Since teaching hospitals are also operating under serious resource constraints, the medical school finds itself at the nexus of all the contemporary economic forces being brought to bear on both systems of higher education and health care. These economic forces, coupled with demographic changes, changing patterns of disease, rising public expectations, and advances in biomedical science and technology, constitute the broad context in which the Dean, Associate/Assistant Deans, and Departmental Chairmen now function.

The ability of the Faculty of Medicine to adapt to dwindling operating revenues and yet to flourish in certain respects, is not fortuitous. Rather, it is the result of a concerted plan to build up faculty activities, both quantitatively and qualitatively, by attracting increased levels of funding from sources other than the University operating budget. The success of these efforts is reflected in external research grant support of \$24 million. Moreover, the affiliated teaching hospitals and faculty members in clinical departments contributed more than \$5 million

toward research and academic development from revenues derived from clinical services. The impact of the growing disparity between internal and external financial support of the faculty is an increasing imbalance between the time faculty members spend on academic activities, and time spent on clinical services.

As might be expected, shortage of revenue has created serious problems throughout most departments, namely: recruitment of new scholars and the ability to build them into the fabric of academic medicine is hampered; equipment required for teaching and research is below the optimal, and much of it needs to be repaired or replaced (in addition, the scale of equipment required for advanced research has exceeded the capacity of existing resources and facilities); operating funds for supplies, materials, support personnel, travel and information processing, are inadequate to meet the needs for teaching and research in all departments; space in the Medical and Dental Sciences Building for teaching and research is outdated and badly in need of renovation; and the clinical professoriate is increasingly being called upon to provide support for academic functions from clinical service income, with a resulting change in their relative priorities and commitment. A Task Force has been appointed by the Minister of Health of Ontario to examine the staffing and funding of clinical academic units.

Remarkably, the faculty has met its responsibilities for medical undergraduate and postgraduate clinical education, undergraduate education of other health professions, and graduate education in the basic health sciences, and has continued to remain at the cutting edge of research and development in many

fields. This was accomplished with strong support from affiliated hospitals and research institutes, including the Robarts Research Institute, the Lawson Research Institute, and the Child Health Research Institute.

Among the salient accomplishments of the faculty were modification of the undergraduate medical curriculum, with the introduction of problem-based learning; accreditation of the postgraduate clinical training programs by the Royal College of Physicians and Surgeons of Canada and the Canadian College of Family Practice; the development of a graduate program in the neurosciences; the opening of the Molecular Biology Laboratory in space occupied previously by the Cancer Research Laboratory; completion of the Centre for Activity and Ageing at Mount St. Joseph's; and expansion of the laboratories for cancer research at the London Regional Cancer Centre.

Other notable achievements were the award of a major grant by the Medical Research Council to the Research Group in Fetal and Neonatal Health and Development at the Lawson Research Institute; by the Ontario Ministry of Health to the Thames Valley Family Practice Research Unit in the Centre for Studies in Family Medicine, and by the Ontario Ministry of Community and Social Services to the Centre for Developmental Disabilities. The Research Group in Medical Imaging in the Department of Diagnostic Radiology and Nuclear Medicine has thrived at the Robarts Research Institute. The faculty continues to work closely with the City of London and the Chamber of Commerce in the development of the conference centre and the promotion of medical technology transfer to industry.

Faculty of Music

At the centre of the Faculty of Music's mission is the informed treatment of music: performing it, effectively teaching it, and thinking or writing about it in scholarly ways. Areas of special excellence include the study of 18th-century music, the theory of late-and post-tonal music, and the preparation of music educators. The faculty's first PhD graduate received her degree in Systematic Musicology; and, for his work in composition, Prof Peter Paul Koprowski received the Governor-General's award, the Jules Legere Prize.

During the 18th and early 19th centuries, the chief source for serious opera libretti was the works of Pietro Metastasio. The Music History department has begun the task of locating and assembling copies of all extant manuscripts and printed materials here under the title of the *Metastasio Collection*, which will make The University of Western Ontario the North American centre for Metastasian research.

Ongoing research into the Milanese rite of the Christian church, important from the earliest times through the 13th century, has resulted this year in two



monographs and a book, co-authored by a member of the Music History department and an alumnus now at the University of Ottawa.

SMUWO (*Studies in Music From the University of Western Ontario*), an annual peer-reviewed journal,

has expanded from being a publisher of articles to producing its first monograph, updating the Music Library's Opera Catalogue (2,200 volumes, primarily rare manuscripts of early operas), and producing the first critical edition of Boccherini string quartets in score.

In collaboration with the University of British Columbia and Simon Fraser University, Western published and edited the 1988 proceedings of the International Society for Music Education's research commission symposium, held in 1988 at ISME's 18th World Congress in Australia.

The "Kodaly method" of music education, developed by Hungarian composer Zoltan Kodaly and his colleagues in the 1940s and 1950s, has had a major effect on music teaching throughout the world. In co-operation with the Faculty of Part-Time and Continuing Education, the Department of Music Education developed a three-year Kodaly Summer Program, taught by leading Kodaly specialists from Canada, the United States and Hungary. In its first year of operation, demand surpassed all expectations, and enrolment had to be limited to 60 music specialists from across Canada.

Technological developments based on digital electronics, and specifically MIDI (Musical Instrument Digital Interface), are radically changing the way in which music is created, performed and perceived. Two recent installations give Western an opportunity for a leading role in the teaching of advanced music technology. The Electronic Percussion Teaching Studio is the most complete digital percussion system in a Canadian university; and the MIDI Instruction Unit, just expanded, provides a complete MIDI environment for students of Music Education.

In co-operation with the London Board of Education, the Department

of Music Education launched a program in which large numbers of senior undergraduate music education majors were permitted to observe and work with experienced music teachers in the classroom over an extended period of time.

Over 175 concerts were presented during the year by guest artists, faculty members, student ensembles, or by students. Two concert series continued to attract large audiences. The weekly "Fridays at Noon" featured faculty and guest performers and lecturers as well as student choirs. "Five at Three", a series of five Sunday afternoon chamber music concerts, played to consistently full houses.

Among the many distinguished performers who visited the Faculty were classical guitarists Stepan Rak and Jose Luis Valle (Chuscales), clarinetist Tom Ridenour, singer Lois Marshall and pianists Mary Kenedi and Walter Prossnitz.

Faculty of Nursing

The faculty has strengthened its research activities. We are dedicated to increasing our publication rate and competing successfully in obtaining external research funds. The number of faculty and graduate student papers accepted for major provincial, national and international research conferences and publications in major refereed journals has increased exponentially.

In the field of maternal and child health, faculty researchers hope to acquire a better understanding of the effects of illness, pain and hospitalization on children as well as their parents and siblings. The process of managing chronic illness by families and their quality of life under such circumstances is an important area of study. In the obstetrical area we have a faculty member studying the labour and delivery experience as perceived by patients and nurses.

Another major field of interest among faculty is gerontology. We are concerned with issues such as: health promotion in the elderly; therapeutic potential of life history for institutionalized elderly; the influence of psychosocial factors on certain behaviors among elderly



women; issues and needs related to maintaining the elderly in their home; and the coping strategies and concerns among caregivers of the elderly. A research consortium has been formed of clinical and academically based nurses for the study of care of the elderly. We also have a faculty member engaged in research on the problem of incontinence among elderly women; its prevention and treatment.

The most prominent interest in mental health is a study of ethical issues encountered in psychiatric care settings. Among the specific areas in community health being researched by faculty are the following: how children cope with problems of taking responsibility; the effectiveness of AIDS teaching in the schools; health beliefs and practices of ethnic groups in London; and health status and lifestyle practices of the elderly in the downtown London core.

A research consortium has also been formed to cross academic and service areas in the field of oncology. Efforts are being directed towards a better understanding of symptom management in chemotherapy treatment and in

problem identification in caring for patients with terminal cancer.

Several faculty have research interests in teaching/learning in nursing and in administration of nursing services. These are the areas of concentration in our graduate program. Distance education in programs in nursing; job satisfaction in hospital settings; the transition from student to practitioner; useful criteria in patient selection for nursing students; communication skills among nurses; occupational stress among nursing faculty; the use of experiential teaching methods in clinical teaching; learning styles of students nurses towards theory-based nursing and new uses of computers as a teaching tool are examples of present research.

The faculty has appointed its first Career Scientist supported by The Ministry of Health of Ontario. She is studying quality of life issues among persons with long-term illness such as rheumatoid arthritis. A Nursing Research Centre with state-of-the-art computer systems has been developed.

A teaching/learning laboratory containing eight ICON computers for clinical problem solving is also ready for networking/group problem solving assignments.

A member of the new UWO Nursing Honor Society, Iota Omicron Chapter of Sigma Theta Tau, has been selected to receive the Mary Tolle Wright Founders Award for Leadership at the international meeting in Indianapolis in November 1989. The recipient is Dr. Helen Glass who received an Honorary Doctorate from UWO in 1986.

We are once again indebted to our clinical colleagues in the hospital and agencies of London and environs for their continued support, contribution and cooperation.

Faculty of Part- Time and Continuing Education

Fulfilling its mission as a community outreach arm of the University, the Faculty of Part-Time and Continuing Education continued to enhance its presence in London and Southwestern Ontario through innovative programs, research and joint ventures.

As part of a national project on industry-university relations through the Canadian Association for University Continuing Education (CAUCE), the faculty held a one-day university-industry consultation to discuss learning needs and objectives with representatives of the private and public sector. The faculty outlined its plans for ongoing consultation with the community and its ability to provide quality education in an accessible format.

To evaluate its overall service and potential clientele, the faculty hired a consultant to prepare an analysis of its marketing efforts and to recommend future strategies. As a result of this research, the faculty unified its visual image in publications, and is refining its communications strategies.

To coordinate the faculty's efforts to serve students at a



distance through a variety of media, the faculty appointed a mediated learning coordinator, Dr. Mary Pritchard. Her responsibility will be to develop further the correspondence program--whose

enrolment increased by 13 percent, from 1,460 in 1987-88 to 1,650 in 1988-89--as well as courses delivered by electronic technology. To complement this effort, a technical services supervisor was hired to manage and improve the faculty's information and instructional technology.

The faculty played an instrumental role in developing a collaborative proposal with the community of Owen Sound for the creation of a program of education and collegial communication in the arts: the Canadian Centre for the Arts at Owen Sound. Ninety percent of artists responding to a survey expressed interest in participating, and the first offerings of the centre have been scheduled for the summer of 1990.

Enrolments in the professional and personal development programs of non-degree offerings rose by 20 percent from 5,000 to 6,000 registrations. Courses aimed at personal development were the prime component of the increase, reflecting an increased recognition of the value of the faculty's role in making the University's intellectual and cultural resources accessible to the public. Such courses as "The New North American Political Landscape" and "A Guide to the Great Composers" were especially well received.

