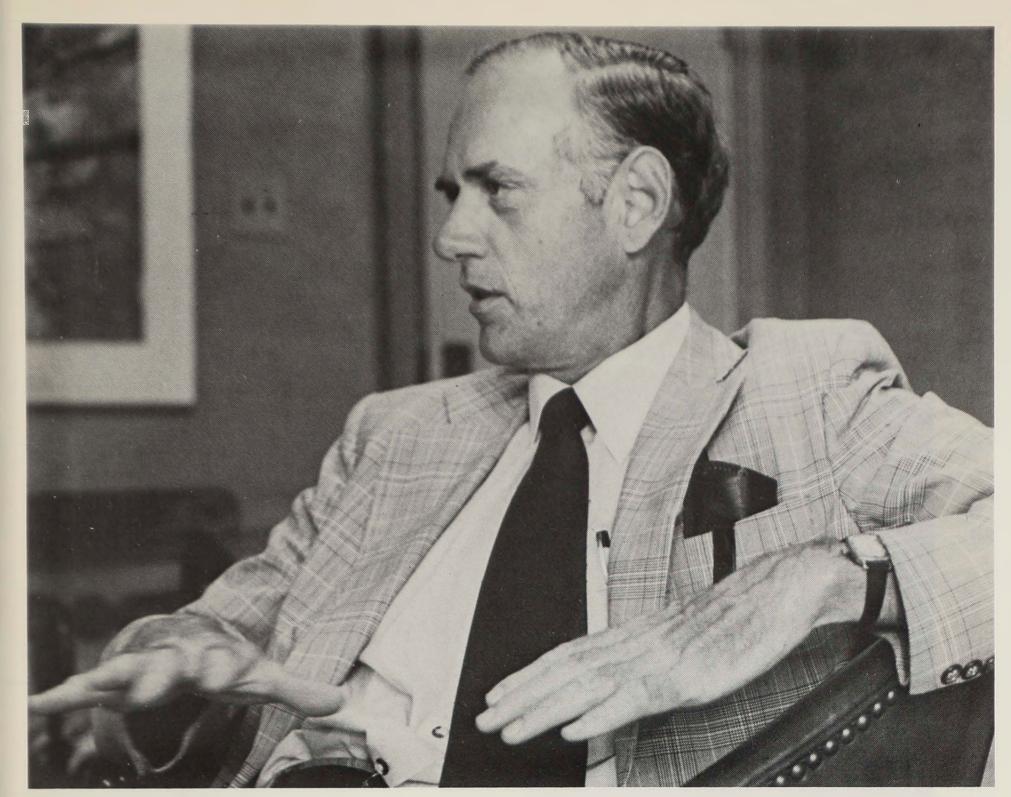


### Introduction

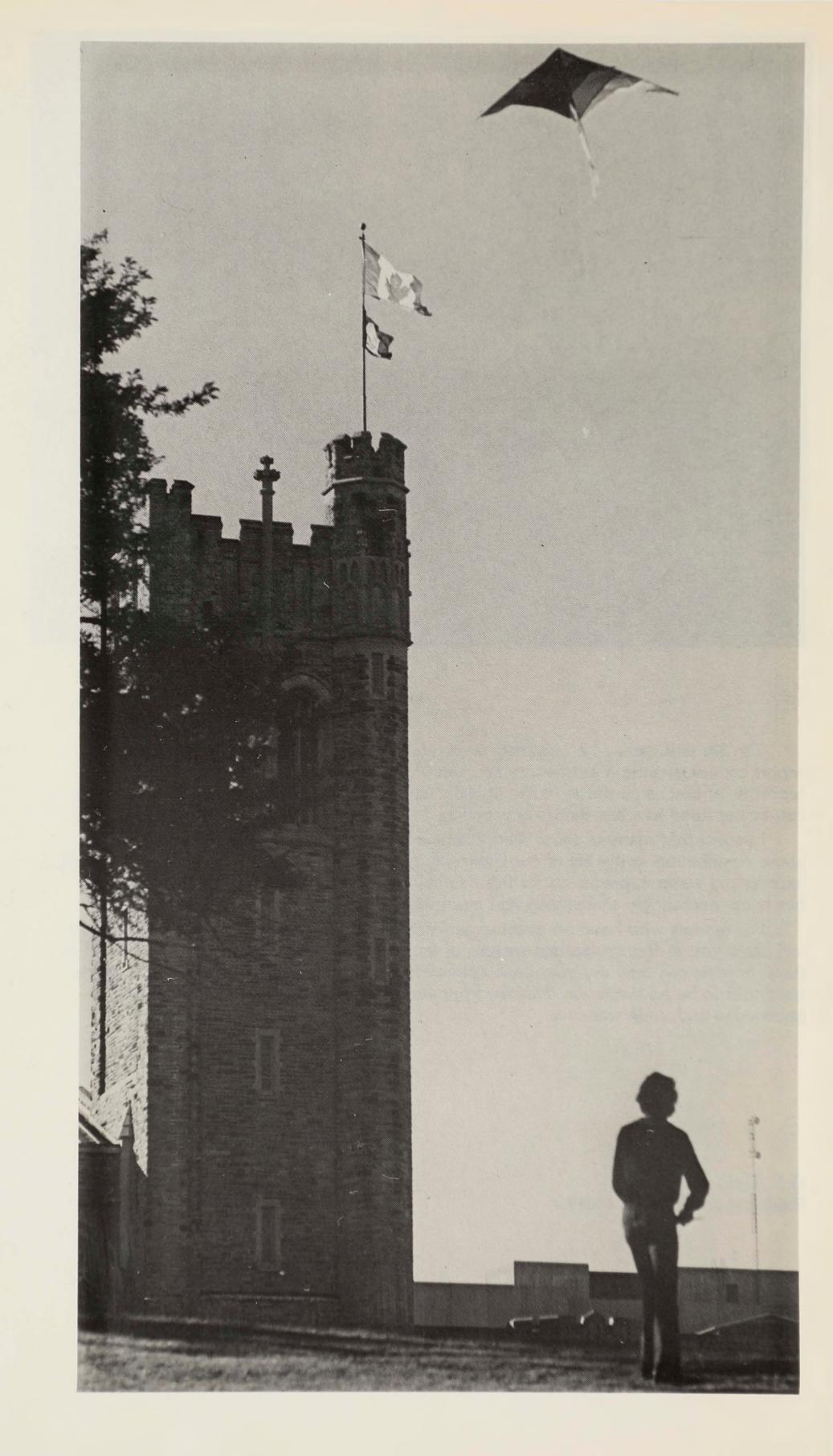


The life and work of a university is extremely rich in variety and depth. A brief report cannot provide a satisfactory account of a full year of that life and work. The report is, at best, a chronicle of the public events of the year, and of impressions which can be captured in a few words or numbers.

I expect that many of those who examine this report will themselves have made some contribution to the life of the University and derived some benefit from it. To you I express my warm appreciation for this contribution and for ensuring that my own work has been increasingly challenging and interesting.

For readers who have no direct experience of the University, I hope that the report will allow you to form some impressions of the nature of this community. I would add to these impressions only my own deep conviction that The University of Western Ontario continues to be an institution dedicated primarily to the growth and propagation of knowledge and understanding.

G.E. Connell
President and Vice-Chancellor



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#### 1.1 Senate

The terms of reference and composition of Senate committees, subcommittees, councils, and boards underwent major revision in April 1980. The By-Laws and Rules of Order were revised in September, and election procedures were modified in October.

Seventeen faculty and 15 student members were elected to Senate in October 1980. One representative of the general community was elected by Senate in November, and another was appointed by the Alumni Association. The Board of Governors appointed its chairman, G.F. Francolini, to Senate. The 1980-81 Senate membership is listed in Figure 1.

Despite limitations on enrolment in specific programs, Senate established a precedent with its introduction of a competitive selection process for admission to honors-level courses in Computer Science. This policy was necessitated by increased demand on the limited facilities and teaching resources of that department.

In September 1980, Senate created a Department of Statistics and Actuarial Science, with a faculty composed of former members of the Department of Mathematics.

The Department of Pharmacology was renamed the Department of Pharmacology and Toxicology, reflecting more accurately the work of that department.

The program offered by the Department of Secretarial and Administrative Studies was changed, effective April 30, 1981, to Administrative Office Management Studies, with the new B.A. degree designation to be phased in beginning in 1982.

Six new programs were approved by Senate for implementation in September 1981:

Master of Arts in Teaching (M.A.T.) in Geography