The professional development needs of varied constituencies were increasingly met by direct contract arrangements. The Ministry of Community and Social Services contracted an annual conference, a strategic planning seminar and a community planning seminar for professionals who work with the frail elderly. The Ministry of Citizenship renewed its contract for the cultural interpreter training program, and funded a new service which will employ the graduates of the training program. The high quality of the collaborative

programming was recognized by a 1989 CAUCE Award of Excellence for the conference on "Alzheimer Disease and Related Dementias."

The language learning division held the second session of the Summer Intensive Japanese program funded by the Japan Foundation, and introduced a new and highly successful French immersion week for adults, funded by the Secretary of State. The Secretary of State also funded a project in curriculum development for non-degree French.

A new winter session was established in the Trois-Pistoles French Immersion School, prompted by the continued success of the summer program. The winter program is targeted at students graduating from semestered secondary schools in January. Two special programs for American employees of United Parcel Service were launched in Trois-Pistoles in the spring to help in establishing their new Quebec operation.

Recognizing the need for second language instruction in conjunction with employment and/or study, the faculty provided a cultural and linguistic orientation program for visiting scholars from China in the School of Business Administration, and continued a contract with the Public Service Commission to provide French instruction for federal civil servants in London. A study to determine the future direction of the English As A Second Language programs was also launched.

The faculty introduced three new certificate programs in Applied Women's Studies, Health Promotion and Education (whose development was founded by the Max Bell Foundation), and the Prevention of Early School Failure. The Certificate in Second Language Teaching accepted its first students in September 1988, and the Diploma

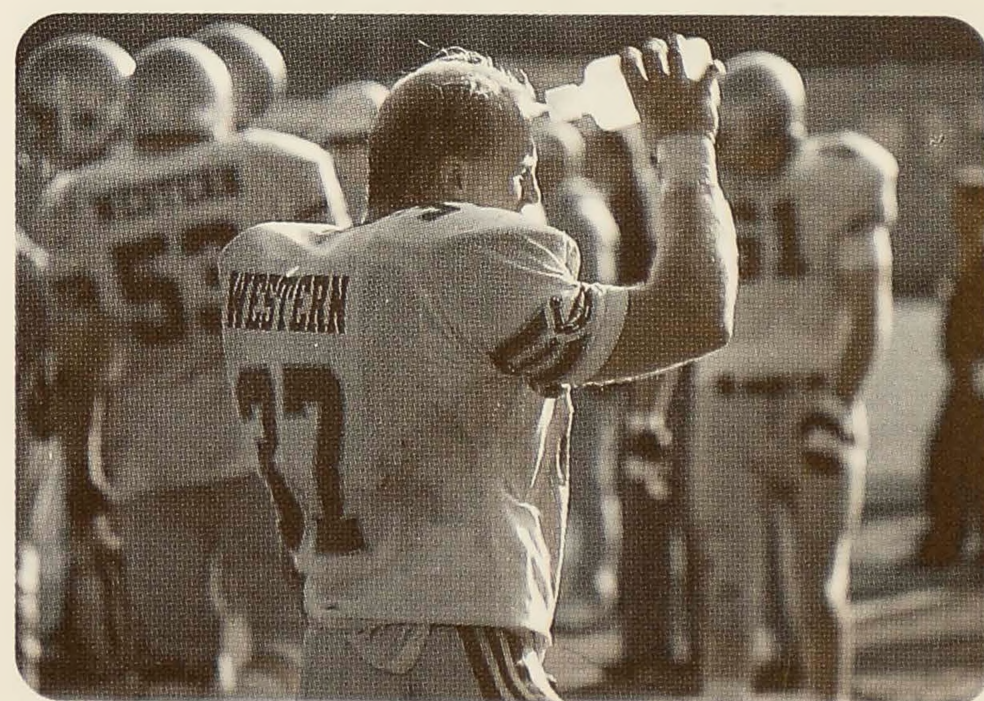
in Art Therapy continued to attract students from a wide variety of disciplines.

Faculty of Physical Education

The faculty is divided into four programs: undergraduate, graduate, campus recreation and intercollegiate athletics. The undergraduate program still boasts the largest student enrolment in Physical Education in Canada. The graduate program currently houses some 47 M.A and 13 Ph.D students and is the second largest in Canada. Campus recreation caters to nearly 13,000 students daily in organized recreation and intramural programs. The athletics program celebrated another banner year, winning some 13 OUAA and OWIAA championships, as well as being represented in the CIAU championships in football, basketball, wrestling, track & field, with the women's team winning the CIAU Championship in cross country. Sport and recreation services continued to meet the needs of the locker rooms and ticket sales. The Dr. J.C. Kennedy Athletics Injuries Clinic has undergone administrative revisions and caters to the diagnostic and therapeutic needs of athletes from intercollegiate athletics, campus recreation, City of London programs and referrals from Sport Canada. The UWO Senate passed bills which created two new centres for international study within the faculty. The Centre for Activity and Ageing is a joint venture with the Faculty of Medicine and St. Joseph's Health Centre. The centre moved into some 6,000 sq. ft. of facilities at Mount St. Joseph's Academy in January of 1989. The first director is Dr. Peter A. Rechnitzer, and the laboratory and research directors are Dr. Donald H. Paterson and Dr. David A. Cunningham, respectively. Mrs. Nancy A. Ecclestone is coordinator of the outreach

program which caters to the needs of more than 250 senior citizens in London and district. The Centre for Olympic Studies will temporarily be housed in Somerville House until the Thames Hall addition is completed. Dr. Robert K. Barney has been appointed as the first director. Some 17 departments and faculties on campus will be involved with the centre and will investigate such areas as ethics in sport, the role of music in the Olympic games and the history of the Olympic movement.

The faculty received several very important donations for alterations to Thames Hall, Alumni Hall athletic facilities, and J.W. Little Stadium, student assistance and support of the centres and research programs, from the Murphy, Ford, Rechnitzer and Rich families. Once again, the faculty received more than one million dollars in external grants and contributions. Faculty members produced more than 100 publications and presented more than 50 papers to learned societies. Exchange agreements were with the Institute of Physical Education in Beijing, Peoples' Republic of China (one professor and one graduate student), the University of Copenhagen (one graduate



student), and Footscray Institute of Technology (Physical Education) in Melbourne, Australia (three Australian students and three UWO students). Ultimately, the success of our faculty rests with the quality of faculty and staff. This year the

following awards were received: Dr. Earle F. Zeigler, Hetherington award (the top honor from the American Academy of Physical Education); Dr. Robert K. Barney elected President of the North American Society for Sport History; Marilyn J. Brewster, Canadian representative to the North American Athletic Business Managers' Association; Andy J. Biemans and Earle F. Zeigler were also inducted into the Faculty Long Service Club; Robert F. Walsh as member of the paramedical team to the Commonwealth Games; R.J. Vigars elected CIAU coach of the year; Dr. Peter J. Fowler, head of medical team to the Seoul Olympic games, and Brian P. Gastaldi, Garry P. Lapenskie, both appointed to the medical team to the Seoul Olympic games.

Faculty of Science

This year the faculty has undertaken a serious review of its future

priorities. To succeed in a situation of budgetary constraints and move to increasing selectivity within the granting councils, it is necessary that we focus on areas where we are excellent and areas where we must do better.

Our major conclusions were:

(a) We must develop strength in the environmental sciences. There is great talent in science and in related faculties and this talent must be integrated to attack the urgent and hard interdisciplinary aspects of environmental science. We need more effective integration both in the teaching and research related to the local and global environment. A new collaborative graduate program is being planned which we hope will be launched in 1989.

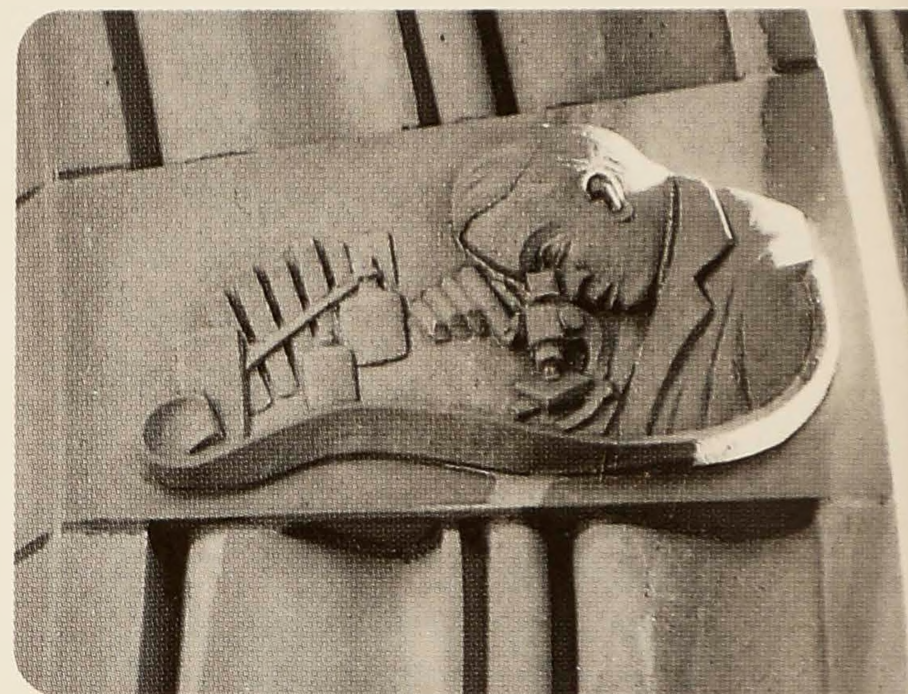
(b) To strengthen our undergraduate programs we are involved in a massive re-equipping of offerings in analytical chemistry. For decades, this classic area of

chemistry has been in decline. But the needs for improved training in this core area are clear. Man releases over 50,000 "strange" new chemicals into our environment and their analysis is complicated. In developing this area we have had strong support from the chemical industry, the Ontario Ministry of the Environment and, particularly, help with instruments from the Varian Corporation. Following meetings with the Ontario Ministry, Dean Fyfe has been asked to form a task force to plan an observatory for Northern Studies, an observatory which will operate across Ontario to the Arctic Ocean. Our new field station, Environmental Sciences Western, has celebrated its first birthday and will play a valuable part in training our undergraduates and building bridges with local groups.

(c) The physics-chemistry-biology of surfaces and interfaces holds the key to the understanding of a host of problems of great importance in a host of areas: the destruction of Arctic ozone on particulates in the atmosphere; the influence of acid rain on plants and soils; the growth of a new material from the vapour phase; and the interactions of a toxic substance with the living cell. In science, we have built one of the best laboratories in North America for such studies and we receive more than two million dollars per year in research grants. But we must not relax. New techniques are exploding and we must stay in this vital field of science. Faculty members from chemistry, physics, biology and geology are involved and are doing frontier research.