B.Sc. in Honors Mathematics and Computer Science

B.Sc. in Honors Geophysics and Computer Science

B.A. in Honors Geography (Resources Conservation)

a three-year B.Sc. in Computer Science and Physiology

B.Sc. in Honors Computer Science and Physiology.

In addition, the undergraduate program in Medicine underwent a major restructuring, effective September 1981.

#### Figure 1

Ex	Officio
CL	11

Chancellor (non-voting)

President and Vice-Chancellor (Chairman)

Vice-Presidents: Academic

Administration and Finance

Health Sciences

Deans:

Faculty of Arts

School of Business Administration

Faculty of Dentistry

Faculty of Education

Faculty of Engineering Science Faculty of Graduate Studies

School of Journalism

Faculty of Law

School of Library and Information Science

Faculty of Medicine Faculty of Music

Faculty of Nursing
Faculty of Part-Time and Continuing Education

Faculty of Physical Education

Faculty of Science

Faculty of Social Science

Chief Librarian (non-voting)
Registrar (non-voting)

Secretary of Senate (non-voting)

**Elected** 

Faculty of Arts

School of Business Administration

Faculty of Dentistry

Faculty of Education

Faculty of Engineering Science

Faculty of Graduate Studies

R.M. Ivey

G.E. Connell

J.C. Leith

A.K. Adlington

D. Bocking J.G. Rowe

C.B. Johnston

W.J. Dunn

D.B. Davi

P.B. Park

G.F. Chess H.B. Stewart

J.L. Wild (Acting)

P.W. Slayton

W.J. Cameron

M.J. Hollenberg

J. Behrens

B.A. Cox

T.N. Guinsburg

W.J. L'Heureux

J.B. Bancroft

B.B. Kymlicka

R.E. Lee

D.A. Chambers

J.K. Van Fleet

R.W. Binkley (Philosophy)

T.J. Collins (English)

C.L. Murison (Classical Studies)

S.J. Shorten (Philosophy)

C. Haehling von Lanzenauer

I.D.F. Schofield (Oral Medicine)

H.D. Webber (Mathematics-Science)

M.P. Poucher (Civil Engineering)

J.W. McGowan (Physics)

J.N. Thompson (History)

L.H. Forsyth (French)

J.R. Trevithick (Biochemistry)

### Governance

School of Journalism
Faculty of Law
School of Library and Information Science
Faculty of Medicine

Faculty of Nursing
Faculty of Part-Time and Continuing Education
Faculty of Physical Education

Faculty of Science

Faculty of Music

Faculty of Social Science

Affiliated Colleges: Huron College

Brescia College

King's College

Graduate Students: MBA

Others

Undergraduate Students

C.E. Wilson W.B. Rayner F.T. Dolan

A.J. Hudson (Clinical Neurological Science)

M. Peat (Physical Therapy)
W.C. McMurray (Biochemistry)
D.E. Zarfas (Psychiatry)
J.L. Stokes (Music History)

L.S. Brown

G.I. Gonser (Physical Education)

J.S. Hill

F.P.A. Cass (Mathematics)
J. Starkey (Geology)
A.E. Beck (Geophysics)
R.A. Haines (Chemistry)
J.P. Palmer (Economics)
B.D. Singer (Sociology)

N.L. Nicholson (Geography)
J.H. Stevenson (Secretarial & Admin.St.)