(d) There is, perhaps, no field of modern science where new developments are leading to discoveries with vast impact on us all, than that of modern molecular biology and molecular genetics. Through collaborative programs with our Faculty of Medicine, we

are endeavouring to strengthen our research and teaching in this area. We hope that, within a year, we will launch new collaborative graduate programs in both molecular biology and molecular genetics. Science will soon have six new laboratories and new, young, faculty in this



area. Biotechnology is developing new organisms, new knowledge of disease, new chemicals for the treatment of diseases as never before, and on the horizon are developments that are simply mind-boggling. Again, the new research involves a wide range of expertise from pure mathematics (biotopology) to computer modelling of complex molecules and their interactions.

(e) We are very concerned with the declining interest of our young people in science. These concerns are expressed daily, in the leading scientific journals of North America. Why, at a time of fantastic discoveries from outer space to genetics to materials, is the interest of young people declining? There are predictions of huge shortages of scientists in the next decades. How can Canada compete in the 2000s if we do not have the skilled people we will need?

But the roots of this problem go deep and into our schools at all levels. Science has formed a task force of teachers, educators, and scientists to study this problem. A proposal for a new degree structure, targeted at teacher training, has been formulated. It is

designed to produce a more scientifically literate teacher for the future. The proposal is now being sent out to educators and teachers, at all levels, for their advice. We hope to launch this new program by 1991. But the proposal will be of value for many others involved with science in fields such as journalism, business, or re-training and adult education. It is interesting that a new form of illiteracy has surfaced, those who fear and do not understand the modern computer.

We face a harsh budget situation. Maintaining the undergraduate laboratories at state-of-the-art is difficult. This year, we will make massive improvements in Chemistry and Computer Science. However, without the external funding from research grants, we would be in deep trouble. The faculty, with tremendous effort, has done well. Science funding, at a level of \$7.7 million in 1986, has risen to \$8.8 million in 1988. Given the competition, we can be a little proud, but we must continue to be on guard. The external image of our faculty, the image that attracts the best young people, depends heavily on our standing in research.

Ultimately, a great university is built on a great and dedicated faculty. This year, significant external and internal recognition was shown by:

Dr. A.E. Beck and Dr. R.R. Mereu, of Geophysics, played a major role in the Canadian Lithoprobe project, the largest integrated Earth Sciences project in Canada.

Dr. W.G.E. Caldwell, Vice-President Research and Professor of Geology, received the J. Willis Ambrose Medal of the Geological Association of Canada.

Dr. A.K. Dewdney, Computer Science, continues to write the Computer Science section of

Scientific American, one of the most influential journals in the world.

Professor Emeritus, A. Dreimanis, Geology, received the prestigious Albrecht Penk Medal from the German Quaternary Association for his work on phenomena related to ice ages.

Dr. W.S. Fyfe became a Companion of the Order of Canada for work related to the global environment. He also received the Arthur Holmes Medal of the European Union of Geosciences.

Dr. D.F. Gray, Astronomy, was elected president of the group of the International Astronomical Union dealing with stellar atmospheres.

Dr. W.S. Hopkins, Plant Sciences, was awarded the Edward G. Pleva Award for Excellence in Teaching.

Dr. N.P.A. Huner, Plant Sciences, was awarded the Florence Bucke Prize by the Faculty of Science for his work on the understanding of frost resistant plants.

Dr. R.M. Kane, Chairman of Mathematics, was appointed Chairman of the Canadian Mathematical Society Research Committee.

Dr. J.D. Landstreet, Astronomy, was appointed a Faculty of Science research professor for his work on stars.

Dr. D.G. Leaist, Chemistry, won the prestigious Lash Miller Award of the Electrochemical Society.

Dr. M. Locke, Zoology, was awarded the International Gold Medal for Insect Development and Morphology, presented by Pergamon Press from the editors of the Journal of Insect Morphology and Embryology, and a prestigious Killam Fellowship.

Dr. F.J. Longstaffe, Geology, an expert in isotope science, was appointed a Faculty of Science research professor for his work related to Canadian fuel resources.

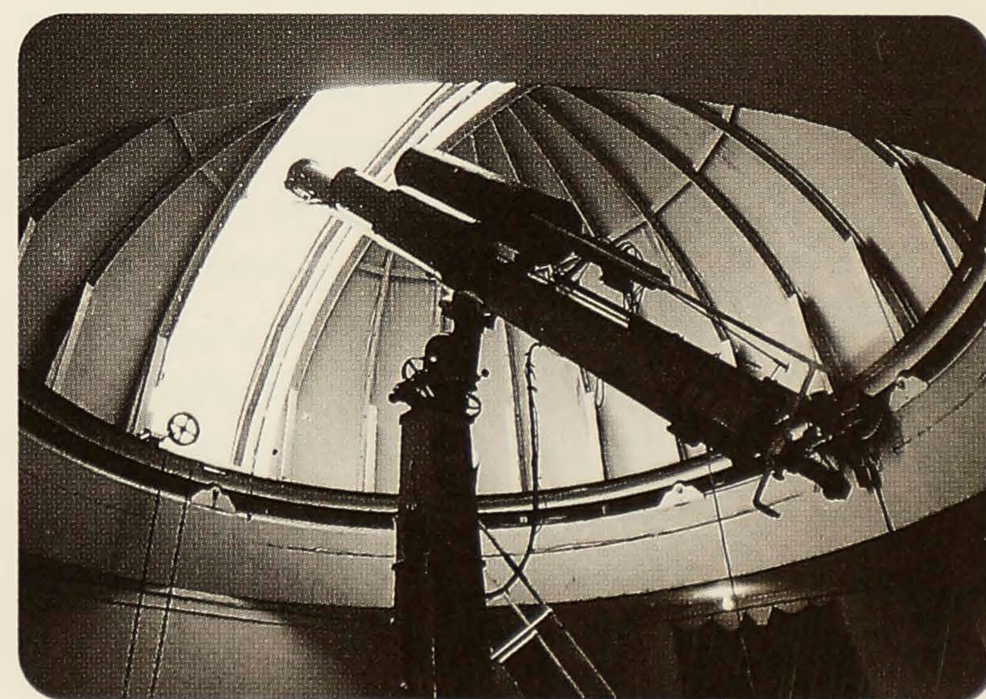
Dr. J. Steele, Zoology, was appointed a honorary professor at Jiangxi University in China.

Dr. T. Steele, a Western Ph.D. of 1988 in Applied Mathematics, received the Polanyi Prize. Dr. Steele is now a NSERC post-doctoral fellow at the University of Waterloo.

Dr. J.P. Wiebe, Zoology, was awarded the James Chair (Visiting) at St. Francis Xavier University.

Faculty of Social Science

The Faculty of Social Science has continued to grow in the numbers of students registering in its programs. Full time undergraduate enrolment increased by almost five percent over the preceding year, with 1988/89 being the third consecutive year of appreciable growth. The total number of Social Science course registrants also increased in 1988/89 with more than 31,000 students taking courses in the faculty, representing an 8.2 percent increase from the previous year. In spite of the very heavy teaching demands such an influx of students places on professors, the faculty has not lightened its expectation that teaching excellence will prevail, nor have the professors relaxed their commitment to



excellence. A visible demonstration of this was provided by Prof William A. Fisher (Psychology). Prof Fisher was given one of 13 teaching awards granted in 1988/89 by the Ontario Confederation of Faculty Associations. Prof Fisher was also

one of three recipients of the Edward G. Pleva Award for Excellence in Teaching given by the University Senate.

The diversity of disciplines within the faculty is such that no single measure of research productivity does justice to all departments. Some disciplines normally do not require infusion of great numbers of dollars to do first class research. In others, research expenditures can be considerable, hence monies obtained in external grant competitions comprise a mark of research achievement. Having stipulated this, it is a source of pride for the faculty to report that in 1988/89, its research expenditures exceeded \$3.5 million, a figure that represents a very slight increase over research spending in the previous year. External funding was obtained from all three of the federal granting councils as well as the National Health Research Development Program of Health and Welfare Canada, and from a variety of other national, provincial, international agencies and private foundations.

The greater teaching loads for professors did not have a negative impact on publications either, as members of the faculty published more than 440 papers, reviews, reports and books in 1988/89. Three departments were outstanding in the numbers of books published, with Political Science contributing three, Psychology contributing six, and History contributing seven books to the total of 21 from the faculty. Professor Peter Neary's book, *Newfoundland in the North Atlantic World, 1929-1949*, in particular deserves mention, as its quality ensured its nomination for the Trillium Award of the Government of Ontario, and it was a runner-up for the J.A. Macdonald prize given by the Canadian Historical Association.

Research interests of the professoriate are also expressed through continuing activities of seven Type III and three Type II research centres in the faculty. Particularly noteworthy contributions were made this year by the Centre for the Study of International Economic Relations (CSIER), directed by Prof John Whalley (Economics), and the Centre for the Study of Health and Well Being (CSHWB), directed by Prof William Avison (Sociology). The CSIER published 14 reports in its Working Papers Series, continued its joint conferences with the University of Michigan, sponsored its annual conference in International Trade Theory and International Finance, and took part in several workshops and the Conference on Applied General Equilibrium that also involved the University of California (Los Angeles), and Stanford and Yale Universities. The Ford Foundation in New York was instrumental in supporting the CSIER project on Developing Countries and the Global Trading System, one of several international ventures in which the CSIER is engaged. Prof Avison, of the SCHWB was either director or co-director of research projects that were awarded more than \$550,000 in 1988/89. Approximately \$115,000 of this sum were spent within the year, and the remainder was marked for projects that continue beyond this year. The range of studies conducted by members of the CSHWB is worth noting. They encompass studies on mental health problems of Korean immigrants, the psychological impact of rheumatoid arthritis on patients with this disease, the effects of maternal depression on infant development, and reviews of the literature on the effects of parental mental health on children, and the impact of psychosocial

poverty on the mental health of children.

Last but not least in the array of endeavors distinguishing the faculty, are the special recognitions given its professors in 1988/89. Faculty research professorships which permit a year free from teaching and include a small research stipend were won by Frederick Armstrong (History), David Flaherty (History) and Richard Neufeld (Psychology). Prof Armstrong will examine the development and duration of elites in 19th-century emerging colonial societies, with a particular emphasis on data from Upper Canada. Prof Flaherty plans to complete a book on criminal justice in provincial Massachusetts (1692-1780). Prof Neufeld will also be working on a book, in his case on the role of stress in normal and abnormal behavior. Two members of the Department of Psychology, Prof Douglas Jackson and Prof Doreen Kimura were inducted as fellows of the Royal Society of Canada, bringing to four the number of individuals in Psychology who are members of Canada's most distinguished learned society.

The faculty remains committed to excellence in research and teaching, and holds dear the principle of academic freedom which carries with it the responsibility to ground research and teaching in an honest search for knowledge.

School of Business Admin- istration

The 1988-89 enrolment in the school's pre-business program continued to be strong despite the decrease in the University's first-year student admissions. The pre-business program provides roughly 40 percent of the University's freshmen with an introductory business base. Applications for

enrolment in our undergraduate and MBA program increased again in 1988-89. In January 1989 the undergraduate program successfully launched a new Information Technology conference. The conference was so successful plans are being made to hold it annually. The school also initiated an international exchange program for the undergraduate students. This is the first time the undergraduates will be able to participate in our already successful graduate student international exchange program. Efforts are being made to "globalize" our MBA program and in March 1989, the first "Going Global Week" was held. Regular classes for the MBA program were cancelled and a schedule of lectures, presentations, and case materials was introduced focusing on the importance of global issues in 1990. In addition to being exposed to the School's important thrust into globalization, the MBA students were introduced to training in ethical analysis during the 1988/89 academic year. This successful experiment, which consisted of a series of classes dealing with business ethics, will be continued next year. The Ph.D program continued to grow in 1988-89 increasing the number of its total graduates to 95. Enrolment for the 1989-90 academic year has been forecast at 41 candidates.

In the spring of 1989 the school committed itself to making executive education one of its core teaching programs. In 1989, two programs - The Senior University Administrators' Course and the London Conference - were discontinued as they no longer fit with the school's executive education strategy. The Western Executive Program (formerly the Management Training Course) was modified substantially and is now offered twice a year.

Under the leadership of the Director of the Centre for International Business Studies, Phase II of the China Project is now underway. The China Project is a joint venture linking Western and the University of Waterloo with three universities in China, Tsinghua, Dalian and the Nanjing Institute of Technology.

Research plays a vital role to our school's mission which is "to be at the forefront, world-wide in the education of general managers with a global perspective". During the 1988-89 the Business School faculty continued to produce a steady stream of research output. They wrote 11 books and monographs, published 60 journal articles, wrote 142 cases and made 85 public presentations.

New appointments to the faculty in 1988-89 included Allen Morrison (Business Policy), Tony Dimnik (Managerial Accounting and Control), Duncan Copeland (Management Science and Information Systems) and John Hullah (Marketing).

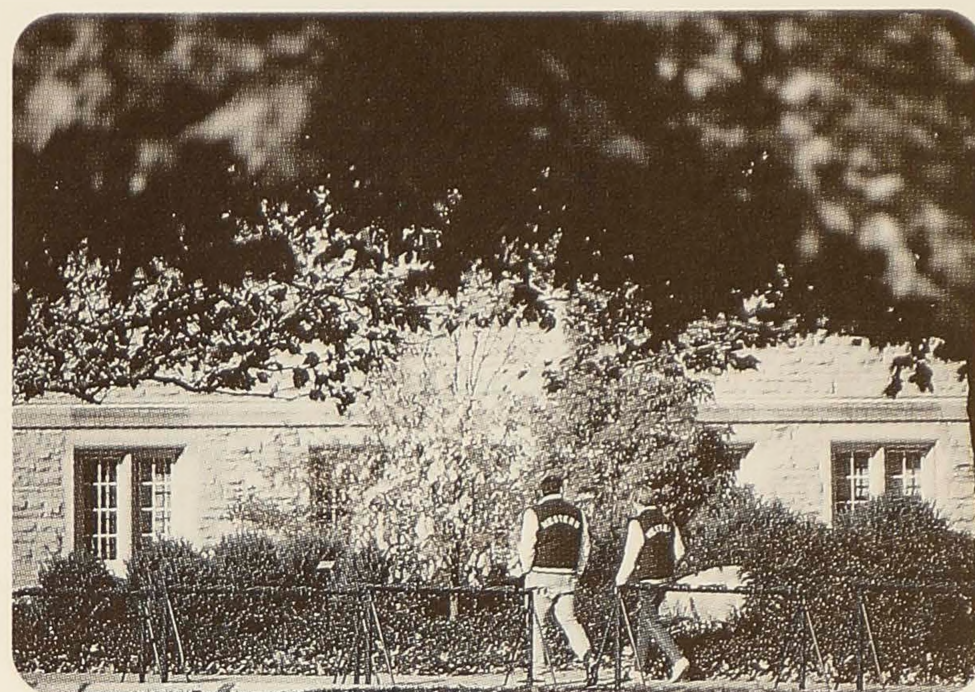
In January 1989, the J.J. Wettlaufer Distinguished Visitor Series was initiated. The series was created by alumni and friends of the school to honor Professor Emeritus John J. Wettlaufer. The inaugural speaker was Professor Warren Bennis of the University of Southern California.

Several of our faculty participated both in the organization and as invited speakers, at the Sixth World Productivity Congress which was held in Montreal in September 1988. This is the first time this conference has been held in Canada.

Mr. W. David Hopper, Senior Vice-President, Policy, Planning and Research at the World Bank in Washington was the speaker at the annual J.C. Taylor lecture. The lecture series has been funded by

alumni of the school in honor of Professor Emeritus James Coyne Taylor.

The National Centre for Management Research and Development at the Western Business School completed its second full year of operations in



1988-89. Currently six research programs involving approximately 40 persons located at Western, other Canadian universities, the government and private sector. The NCMRD has been very active disseminating research findings. We have conducted several research workshops and conferences throughout the year, distribute a working paper series and have published four books.

The School of Library and Information Science

The School of Library and Information Science continues to play a leadership role among the seven Canadian graduate programs in this field. Its cooperative (work/study) program and its trimester system are unique among accredited master's programs in both Canada and the United States. Although numbers fluctuate from term to term, enrolment was approximately 250 in total, with numbers about equally divided between full-time and part-time studies. A total of 136 graduated, with most obtaining employment in public, special, governmental, and academic libraries or in the information industry. The doctoral

program increased in size to 17, with three receiving doctoral fellowships from the Social Science and Humanities Research Council. One doctoral student graduated during the year.

SLIS exceeds the other Canadian schools of library and information science in amount of research funding received. Grants were obtained from the Ontario Ministry of Communications and Culture, the Canadian Law Information Council, the Social Sciences and Humanities Research Council, and the Natural Science and Engineering Research Council. Numbers of faculty publications, particularly in refereed journals, increased, and covered a wide variety of subjects: computer-aided abstracting and abstract display, legal information services in Ontario public libraries, an economic analysis of strategic information, information needs of battered women, public perceptions of librarians and library service, career development in Canadian librarianship, the role of the information analyst in scientific communication, structure of computer files and interfaces for information retrieval systems, information resources on laserdisk, professional communication in a library setting, multicultural services in the public library, and philosophies of interlending, among others.

In September, the school co-sponsored, along with the London Public Library and the Canadian Association of Large Public Libraries, the Second National Symposium on Library Education in Canada, which focused on education for public librarianship. In July, it played host to the second International Conference on Bibliometrics, Scientometrics, and Informetrics. In August, the five-day workshop on online searching attracted full enrolment. Planning continued for

a mid-career diploma program for library managers.

Much time was spent during the year compiling the self-study report, required for re-accreditation by the American Library Association. The decision of the association will be made following a site visit in September, 1989; however, even the self-study process itself revealed many excellences in the school. Appraisal of both the master's and doctoral programs by the Ontario Council for Graduate Studies in 1987-88 concluded with the award of an "A" category. Thus, despite real financial constraints, the school is confident it can preserve and strengthen its already solid reputation for innovation and excellence.

Graduate School of Journalism

Under Acting Dean Andrew MacFarlane, replacing Dean Peter Desbarats who was on a year's study leave before returning for a second term, the school continued to progress as an academic institution, as a unique centre of professional development for Canadian journalists, and as an important contributor to journalism and journalism education internationally.

A lengthy appraisal by the Ontario Council of Graduate Studies, involving assessments by Canadian and U.S. reviewers, culminated in the spring of 1989 when the school was awarded a "B" or "good" rating. The OCGS report indicated that the school had met most of the concerns expressed by the council at the time of the first review in 1979, when the Graduate School was only five years old. The Dean was asked to report to the council in 1991 on faculty development and computer installations.

In both these areas there already had been considerable progress

before the OCGS report was completed.

Prof David Spencer, appointed to the faculty the previous year and placed this year in charge of the broadcast program, continued to make good progress toward his Ph.D. at the University of Toronto. In the spring of 1989, the School hired a new Ph.D. from York University, Dr. Valerie Alia, to assist Prof. Spencer. Dr. Alia had worked in radio and television in her native United States before coming to Canada in 1982 to study and work as a freelance journalist. One of her first assignments in the school was to develop an elective course on "Women in the News Media" for the following academic year.

Dr. Alia was the second woman to be appointed to the school's ten-person faculty in as many years. Since the late 1970s, when Associate Dean Shirley Sharzer left to take up an executive position at the Globe and Mail, the all-male faculty had searched diligently for women faculty candidates who met its usual requirements: professional background in journalism, teaching ability, higher academic degrees and productive research interests.

Dr. Judith Knelman, appointed the previous year to the print program, will supervise this program in 1989-90, Prof. MacFarlane's sabbatical year.

At the end of 1988-89, Dr. Stuart Adam returned to the School of Journalism at Carleton University. During his two-year leave from Carleton, where he had directed the journalism school for 17 years, Dr. Adam served as director of Western's new Centre for Mass Media Studies. Among his achievements in that position was the co-authoring of Canada's first source book on media law for journalism students (published by Carleton University Press), in collaboration with Prof. Robert

Martin, of Western's School of Journalism and Faculty of Law, and the publication of a landmark paper on journalism education in Canada: "Journalism Practice and Journalism Knowledge: The Problem of Curriculum and Research in University Schools of Journalism." Dr. Adam also organized lectures and colloquia during his term in the centre, stimulated awareness of the centre throughout the University, and contributed to the development and promotion of the centre's Journalism Periodical Index, a unique research resource containing more than 8,000 entries which the school now markets to 10 leading journalism schools and libraries in Canada and the United States.

At the end of the year, applications for the position of director of the Centre for Mass Media Studies were being reviewed.