J.G. Morden

F.W. Burd (Psychology) Sister Dolores Kuntz

P. Giovannetti (Home Economics)

J.D. Morgan

J.C. Orange (Modern Languages)
Paul S. Crookall

Michael DuBroy
Lorna Rees-Potter
Bruce Bennett
Mark Cairns
Lorne Davis
Donna Heiland
Tim Leishman
Fraser McDonald
Tammie Marchand
Kerry Ritz

Kerry Ritz
Jeff Singer
Jim Vair
Amanda Vincent
Dan Walker
E.Good
R.S. Devereux

M.A. Lever T.R. Roberts Mrs. Janet Trimble G.F. Francolini S. Lerner

General Community: Alumni Association

Appointed by Senate

Board of Governors

#### 1.2 The Board of Governors

As specified by The University of Western Ontario Act 1974, the Board of Governors consists of four ex-officio members, and 26 members appointed or elected by various agencies or constituencies.

The membership of the Board as of July 1, 1981, is listed in Figure 2.

Dr. A.B. Conron completed his third year as Chairman of the Board in December 1980. He was succeeded by Geno Francolini of Tillsonburg.

R.M. Ivey became the thirteenth Chancellor of the University on July 1, 1980, succeeding Dr. J. Allyn Taylor. Prof. J. Clark Leith, who was appointed Vice-President (Academic) and Provost for a six-year term, effective September 1, 1980, was elected to Board membership.

Chairman Emeritus Colonel D.B. Weldon, M.C., LLD, died on May 8, 1980. A long-time member and Chairman of the Board, he was a substantial benefactor of the University. The main library bears his name.

Appointed by Lieutenant Governor in Council: R.I. Mann, G.C. Patton, R.G. Siskind, J. Skippon.

Appointed by City of London Council: Eleanore C. Donnelly, J.L. Inch, Samuel Lerner, C.L. Mackenzie.

Elected by Board of Governors: A. Brandon Conron, G.F. Francolini, Nancy Poole, E. Joan Smith.

Appointed by Board of Governors: A.K. Adlington, D. Bocking, J.C. Leith.

Elected by Senate: L.H. Forsyth, A.M.J. Hyatt.

Alumni Representatives: W.A. Jenkins, P.C. Maurice.

Elected by Administrative Staff: Murray Jones, A.K. Knill.

Elected by Faculty: C.M. Carmichael, A.G. Heinicke.

Elected by Students: P.H. Stoneham, Carolyn Wilson (Undergraduate), L. Yachimec (Graduate).

Ex-Officio: Chancellor R.M. Ivey, President G.E. Connell, Mayor M.A. Gleeson (City of London), Warden Sam Richardson (Middlesex County).

Figure 2

The appointment of Dr. G.E. Connell as President and Vice-Chancellor was renewed by the Board for a further five-year term, to June 30, 1987.

During the year the Board approved the establishment of the McIntosh Gallery Committee to replace both the Joint McIntosh Committee and the McIntosh Gallery Policy and Programing Advisory Committee. Mrs. J. Skippon was appointed chairman of the new Committee, which includes members of the Board of Governors and Senate appointees. It is responsible for management of the University Collection as well as the implementation of the terms of the McIntosh Will. A 19th-century painting, Cropsey's Backwoods of America, was sold by the Board in New York in April 1981 for \$600,000 U.S. The net sum received by the University, approximately \$665,000 Canadian, was designated as a capital fund (named The W.H. Abbott Fund for the donor) for future acquisitions.

The Municipal Government Committee recorded a successful year in the annual

liaison program with the municipal councils of southwestern Ontario. Delegations from the University visited 18 councils, 15 of which authorized grants totaling \$130,700 to UWO for the year 1981.

A joint Board/Senate Committee was formed in February 1980 to review The UWO Act 1974 as required in the statute. Four members each were appointed by the Board and by the Senate, and Dean H.B. Stewart of the Faculty of Graduate Studies was named chairman. The Committee forwarded its report and a draft revised Act to the Senate and the Board in March 1981, noting that the 1974 Act had proven "basically sound and suited to the operation of the University, and that the work of the committee would consist largely of dealing with 'housekeeping' amendments and revisions." As of July 1981 the draft revised Act had been reviewed by the Senate and the Board, and changes had been recommended to the Joint Committee. Final recommendations for revision will be presented to the Private Bills Committee of the Ontario Legislature in the spring of 1982.

#### 1.3 Community Relations

The term "university-community relations" is somewhat misleading. It suggests that the University and the community are separate entities, each having a clearly delineated jurisdiction with very limited interaction. The truth is that the University and the community are integrated. Faculty and staff live in the community, serve as members

of city government or as volunteers on social agencies, are involved in local sports programs as coaches or participants, and generally take part in the social and cultural life of the community. At the same time, citizens of the community take University courses, attend campus events, and benefit from a multitude of special services.

Since the points of contact are so numerous and multifarious, no comprehensive report on the town-gown relationship is feasible. However, a number of our "formal outreach" programs should be cited. Foremost among these would be the extensive support provided in education, research, and health-care delivery by our partnership with the various teaching hospitals and family medical centres. The presence in London of a medical institution of international stature benefits the people of the community and enhances the area's attractiveness for other businesses and industries.

The Education Clinic of the Faculty of Education provides free consultation for children and young adults who have academic difficulties. Established only two years ago, this service expanded rapidly during the year under review, receiving numerous referrals from throughout southwestern Ontario.

Other noteworthy programs are: the London Legal Clinic of the Faculty of Law, which served 2,000 London and area residents during the past year; the Faculty of Dentistry clinics, which served 5,000 patients

with 40,000 individual appointments; and the Occupational Health and Safety Resource Centre, which provided testing and consultative services.

A major cultural event was **Apocalypsis**, R. Murray Schafer's music drama staged by the Faculty of Music as part of the City of London's 125th anniversary celebration. The world premiere of **Apocalypsis** involved 400 musicians and performers from the University and community.

The University's excellent athletic facilities brought many major sports events to the city. The J. Gordon Thompson Arena accommodated the Silver Broom World Curling Championships (50,000 spectators), the Junior World Figure Skating Championships (20,000) spectators), and the International Precision Marching Show (6,000 spectators).

A series of President's Breakfasts was held, bringing together small groups of University and community people, including teachers and business leaders, for informal discussions on matters of mutual concern and interest. This program, which will continue, should improve communications and interaction with the community.



# COMMUNITY USE OF UWO FACILITIES September 1, 1980 - August 31, 1981

(by type of event & attendance)

	No. of Events	Attendance
Indoor Athletics	434	41,868
Outdoor Athletics	105	76,835
Concerts, Theatre, Films	444	165,280
Meetings & Misc.	840	74,563
Socials	255	85,909
Sub total	2,078	444,455
Conferences	60	18,000
	2,138	462,455
	<del></del>	

Figure 3

#### 1.4 Personnel

#### (i) New Appointments

This year a number of senior administrative vacancies were filled:

Prof. Clark Leith, a member of the Department of Economics since 1967 and chairman 1972-76 — Vice-President Academic and Provost, replacing Dr. Bernard Shapiro, who became Director of the Ontario Institute for Studies in Education.

Prof. Jack Behrens, Chairman of the Department of Music Theory and Composition — Dean of the Faculty of Music, succeeding Prof. Hugh McLean.

Peter Desbarats, well-known Canadian broadcaster and journalist — Dean of the School of Journalism, replacing Prof. Andrew MacFarlane.

Dr. B.A. Flumerfelt — Assistant Dean, Research/Medicine.

Prof. D.K. McNair — Assistant Dean, Law.

Prof. Hugh Stevenson — Associate Dean (Academic), Faculty of Education.

Dr. E.M. Waring — Assistant Dean, Continuing Education/Medicine.

Also assuming senior academic positions during the past year were:

Dr. Hayden Bush — Chairman, Department of Radiation Oncology.

Dr. David Denhardt — Director, Cancer Research Laboratory.

Prof. Harold Fiske — Chairman, Department of Music Education, Faculty of Music.

Prof. Louise Forsyth — Chairman, Department of French.

Prof. H.A. Leeper — Director, Program in Communicative Disorders.

Prof. Glynn Leyshon — Director, Intercollegiate Athletics.

Dr. Emilie Newell — Chairman, Department of Physical Medicine and Rehabilitation, Faculty of Medicine.

Prof. Edward Saraydar — Assistant Dean of Graduate Studies (Arts and Science).

Prof. K.A. Shelstad — Chairman, Chemical and Biochemical Group, Faculty of Engineering Science.

Dr. N.R. Sinclair — Chairman, Department of Microbiology and Immunology.

Prof. M.W. Spence — Chairman, Department of Anthropology.

James Ferguson was appointed Director of Alumni Affairs, and H.S.P. Jones was named Director of the Computing Centre.

#### (ii) Honors, Awards, Appointments

Members of the University continued to receive honors, awards, and appointments during the year under review:

Prof. Constance Backhouse (Law), appointed to the Federal Advisory Council for the Status of Women.

Prof. Backhouse and Prof. William Finlayson (director, Museum of Indian Archaeology), named among "Five Outstanding Young Londoners" for 1980.

Prof. Kenneth Bambrick (Journalism), awarded an honorary life membership in the Radio and Television News Directors' Association.

Dr. Charles Carmichael (Geophysics), appointed to the Ontario Council on University Affairs.

President George Connell, elected to a two-year term as Chairman of the Council of Ontario Universities.

Prof. Thomas Courchene (Economics), and Prof. Constance B. Hieatt (English), elected to fellowship in the Royal Society of Canada.

Dr. Gilbert Heseltine (chairman, Psychiatry), named Executive Coordinator of the Mental Health Policy and Planning Group, Ontario Ministry of Health.

Dr. Gordon Mogenson (chairman, Physiology), awarded one of three Medical Research Council Professorships.

Dr. Margot Roach (Biophysics, Medicine), awarded an honorary Sc.D. from the University of New Brunswick.

Prof. Janet Stevenson (Secretarial and Administrative Studies), acclaimed as 1981-82 President of the Faculty Association.

Former Chancellor J. Allyn Taylor, appointed to the Order of Canada.

Dr. Leslie S. Valberg (chairman, Medicine), appointed as Vice-President of the Medical Research Council.

#### (iii) Retirements

The University is indebted for the long and devoted service of the faculty and staff members who retired during the past year:

memoris who remed during the past year.			
Name	Faculty/Department	Years of Service	
Prof. W.E. Atkinson	English	34	
W.Bryan	Physical Plant	18	
M. Deane	Libraries	12	
R.E. Delaney	Libraries	11	
J. Denisovs	Pathology	17	
E.Disher	Pathology	32	
M. Donohue	Part-Time & Continuing Education	11	
Prof. A. Dreimanis	Geology	31	
R.F. Ede	Physical Plant	27	
I. Francey	Pharmacology	10	
R. Gauld	Housing	14	
N. Grant	Political Science	12	
Prof. A.E. Griffin	Nursing	18	
G. Hartsell	Registrar's Office	15	
C. Hider	Libraries	10	
Prof. C.M. Hotimsky	Library & Information Science	12	
Prof. O. Klapp	Sociology	9	
R.A. Langford	Nursing	18	
E.J. McLeod	Alumni Affairs	14	
J.L. Moyse	Engineering Science	11	
Prof. H.A. Peacock	Education	7	
Prof. E. Stabler	Education	11	
M. Smith	Food Services	12	
V.P. Smith	Chemistry	17	

#### (iv) Deaths

The deaths of the following members of the faculty and staff during the past year are noted:

Barbara Farquhar, Library, 9 years service; Herbert J. Kirsch, Physical Plant, 8 years; David Little, Purchasing, 14 years;

Prof. Robert J. Lord, School of Business Administration, 7 years; Prof. John T. Nicholson, School of Business Administration, 27 years; John Olizarevitch, Physical Plant, 31 years; James Palmer, Food Services, 2 years; R.A. Round, Purchasing, 15 years; Dr. J. Tata, Physical Therapy, 1

month; Charles M. Young, Physical Plant, 17 years. Other persons with long associations with Western who died during the year are: Prof. R.L. Allen, Emeritus Professor of Physics, honorary graduate (LL.D. 1965); George Hartwell, for many years Director of the Alumni Office; Prof. C.J. Hickman,

former Head of the Department of Botany; Lloyd W. Sipherd, first dean of the School of Business (1949-54) and a faculty member from 1929 until his retirement in 1959; and, Monsignor Lester Wemple, founder and first Principal of King's College.