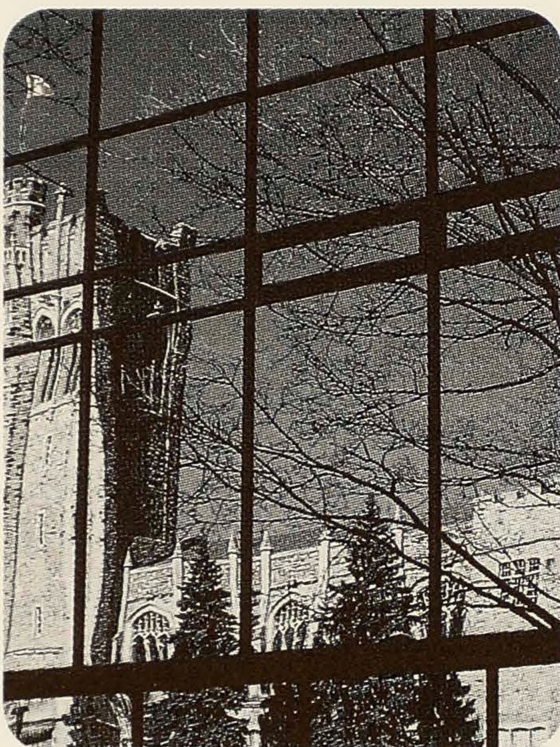
The last few months of 1988-89 also saw a major upgrading in computer facilities. In the early 1980s, the school had been the first in Canada to replace typewriters with terminals in its print newsroom. At that time, 18 "dumb" terminals were purchased, similar to those still used in most daily newspaper newsrooms. These were linked to the university's mainframe. Now 12 PC-type terminals have been added in the radio newsrooms and connected to a file-server in the school. This system will be expanded eventually as the old terminals are phased out.

The IBM-compatible PCs, coupled with Apple terminals which have been ordered for delivery in 1989-90, will enable the school to use desktop publishing to produce its weekly third-term newspaper, "The Reporter."

The 1988-89 was the second year of the school's five-year collaboration with the School of Journalism at the University of

Nairobi in Kenya. The first student to complete Western's M.A. program under this scheme, Kipserem Maritim, received his degree at the 1989 convocation and returned to work on one of Nairobi's daily newspapers. Two more students from Nairobi enrolled at Western in the spring of 1989: Magayu K. Magayu, a member of the Nairobi faculty, and Wambui Kiai, a 1989 graduate of the Nairobi program and the first Kenyan woman student to come to Western. Prof Mack Laing went from Western to Nairobi to teach for one term after Christmas.

In August, 1988, Dean Desbarats and Prof. MacFarlane led a five-



person team to Nairobi to give the first of five annual workshops to Kenyan journalists. The workshop, devoted to newspaper layout and effective use of photographs, attracted 20 journalists.

The Western-Nairobi program, unique among Canadian journalism schools, is funded by the Canadian International Development Agency (CIDA) which also supports Western's annual Encounter conference for Canadian and Third World journalists. The theme of the 1988 conference, held at Spencer Hall from Oct. 21 to Oct. 23 was "Media Freedom and Development: Comparing Experiences."

Closer to home, the school continued to serve Canadian journalists by offering two-week

residential programs in the spring in Law and Economics. Preliminary discussions were held with Western's National Centre for Management Research and Development with a view to developing an "introduction to management" short course for working journalists.

In the spring of 1989, Prof Michael Nolan's biography of the late Walter Blackburn, publisher of the London Free Press, was published by MacMillan of Canada under the title: "Walter Blackburn - A Man for All Media." Dean Desbarats completed "A Guide to Canadian News Media" to be published in the fall of 1989 by Harcourt Brace Jovanovich (Canada).

The Program in Journalism for Native People completed its ninth and most successful year to date with the awarding of certificates to nine students. Director Alan Chrisjohn, who completed five years with the program, was re-appointed for another term. As the first PJNP Director from Canada's native community, he has made an outstanding contribution to the program as an administrator, teacher, counsellor and community leader.

At the end of the year, Prof. Jeffrey Anderson completed a five-year limited-term appointment. Prof Anderson came to the school after early retirement from the CBC where he had a distinguished career in radio and television administration and production. He plans to return to his native Winnipeg where he will cover music and cultural events for the Free Press.

Student Affairs

Student Services

Innovation, change and expansion were major themes for many of the units within the Department of Student Services this past year.

After years of discussion, plans for expansion of the University Community Centre are now moving rapidly ahead. In a referendum held during the year, the students voted to levy a fee which will raise \$10 million in support of that expansion. It is expected that Phase I of the construction will begin in the summer of 1991, and that the entire expansion will result in a 35 percent net increase in the space in the centre, providing space for much-needed services and facilities and relieving severe overcrowding.

Expansion plans also began to take on tangible form in the Housing Department, as ground was broken for a new apartment building on Western Road, near the existing Glenmore Apartments. The 150 two-bedroom units will be in a building which is four, six and eight stories high in its three sections. The building will also provide space for the Housing Department offices, including the off-campus listing service, and possibly a retail convenience business.

Student housing issues were further addressed by a new service that was introduced to the University and London community this year. The Housing Mediation Service, the first of its kind in Canada, was established to respond to and resolve problems which may arise between students and London residents in the areas of housing and lifestyle. The Mediation Office is funded by the University, the University Students' Council, the

City of London, Fanshawe College and the Fanshawe College Student Union. The Mediation Officer has offices on campus and at Fanshawe. The service has been very active in resolving problems and carrying out educational programs for both student tenants and landlords.

In Counselling and Career Development Services, several new publications were developed in an effort to provide better service to students. The International Student Office Bulletin is sent to departments across campus every other month, providing up-to-date information on issues affecting international students and also details of workshops and services offered at Counselling and Career Development. An International Student Handbook for use by newly-arriving students was also developed to provide that group with useful information concerning their transition to the University. The staff in Learning Skills had its book, *Learning for Success*, published by Harcourt, Brace, Jovanovich Canada. It is now available in the bookstore on campus and in bookstores across the country. To respond to a fairly significant trend among students who wish to work and travel outside of Canada, the Student Placement Service set up an International Work Programs seminar in January, giving about 300 students a chance to speak to representatives of organizations which offer opportunities all over the world. Finally, services to disabled students were given a major boost with the announcement of a provincial grant of almost \$400,000 to be used for the enhancement of those services.

University Students' Council

The University Students Council is the collective voice of all Western students, providing a

forum for the discussion of student issues and an organizational structure with which students can initiate change. The USC is one of the largest organized students' councils in Canada with over one hundred members, representing faculties, residences and affiliated colleges at Western.

The first resolution of the USC By-laws outlines our aims and objectives which include:

To provide social and improve social, living and recreational services to students. To this end the USC runs the ever-popular Spoke Tavern in the basement of Somerville House; a series of concerts at venues across the city; a ticket service through Central Box Office; and supports Theatre Western which organizes three productions every year.

The USC also provides a number of support services intended to ease the strain of student life such as the Typing Service, the Copy Centre and the Used Book Store.

To provide a communication link between students, their organizations and the community-at-large, the USC publishes the *Gazette*, one of Canada's better student newspapers, and funds Radio Western - 94.7 FM.

Over the next year, CHRW's listening area will be more than tripled to cover all of the London area as the broadcast output will be increased from 50 to 5,000 watts. Other publications include the *Westernizer*, (a daily planner for which demand always seems to outstrip supply), a city map, a wall calendar and the essential instrument for student social life - the student directory.

To act as a catalyst for, and encourage students to participate in the various extracurricular activities on campus. To this end we support over 100 different clubs - from Amnesty International at Western to the University Wine Tasting Society.

To provide a means by which students can freely challenge, improve or initiate prescribed changes in their environment. The USC has successfully lobbied for the establishment of a Housing Mediation Service to resolve conflicts that may arise between students and their neighbours. This year the USC will be again pressuring the City of London to extend the hours of LTC service.

To promote closer relations between students, the University administration, and the community-at-large for the purpose of bettering the mutual environment. The USC supports and organizes a variety of fund-raising projects for charity. Once again, Western was the leading university in Canada raising money for cystic fibrosis research through Shinerama. This day is the annual climax of Orientation Week and raised more than \$75,000 for research. Last year's Fifth Annual Charity Ball raised more than \$45,000 for the disabled on campus, the Hardy Geddes Foundation and the Belton House in London.

The 1989-90 University Students' Council administration led by President Kimble Sutherland, will continue to further the aims and objects of the USC for the benefit of students, Western, and the broader community.

Intercollegiate Athletics

The High Performance Sport mandate endorsed by the 1983 annual general meeting of the Canadian Interuniversity Athletic Union (CIAU) remains an issue at the national level. Responses to the national blueprint for amateur sport entitled *Toward 2000: Building Canada's Sport System* have been prepared. Given the events surrounding the Ben Johnson drug-use scandal, this issue has been placed on the back burner pending the release of the report of the Dubin Inquiry.

Under pressure from the national government, Sport Canada has prepared a policy and procedures booklet dealing with drug use and doping control in university sport. The CIAU is unequivocally opposed to the use by student-athletes of any banned substances or methods in contravention of the rules of national and/or international federations. An educational program and drug testing protocol will be considered at the 1989 annual general meeting of the CIAU. A no notice doping control program in the sport of football is scheduled for implementation commencing in January, 1990.

The Ontario Women's Interuniversity Athletic Association (OWIAA) has received an Ontario Ministry of Tourism and Recreation grant to establish a central office for its operations. The office will be located in Toronto and will begin its operation in the fall of 1989. It is expected that the OWIAA will assume a greater leadership role in the promotion of women's sport as a result of this development.

The Ontario Commission on Interuniversity Athletics (OCIA) has had a busy year in preparing the following responses, studies and reports: OCIA Response to *Toward 2000: Building Canada's Sport System*; the OWIAA/OUAA Eligibility Audit Report; and the Gender Equity Study.

Economic pressures continue to impact upon the intercollegiate athletic program offerings at Canadian universities. These national uncertainties have led to membership of Lakehead University in the OWIAA and the OUAA and, also the addition of McGill, Concordia and Bishops and Trois Rivieres to the hockey and basketball schedule. These developments continue to impact financially on The University of Western Ontario.