#### 1.5 Alumni

At its 71st Annual Assembly on June 21, 1980, the Alumni Association elected officers for 1980-81:

President — Eva M. Good (Nursing, 1964).

Past Presidents — George C. Clark (Arts, 1966) and Douglas J. McDonald (Business, 1961).

1st Vice-President — William A. Jenkins (Law, 1962).

2nd Vice-President — Ralph S. Devereux (Arts, 1948).

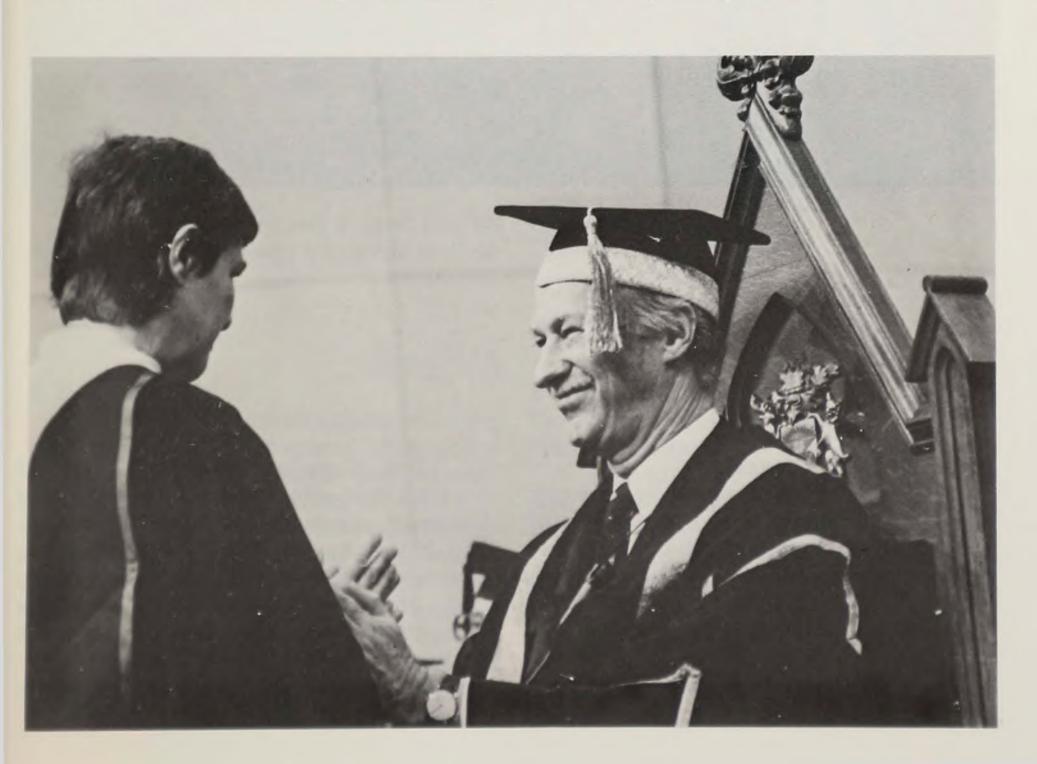
During the 1980-81 year the Department of Alumni Affairs continued to expand its scope of operations while maintaining traditional functions and events. The Spring and Fall Convocations added 4,700 new alumni, bringing the total of living graduates to more than 66,000.

Homecoming 1980 activities included 75 class reunions, the Alumni Awards Dinner, Alumni Registration, the Donut Dunk, the Float Parade, the President's Tours, and the President's Reception. Eight outstanding

alumni were honored at the awards dinner: Dr. Murray Barr, Dr. Cuyler Hauch, Frank Little, and Col. Fraser Rowland, recipients of the Alumni Award of Merit; and Kay Miles Easun, Don Getty, Dr. Paul Hauch, and Dr. John Metras, inductees into Western's Sports Hall of Fame.

The Alumni Gazette was published quarterly, and there were eight special newsletters. The Association supported the annual Spring Festival Evening, promoted faculty seminars, established liaison with existing alumni clubs in Hong Kong, Sarnia, Windsor, St. Thomas, Calgary, and Halifax, and founded new branches in Toronto, London, and Ottawa. The Senior Alumni Program, developed to bring retired graduates into closer contact with the Association and with Western, attracted 279 London-area members to 14 lectures and other events.

During the first year of the Alumni School Program, alumni advisors spoke to 4,000 first-year applicants.