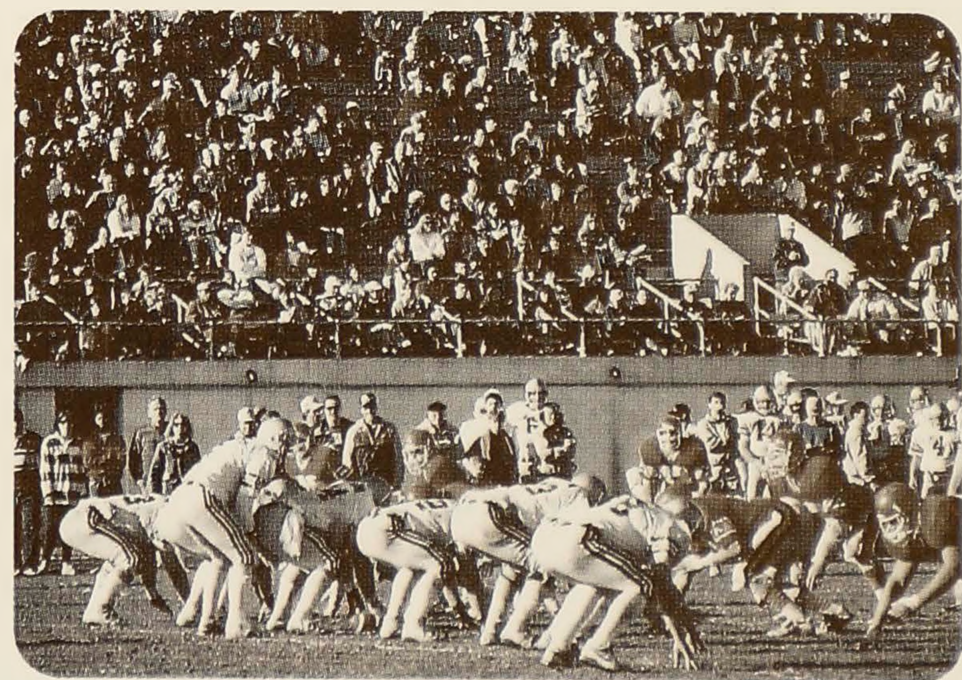
Competitive opportunities in interuniversity athletics were offered in 40 sports - 19 sports for women involving 247 student-athletes and 21 sports for men involving 483 student-athletes.

Western continued to maintain its high standard of competitive excellence by showing well at the national level and capturing eleven (11) provincial championships. Twenty-five of the 40 men's and women's activities offered at Western, or 63 percent, finished in either first, second or third place in OUAA and OWIAA competitions.

Nationally, women's cross country (first), men's cross country (second), football (third), men basketball (fourth), women's track and field (seventh), and men's swimming (tenth) had strong performances in CIAU championship play.

Western earned OWIAA championships in curling, fencing, rowing and alpine skiing. OUAA championships were claimed in basketball, cross country, fencing, football, rowing, alpine skiing and squash.

Brigitte Gagne (fencing and tennis) and Sarah Ostler (field hockey and indoor hockey) were named the co-recipients of the F.W.P.



Jones Trophy as Female Athletes of the Year, Mike Tomlak (hockey) received the Dr. Claude Brown Trophy as Male Athlete of the Year, and Scott Bere (football) was named the recipient of the prestigious G. Howard Ferguson Award.

The Libraries

For the UWO Libraries this has been a year of transitions.

In the area of information technology, there was a major transition to a new and more powerful computer, the Geac Concept 9000. This machine, installed in May 1988 but not fully operational until September, permitted a major expansion of access to the online catalogue. This expansion was in two parts. First, additional terminals were installed within the D.B. Weldon Library. Second, the number of lines providing dial-up access (via the University's PACX data communications network) was increased from four to nine. As the numbers indicate, this service providing remote access to the online catalogue has proved to be very popular.

The new computer also led to two system transitions, both of which required extensive commitments of time and effort on the part of library staff. First, a new cataloguing system was installed between November 1988 and February 1989. In order to move from the former cataloguing system, based on a Geac 8000, to the new cataloguing system, a major transfer and reformatting of the entire cataloguing data base had to be carried out. Second, an online serials check-in system supplied and maintained by an off-campus vendor of serials services was phased out in favour of a similar system integrated into the libraries' acquisitions system. This

second system transfer took place smoothly at the beginning of January 1989.

Of far greater importance, however, have been the staffing transitions of the past year among the senior staff of the library system.

The year began with vacancies in two key positions. Effective 30 June 1988, Mr. John Macpherson, Associate Director of Libraries for Public Services, had retired after twenty-nine years of service to the university. At the same time Mr. Larry Lewis, Assistant Director of Libraries for the Sciences Library, had resigned after twenty-one years of service. These two positions were filled in September 1988.

The year ended with another two key retirements. Effective 30 June 1989, Dr. Margaret Banks took early retirement after twenty-eight years of service as the Librarian in charge of the Law Library. On the same day Dr. Robert Lee also took early retirement after nineteen years as Director of Libraries.

These four senior staff changes over a one-year time period represented a very significant loss to the UWO library system. In simple numerical terms, these individuals contributed a combined total of ninety-seven years of dedicated service to the UWO community. Their valuable experience in library management cannot easily be replaced.

On the occasion of Dr. Lee's retirement it was noted that there had been vast changes in library work and services during the Lee years. Perhaps it is fitting, in this

year of transition, to list just two of those changes. Nineteen years ago the collections were approaching one million bound volumes. Within the next year they will pass two million bound volumes. (There are also over two million microforms and over 600,000 items in other formats.) Nineteen years ago there was a small batch-based computer system supporting the acquisitions process, and a second batch-based system, in test mode, for circulation control. Today all of the major library files and activities are controlled by integrated online computer systems. The changes have been vast indeed.

Affiliated Colleges

The University continues to enjoy a close and mutually beneficial 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 Faculty of Theology at Huron College and St. Peter's Seminary through King's College. These offer programs leading to the Master of Divinity degree.

The 1988-89 undergraduate enrolment in the three affiliated colleges was:

	FULL-TIME STUDENTS	PART-TIME STUDENTS
BRESCIA	660	92
HURON	763	40
KING'S	1,503	247

Alumni

At the 79th Annual Meeting, September 17, 1988, the Alumni Association Board of Directors elected officers for the 1988-89 year.

PRESIDENT:

ALLISON M. MUNROE
MED'80

1ST VICE-PRESIDENT:

GARY W. WEESE
BA'78

2ND VICE-PRESIDENT:

JAMES B. ROBINSON
BA'71

3RD VICE-PRESIDENT:

MOIRA BURKE
BA'80

The 1988-89 spring and fall convocations added some 5,245 new graduates to the Alumni Association's membership, bringing the total number of living graduates currently on file to more than 112,000.

During the 1988 Homecoming Weekend held on October 22-24, an estimated 10,000 alumni, spouses, and friends returned to Western. Most participated in one of the many class reunions for the years ending in threes and eights.

The Alumni Association honored four individuals by presenting them with the Alumni Award of Merit. This award is presented annually to recognize those graduates and friends of Western who have, through their dedicated and distinguished service, brought honor to the University. The 1988 recipients were Marion C. Darling, Robert A.D. Ford, William A.K. Jenkins, and Melville Platt.

With continued professional staff support from the Department of Alumni Affairs, the association sponsored lecture series, expanded the alumni branch network, offered alumni travel

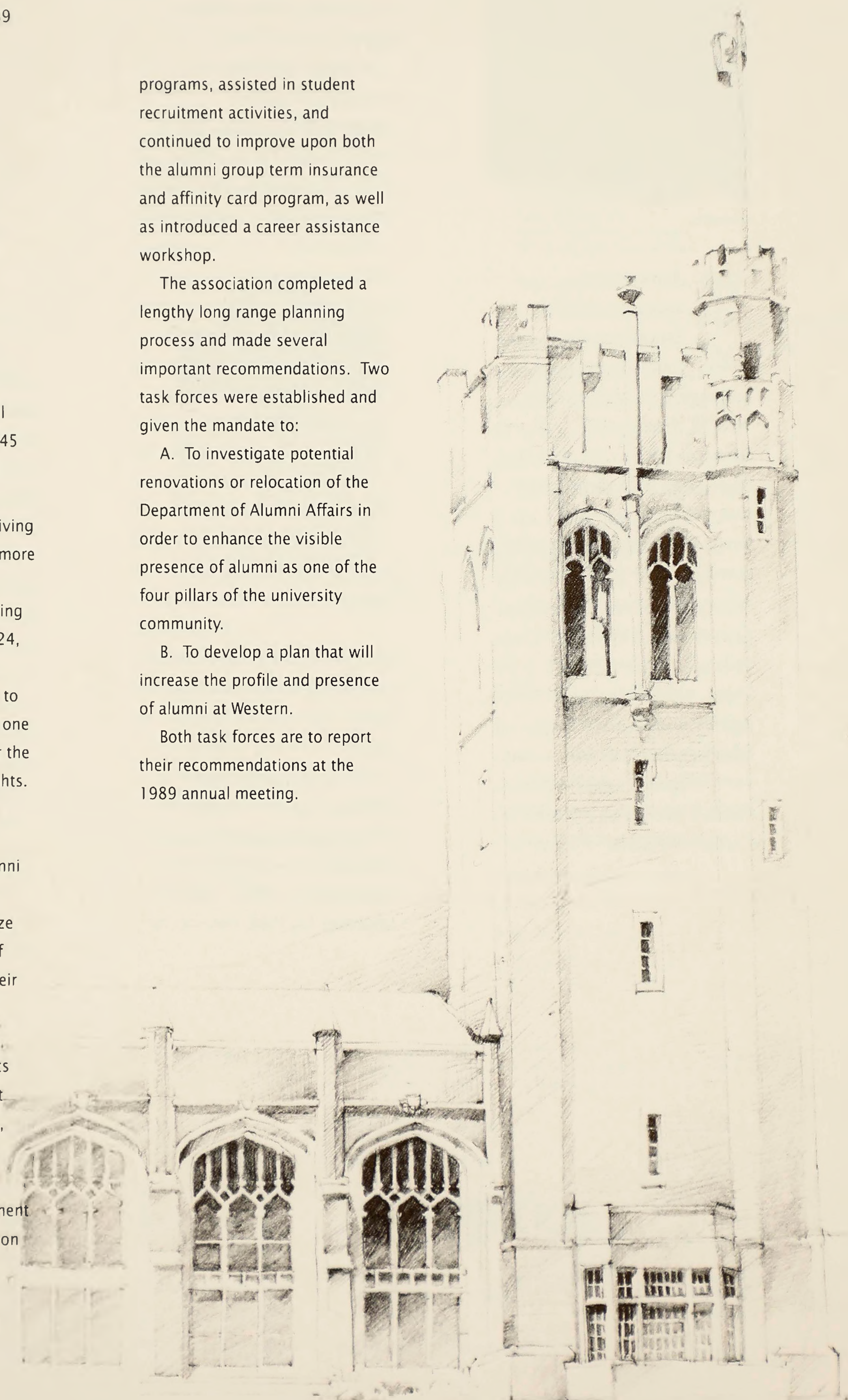
programs, assisted in student recruitment activities, and continued to improve upon both the alumni group term insurance and affinity card program, as well as introduced a career assistance workshop.

The association completed a lengthy long range planning process and made several important recommendations. Two task forces were established and given the mandate to:

A. To investigate potential renovations or relocation of the Department of Alumni Affairs in order to enhance the visible presence of alumni as one of the four pillars of the university community.

B. To develop a plan that will increase the profile and presence of alumni at Western.

Both task forces are to report their recommendations at the 1989 annual meeting.



University Development

The primary objective of the Development Office is to solicit support for Western from the many constituencies of the University. These groups include faculty and staff, alumni, parents, friends, corporations, foundations, associations and government agencies.

The Renaissance Campaign

Responding to increasing financial constraints, the University expanded its development program for fiscal 1988-89. This year, the Development Office focussed its efforts on Western's largest fund raising initiative ever: the Renaissance Campaign. Launched publicly on April 3, 1989, this \$89-million, five-year campaign will support major capital projects such as the Western Science Centre, additions to the Law and Business Schools, Physical Education, the University Community Centre and Applied Health Sciences, plus a new home for the Department of Visual Arts.

Additional support is required for technological innovation and academic enhancement.

As of April 30, 1989, the campaign has received \$44,862,960 in pledges. The largest pledge to date is \$23 million from the Government of Ontario; Western's students have

and staff were approached by their peers and asked to share in Western's Renaissance.

Western is proud of the high-calibre volunteer support enlisted for the external portion of the campaign including many Canadian business leaders. John M. Thompson, Chairman and CEO of IBM Canada Limited and David B. Weldon, Director of H.O. Grafton Group Limited accepted the challenge to become co-chairmen of the campaign. The Deputy Chairman is Donald G. Campbell, Chairman of Maclean Hunter Limited.

Foundation Western is another important partner in the Renaissance Campaign. In June, more than 80,000 alumni received a brochure from the Foundation outlining the campaign's objectives. Early response has been very positive.

Special events planned for the coming year include corporate dinners, come-to-campus events and ground breaking ceremonies for the Applied Health Sciences addition and the new Western Science Centre.



RENAISSANCE CAMPAIGN THE UNIVERSITY OF WESTERN ONTARIO



pledged \$10 million; more than \$8 million has been contributed by Western alumni; and almost \$1 million from faculty and staff.

The success of the internal component of the campaign can be attributed to the 300 volunteer canvassers recruited from every department on campus. Beginning November 15, 1988, UWO faculty

PURPOSE	GOAL	PLEDGES AS OF 30-APR.89	SOURCES OF FUNDS	GOAL	PLEDGES AS OF 30-APR.89	PAYMENTS ON PLEDGES AS OF 30-APR.89
BUILDING PROJECTS	\$66,800,000	\$32,865,908	UNIVERSITY COMMUNITY	\$10,000,000	\$11,317,155	\$441,831
ACADEMIC ENRICHMENT	\$10,900,000	\$3,868,484	ALUMNI	\$16,000,000	\$5,997,152	\$4,025,444
TECHNOLOGY & INNOVATION	\$6,500,000	\$315,824	INDIVIDUALS - NON GRAD	\$5,500,000	\$264,561	\$261,341
ENHANCEMENT PROJECTS/NEW INITIATIVES	\$4,800,000	\$4,139,542	NATIONAL BUSINESS	\$12,500,000	\$2,200,409	\$2,037,399
UNRESTRICTED		\$529,684	REGIONAL BUSINESS	\$5,500,000	\$85,576	\$63,375
UNRESTRICTED - FOUNDATION WESTERN		\$3,143,518	ORGANIZATIONS	\$6,500,000	\$1,645,907	\$1,244,564
			GOVERNMENT	\$33,000,000	\$23,352,200	\$1,931,700
TOTAL	\$89,000,000	\$44,862,960	TOTAL	\$89,000,000	\$44,862,960	\$10,005,654

Foundation Western

Established ten years ago by an agreement between the Board of

Governors of the University and the Alumni Association, Foundation Western's mission continues to be the accumulation of a permanent endowment, primarily from the gifts of graduates to assist the University in perpetuity. Entering its second decade of existence, the foundation has been accepted by alumni as an independent fund through which graduates may support their alma mater. The endowment concept provides a common goal in which all graduates can take pride. Grants from various endowments are predictable and free from the fluctuations of varying levels of donations and government support.

The level of participation and the generosity of Western's alumni made possible record cash donations during the past year. The April 30, 1989 audited financial statements indicate that:

- ❖ CASH DONATIONS INCREASED TO OVER \$2.2 MILLION - MORE THAN DOUBLE THE LEVEL OF DONATIONS FOUR YEARS AGO

- ❖ ASSETS AMOUNTED TO \$8.4 MILLION - AN INCREASE OF 28.2% OVER THE PREVIOUS YEAR

- ❖ PLEDGES NOT INCLUDED IN ASSETS TOTALLED \$4.75 MILLION

The growth in revenue was due to a significant increase in the amount of bequests realized during the year. There was also a marked increase in inquiries from alumni concerning bequests to the foundation and the confirmation of significant future donations through planned giving.

The telemarketing program continues to be a key factor in increasing donations. Students have been contacting graduates since September, 1985 requesting their financial assistance from the University. More than \$7.5 million had been raised from this program as of April 30, 1989.

Grants to the University were nearly \$400,000 and supported:

- ❖ SCHOLARSHIPS AND BURSARIES
- LIBRARY BOOKS
- ❖ MEDICAL, DENTAL AND SCIENCE RESEARCH
- ❖ TEACHING AND RESEARCH EQUIPMENT
- ❖ VISITING LECTURERS



LEFT: JOHN THOMPSON, CHAIRMAN, IBM CANADA LIMITED
RIGHT: DAVID WELDON, CHAIRMAN, MIDLAND DOHERTY FINANCIAL CORP.

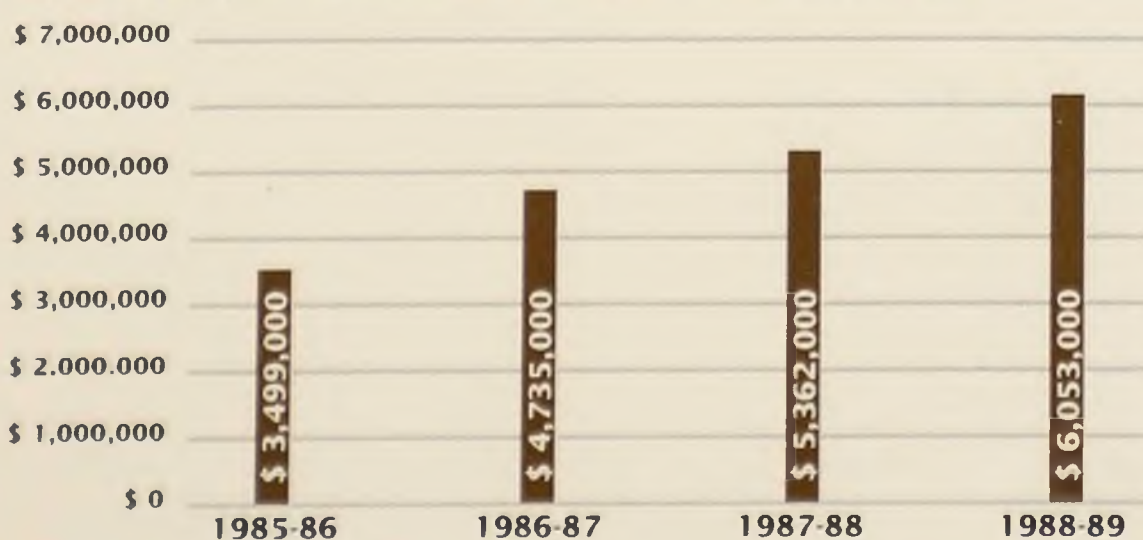
Total grants to the University over the first decade of operation amounted to \$2.4 million. In addition, the Foundation has provided an interest free loan of \$2 million to the University for Alumni House.

The Foundation is a full partner in the current Renaissance Campaign. During the year, the Board of Directors, under the leadership of President Bill Jenkins, agreed to increase its objective for the Renaissance Campaign to \$10 million in cash and pledges. With the additional objectives for special names and planning giving, alumni participation in the campaign will exceed \$16 million. The support of alumni will play an important role in the overall success of the \$89-million Renaissance Campaign.

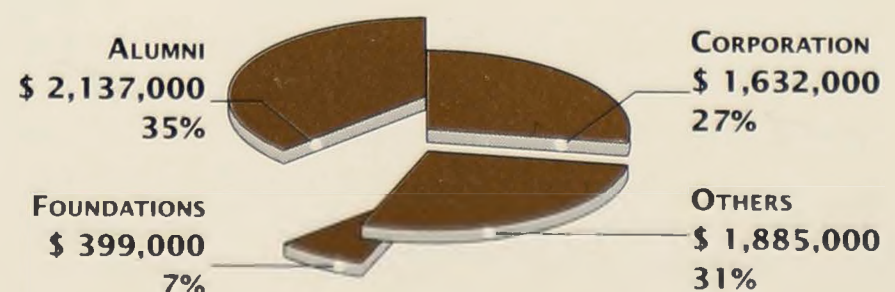
OFFICIAL RECEIPTS = \$2,051,042

THE UNIVERSITY OF WESTERN ONTARIO ANNUAL COMPARISON OF DONATIONS FOR WHICH OFFICIAL RECEIPTS WERE ISSUED

Note: Many gifts, grants & miscellaneous donations do not require official receipts



THE UNIVERSITY OF WESTERN ONTARIO SOURCES OF DONATIONS FOR WHICH OFFICIAL RECEIPTS WERE ISSUED FOR THE FISCAL YEAR ENDING APRIL 30, 1989



Administration

Buildings Western completed a number of steps in

1988-89 to provide additional buildings to alleviate crowding and to provide for further growth.

Construction was started in July 1989 to build a student apartment building containing 150 two-bedroom apartments. This building will also contain space for the offices of the Department of Housing. The building will be located on the Glenmore property adjacent to Western Road, and will be available for occupancy August 1990. Two hundred of the beds will receive support from the Ministry of Colleges and Universities Student Residence Program.

Detailed planning was completed for a 50,000 gross square foot addition to Elborn College to provide added space for the Faculty of Applied Health Sciences. Construction is scheduled to commence in December 1989 for completion in the fall of 1991. A \$6.8 million grant will be provided by the Province of Ontario toward the estimated total cost of \$10.3 million.

Detailed planning for the building additions phase of the Western Science Centre project has been completed. Two buildings will be constructed: a library building, located north of the Natural Sciences building, which will house the collections for the Health Sciences faculties as well as provide additional space for the science collections currently housed in the Natural Sciences building; and a science building to be located south of the Biology/Geology building. These two buildings will provide an

additional 138,000 gross square feet of space at an estimated cost of \$28.23 million. Occupancy is anticipated in the fall of 1991.

A program to expand the University Community Centre was launched following the receipt of strong support from Western students in a referendum. The addition will provide up to 75,000 gross square feet of added space in two additional floors to be added to the existing building. The estimated cost is \$10.3 million with an estimated construction period of 24 months.