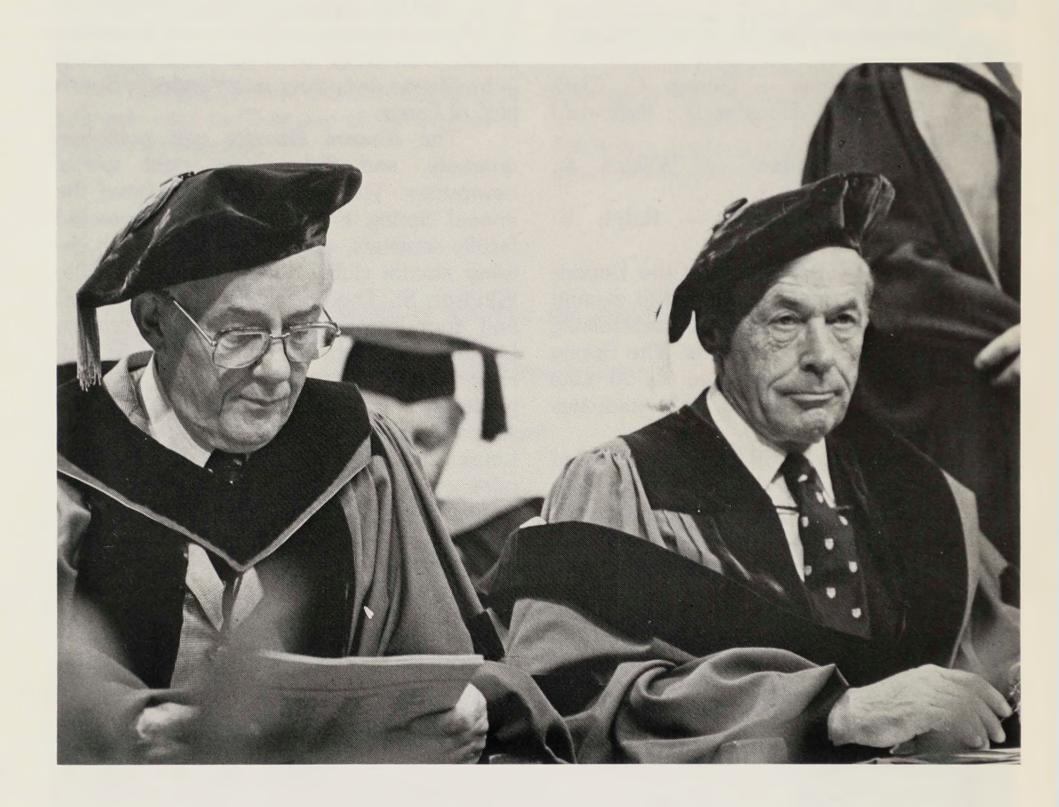
#### 1.6 Convocation

Richard M. Ivey was installed as the 13th Chancellor at the 232nd convocation in the fall of 1980. Because of the investiture ceremony no honorary degrees were presented in the fall. Mr. Ivey delivered the convocation address on October 24, Prof. Clark Leith, the new Vice-President Academic and Provost, on October 25.

At spring 1981 convocation, June 8-13, the University conferred honorary degrees on seven persons with close ties to Western: Edra Sanders Ferguson, jurist;

William Alexander Knox, actor and author; Peter Milburn Towe, Canadian ambassador to the United States; Frederick Harold McNeil, banker; Robert Berkeley Taylor, public servant; James Coyne Taylor, professor emeritus of business; J. Allyn Taylor, former Chancellor of the University.

The academic achievement awards presented at the two convocations were: fall 1980 — 1,241 degrees, 14 diplomas, 16 certificates; spring 1981 — 3,796 degrees, 33 diplomas, 101 certificates.



# Affiliated Colleges

#### 2 Affiliated Colleges

The University continues its close and cordial relationships with the three affiliated colleges, Brescia, Huron, and King's, and with our other neighbour, Westminster College. The full-time enrolment of undergraduate students in the three affiliates was Brescia, 351; Huron, 565; and King's 1,098. Westminster provided residence for an additional 251 students.

The Colleges provide a special academic and social environment within the University community. The faculty members and students have the benefit of the resources of a major university while living and working in the ambience of a small college. Over the years the Colleges have become distinctive centres within the larger academic community, enriching the whole University through their diversity and quality.

#### 3.1 Student Services

The level of activity was high in all Student Services departments, reflecting not only higher enrolment, but also increased student use of available support services. The Placement Office handled 6,767 applications for permanent employment as part of the oncampus recruiting program. More than 3,000 interviews were arranged, an increase of about 15% over the previous year. The number of employers who participated in the program increased by 10% and of the 214 involved, 39 took part for the first time.

Services to disabled students also increased significantly. A Centre for Perceptually Handicapped Students was established with grants from the Academic Development Fund and the Second Century Fund. Acquisition of hardware and staff necessary to operate a production facility for braille and

large-print materials will make Western the best-equipped university in the province for visually impaired students, especially in science and computer science. In addition, a Disabled Students' Resource Centre has been established, providing a variety of print materials and serving as a referral and advisory centre for disabled students.

The Awards Office administered student aid of more than \$15 million, an increase over the previous year of about 16%. In addition, special bursaries have been created for disabled, part-time, and visa students, as well as a Work/Study Bursary program by which students not qualified for other forms of assistance can receive aid for working in University departments.

In February the Health Services staff conducted a Health Fair as part of its expanding program of health education.

#### 3.2 Student Government and Activities

In the area of student government, the University Students' Council sponsored a referendum in which a majority of students voted in favor of discontinuing membership in the National Union of Students. The Campus Food Improvement Committee successfully requested a special Advisory Committee to study food services operations. An application by the student-operated radio station, CHRW, for a low-power FM broadcast licence was approved by the Canadian Radio-Television Commission. Radio Western programing had previously been limited to University residences and to community cable distribution to a limited area of the city. A more contentious issue for the USC was the decision to deratify the constitution of the UWO arm of the Ontario Public Interest Research Group.

Toward the year's end Student Council president Jeff Singer was succeeded by Peter

Luchak. There was also a change in the leadership of the Society of Graduate Students, with Paul Bick assuming the presidency after the resignation of Paul Smith.

USC-affiliated clubs offered a wide range of programs for their members and for the general University community. Outstanding were the Purple Patches production of Cabaret, and the annual Gilbert and Sullivan society offering, this year The Yeomen of the Guard.

During the February study week 50 undergraduates returned to their home high schools in Windsor, Niagara Falls, Mississauga, Chatham, Toronto, and London to speak to prospective university students, in particular those considering UWO.