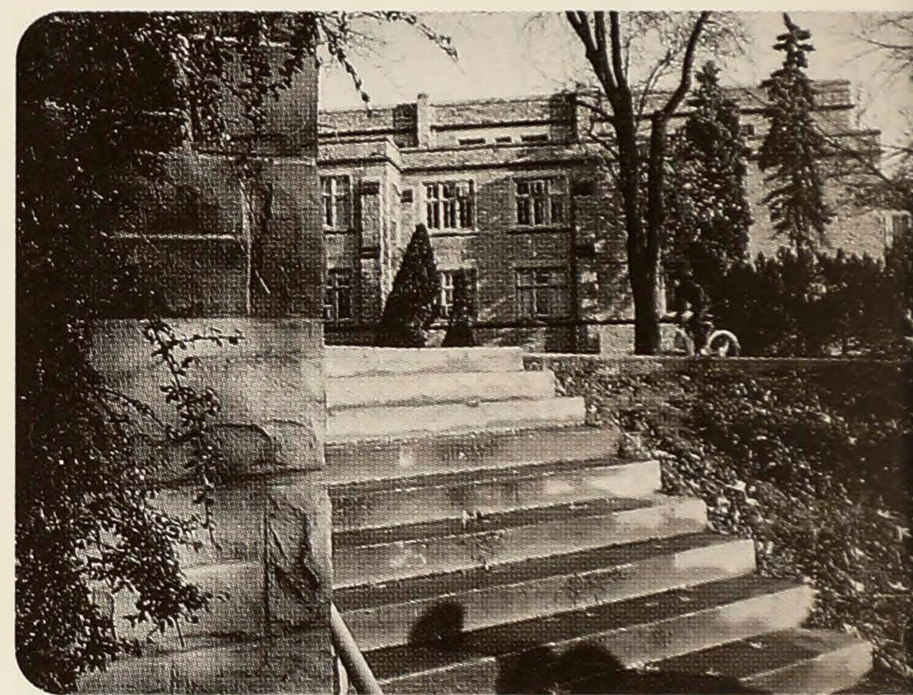
Western was the recipient of special funding from the Province of Ontario for enrolment accommodation (\$827,000) and program adjustment (\$160,000). These funds will be used in the following areas:

- ❖ ALTERATIONS TO APPLIED HEALTH SCIENCES BUILDING TO PROVIDE NEW OFFICE/LABORATORY SPACE AND TO ENLARGE ONE CLASS-ROOM;
- ❖ CLASSROOM IMPROVEMENTS;
- ❖ THE CONSTRUCTION OF A PROJECTION BOOTH AND LECTURE THEATRE IN UNIVERSITY COLLEGE;
- ❖ THE UPGRADING CLASSROOMS IN BUSINESS ADMINISTRATION.

The annual capital plan for projects to renovate and upgrade buildings was implemented at an estimated total cost of \$3.2 million. The primary source of funds for this program was a \$1.8 million renovation grant from the Province of Ontario. Some of the projects included in the plan are as follows.

- ❖ ALTERATION TO FEES OFFICE IN STEVENSON-LAWSON BUILDING \$48,000
- ❖ RENOVATION OF ANIMAL HOLDING AREAS IN DENTAL SCIENCES BUILDING \$220,000
- ❖ INSTALLATION OF FIBRE OPTIC DATA CABLING \$200,000
- ❖ IMPROVE FUME HOOD EXHAUST SYSTEMS IN BIOLOGY/GEOLOGY AND CHEMISTRY BUILDINGS \$300,000

- ❖ NEW FIRE ALARM SYSTEM FOR MEDICAL SCIENCES COMPLEX \$350,000
- ❖ ASBESTOS REMOVAL PROGRAM \$61,000
- ❖ UPGRADE BIOHAZARD FACILITY IN DENTAL SCIENCES BUILDING \$178,000
- ❖ EXTERIOR LIGHTING IMPROVEMENTS \$51,000
- ❖ ROOF REPLACEMENT PROGRAM \$97,000
- ❖ THOMPSON BUILDING SIDING REPLACEMENT \$70,000



The University holds title **Lands** 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).

Personnel

ACADEMIC RETIREMENTS

FROM JULY 1, 1988 - JUNE 30, 1989

NAME	DEPARTMENT	YEARS OF SERVICE	RETIREMENT DATE
Prof. H.E. Bieman	English	24	01 Jul 88
Prof. A. Bolgan (E.R.)	English	24	01 Jan 89
Prof. V.B. Brooks	Physiology	17	01 Jul 88
Dr. K.K. Carroll	Biochemistry	33	01 Jul 88
Prof. D.A. Chambers	Psychology	23	01 Jul 88
Prof. R.M. Decker	Physical Education	26	01 Jul 88
Prof. R.W. Gunton	Medicine	22	01 Jul 88
Prof. M. Hey (E.R.)	Education	21	01 Sep 88
Prof. D.C. Kaula (E.R.)	English	24	01 Jul 88
Prof. W.G. Nediger	Education	23	01 Oct 88
Prof. R.W. Packer	Geography	38	01 Jul 88
Prof. A.G. Parnell	Dentistry	21	01 Jul 88
Prof. G. Pendrill	S.L.I.S.	20	01 Jul 88
Dr. G.E. Pratt	Family Medicine	20	01 Jul 88
Prof. B. Seldon-MacFarlane (E.R.)	Secretarial & Admin. Studies	24	01 Jul 88
Prof. R.S. Smith (E.R.)	Education	14	01 Jul 88
Prof. R.G. Stephens (E.R.)	Dentistry	14	01 Jul 88
Prof. J. Toogood	Medicine	24	01 Jul 88
Prof. R.E. Topp (E.R.)	Education	15	01 Sep 88
Prof. J.C. Vilquin (E.R.)	French	24	01 Jul 88
Prof. R.G. Woodman	English	38	01 Jul 88

PERSONNEL - DECEASED

Deaths July 1, 1988 - June 30, 1989

NAME	DEPARTMENT	YEARS OF SERVICE
FACULTY		
Prof. Gary Spilsted	Music	12
Prof. William J. Cameron	Modern Languages and Literatures	21
STAFF		
Mr. Dmytro Burda	(formerly) Physical Plant	15
Mr. George McLeod	Office of the Comptroller	22
Mrs. Vera Mumdzijan	(formerly) Physical Plant	20
Ms. Deborah Murphy	Part-time & Continuing Ed	7

ADMINISTRATIVE STAFF RETIREMENTS

FROM 1 JULY 1988 - 30 JUNE 1989

NAME	DEPARTMENT	YEARS OF SERVICE	RETIREMENT DATE
Miss W. Bennett	Libraries	15	01 May 89
Mrs. E.R. Black (E.R.)	Finance	15	01 Jun 89
Mr. L.P. Bradshaw	(formerly) Engineering	23	01 Oct 88
Mrs. L. Brown	Libraries	18	01 Oct 88
Mr. K. Carver (E.R.)	Zoology	22	01 Jan 89
Mr. S. Cobden	Conference Co-ordinator	11	01 Nov 88
Miss M.L. Collins	(formerly) Faculty of Arts	26	01 Dec 88
Mr. R.L. Curry (E.R.)	Chemistry	14	01 Feb 89
Dr. V. Dave	Chemistry	15	01 Mar 89
Mrs. M. DeVincenzo	Food Services	9	01 Set 88
Mrs. E. Di Cesere (E.R.)	Food Services	20	01 Oct 88
Mr. N. Diloreto	(formerly) Physical Plant	16	01 Aug 88
Mrs. M. Dosa (E.R.)	Plant Sciences	21	01 Feb 89
Mrs. M.J. Dunlop	Medway Hall	14	01 May 89
Miss V. Galbraith	Residence & Off-Campus Housing	19	01 Dec 88
Mr. C.B. Geddes	Libraries	14	01 Dec 88
Miss I.G. Gordon	Biochemistry	13	01 Oct 88
Mr. W.N. Harrison	Occ. Health & Safety	15	01 May 89
Mrs. A.E. Heaney	Food Services	20	01 Oct 88
Dr. K.A.J. Johnston (E.R.)	Family Medicine	10	01 Jan 89
Mr. D.L. Jones (E.R.)	Univ. Food Services	7	01 Jun 89
Mr. M. Landry	Spencer Hall	3	01 Oct 88
Mr. S. Legan	(formerly) Physical Plant	28	01 Aug 88
Mrs. M. Lenk	Libraries	20	01 May 89
Mrs. R. Lumsden	Pres. Office	23	01 Sep 88
Mr. G. Lund (E.R.)	Physical Plant	31	01 Feb 89
Miss M.O. MacLennan	Music	25	01 Nov 88
Mrs. V. Marnot (E.R.)	Plant Sciences	24	01 Jan 89
Mr. A.C. Martin (E.R.)	Physical Plant	16	01 Jul 88
Mr. D. Mason (E.R.)	Book Store	25	01 Feb 89
Mrs. P. McCabe	Business	16	01 Jan 89
Mrs. B. McDougall (E.R.)	Finance	22	01 Feb 89
Mrs. C. McLaughlin	Food Services	14	01 Dec 88
Mrs. M. McNulty (E.R.)	Law	31	01 Jan 89
Mr. N.G. Milliken (E.R.)	Physical Plant	22	01 Jul 88
Mrs. E. Mol	Computing Centre	29	01 Apr 89
Mrs. J. Moore (E.R.)	(formerly) Computer Science	20	01 Sep 88
Miss M. Nilsen	(formerly) Biochemistry	16	01 Oct 88
Mrs. E. Paulionis-Keras	(formerly) Libraries	18	01 Jul 88
Mrs. U.M. Peterson	Libraries	12	01 Jan 89
Mr. M. Pistor	(formerly) Physical Plant	20	01 May 89
Mr. R. Prust	(formerly) Thompson Arena	13	01 Jul 88
Mr. A. Pus	Physical Plant	22	01 Jan 89
Mr. J. Rimeikis	Physical Plant	29	01 Jun 89
Mr. F. Seltzer (E.R.)	Co-ordinated Shops	28	01 Jul 88
Mr. W.C. Sinkins (E.R.)	Physical Plant	23	01 Sep 88
Mr. R. Stallen	(formerly) Physical Plant	10	01 Jul 88
Mr. W.G. Stewart	Astronomy	23	01 Nov 88
Ms. E.D. Sutcliffe	(formerly) Education	15	01 Mar 89
Mrs. M. Tabaczek	(formerly) Physical Plant	21	01 Sep 88
Mrs. I. Veitch (E.R.)	Geography	15	01 Dec 88
Mrs. B.L. Warren	(formerly) Food Services	21	01 Mar 89
Mrs. E.D. Watson (E.R.)	Business Admin.	10	01 Oct 88
Mr. J. Webster (E.R.)	Psychology	21	01 Aug 88
Mrs. J. Williams (E.R.)	Education	19	01 Sep 88
Mrs. M.E. Williams (E.R.)	Medicine	22	01 Feb 89
Mrs. R. Zavitz	Libraries	21	01 Jul 88

(E.R.) indicates 'early retirement'