The Shinerama campaign, a regular feature of orientation, raised \$39,000 for Cystic Fibrosis research.

#### 3.3 Athletics

In 1980-81 Intercollegiate Athletics continued to offer programs of excellent quality and breadth. Despite financial constraints, the University fielded 37 teams in various sports, 19 of which finished in the top three of the Ontario Universities Athletic Association and Ontario Women's Intercollegiate Athletic Association leagues. Outstanding achievements included the victory of the women's track team in the Canadian Intercollegiate Athletic Association Championship and the first-place finishes of

the football, men's tennis, and women's cross-country and alpine skiing teams in their respective leagues.

Individually, Greg Marshall was selected as Canada's outstanding collegiate football player, and Marshall, Jeff Arp, Bill Howard, and Dave Pearson were named to the All-Canadian team. Dave Gordon, Ray Takahashi, and Terry Kilroy won national championships in wrestling; Melaine McKay set a backstroke record at the Canadian Intercollegiate Athletic Union swimming championships; and Bill Smith was chosen for the

## **Student Affairs**

All-Canadian hockey team. Cindy Pavan of the volleyball team was our outstanding female athlete and winner of the F.W.P. Jones Award.

The major issue in athletics during the year was the proposed introduction of athletic scholarships. The position adopted by Inter-

collegiate Athletics and the Faculty of Physical Education, and supported by the University, was that such awards are detrimental to the best interests of the athletes and the University. UWO will remain in competition with universities that elect to offer athletic scholarships only if acceptable conditions can be set.

STUDENT ENROLMENT			
	1979-80	1980-81	1981-82
FULL-TIME CONSTITUENT			
Undergraduate	12411	13615	14329
Post Graduate Interns & Residents	412	425	440
GRADUATE – Fall Enrolments			
Full-Time — Masters — Doctorates	1263 397	1272 409	1333 419
Part-Time — Masters — Doctorates	610 166	586 180	568 183
PART-TIME F.T.E.*			
Undergraduate	2304	2536	2910
Graduate — Fall Term	233	231	226
AFFILIATED COLLEGES			
Full-Time Undergraduate	1952	2014	2160
Part-Time F.T.E.*	69	74	81
* Full-Time Equivalent			

Figure 4

## Academic Affairs

#### 4.1 Enrolment

A surge in enrolment in September 1980 brought the University 4,300 full-time freshmen. On November 1 the Senate reaffirmed the traditional enrolment ceiling of 4,000 freshmen, up to 320 of whom may be International Students. Admission procedures designed to meet the Senate objectives proved effective: freshman enrolment in November 1981 was 4,104 (excluding affiliates), 220 of whom were International Students.

#### Freshmen Enrolment 1981-82

Full-time as of November 1, 1981
Western 4,104\*
Brescia 146
Huron 249
King's 501
\*Includes 220 International Students.

Total undergraduate enrolment in the constituent University as of November 1981 (Figure 4) was 14,329, an increase of more than 700 over 1980.

#### GEOGRAPHICAL ORIGIN OF FULL-TIME CONSTITUENT STUDENTS 1981 – 1982

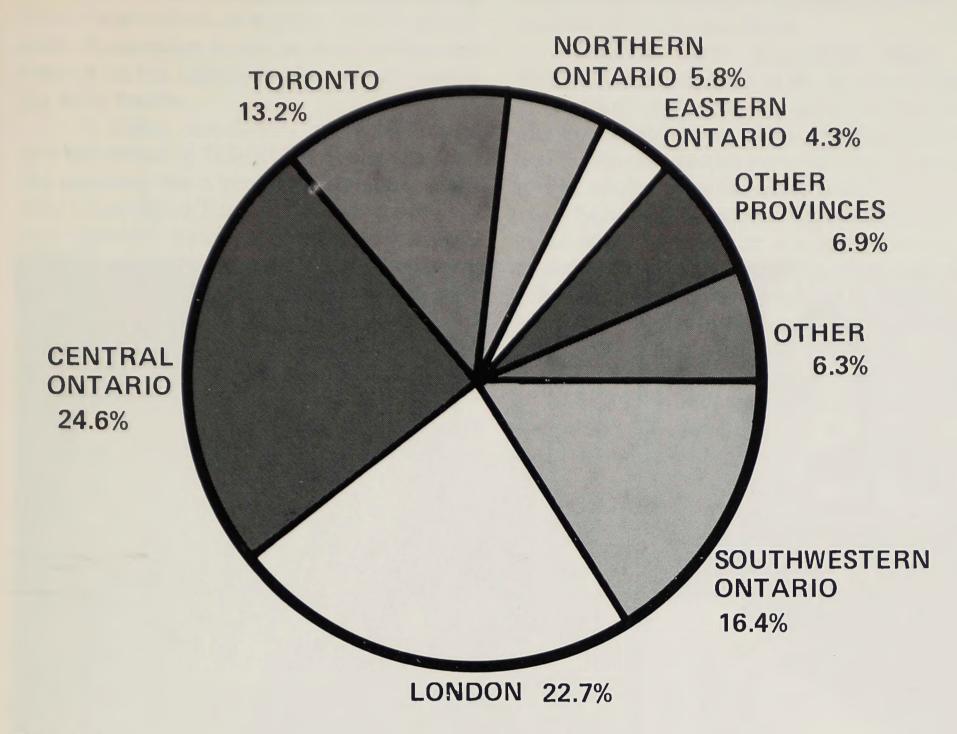


Figure 5

The enrolment limit of 4,000 first-year students will stabilize total full-time enrolment at about 16,500 for several years. As we move into the mid-80s, however, it will be increasingly difficult to sustain the 4,000 figure and special controls to limit over-all first-year enrolment should no longer be required. While uncertainty about Grade 13 enrolments and university participation rates will persist, as will uncertainty about the nature and size of the non-Grade 13 component of our first-year class, demographic trends suggest significant system-level declines during the decade. Western's first year enrolment pro-

bably will not fall below 4,000 until 1985-86. This projection does not take into consideration the possible elimination of Grade 13. While the effect on enrolment of such a decision is not predictable at present, temporary increases in secondary school applications to university will be inevitable.

Graduate enrolments are projected to decline slowly over the next few years. Part-time undergraduate registrations are expected to grow steadily. As Figure 5 shows, the University continues to attract a significant part of its total enrolment from the City of London and the southwestern Ontario area.

#### 4.2 Libraries

This year brought increased activity in most areas of library use:

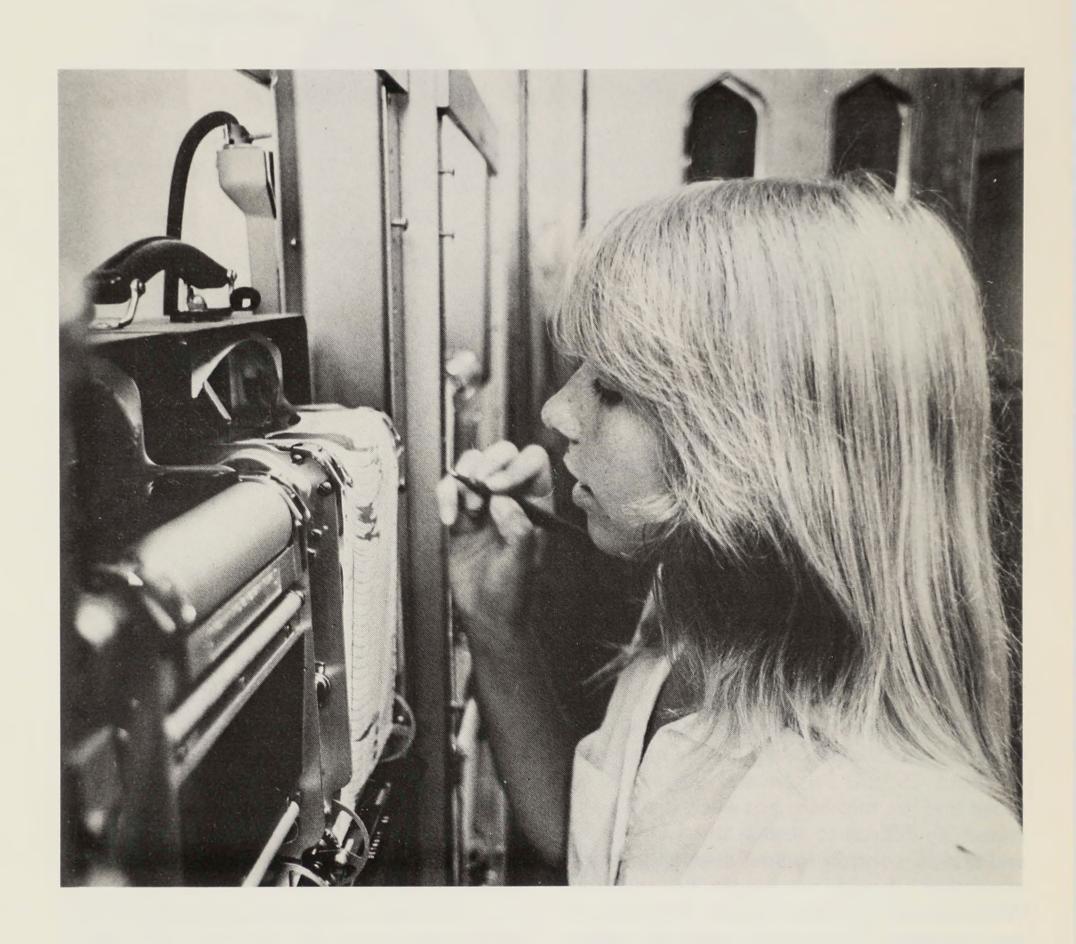
,		
Area of Activity	1981-80	1979-80
Books borrowed	795,917	774,834
Use of materials	1,356,457	1,317,004
Reference queries	150,485	134,163
On-line bibliographic searches	4,275	3,062

Acquisitions totaled 51,248; monographs and bound periodicals numbered 1,437,721. External appraisers invariably judge the library collections capable of supporting these programs.

The Libraries planned for an integrated on-line system to merge and control three

basic files: acquisitions, catalogue of holdings, and circulation. While significantly improving service, the system will also reduce the cost of

library operations by eliminating the maintenance of a number of files and avoiding work duplication.



#### 4.3 Research

In 1980-81 approximately \$20 million was received in external grants and contracts for research projects and personnel. More than half of that amount went to Medicine (\$11.8 million), one-fifth to Science, and approximately 7% each to Engineering Science and Social Science (Figure 6).

The only major equipment grant provided a high-field, high-resolution, nuclear magnetic resonance spectrometer for Prof. J.B. Stothers and his colleagues in the Department of Chemistry. The Second Century Fund financed several other important items of equipment.

Two new programs of the Natural

Sciences and Engineering Research Council (NSERC) were implemented. The Council's Summer Undergraduate Awards enabled 35 students to work under the direction of faculty members in Science and in Engineering Sciences. Ten young career scientists were awarded five-year NSERC-University Research Fellowships and received faculty appointments here.

Of great significance was the University's decision to develop a Surface Science Laboratory for faculty members in Science and Engineering Science, and to encourage more vigorous interaction with industrial organizations in related areas. An ad-

visory committee was established with representatives from industry, government, and the University, and a symposium explored applications of surface science techniques. A campaign to secure external financial support for the Laboratory has shown promising early results.

A major installation grant application was submitted to NSERC in connection with the proposal for a second-generation Boundary Layer Wind Tunnel. Following a site visit and rigorous review of the group's activity, NSERC awarded a grant of approximately one million dollars over three years to meet about half the development costs.

Grants to members or groups in other faculties illustrate the diversity of interests supported during the year:

Arts — \$5,000 from the Social Sciences and Humanities Research Council

(SSHRC) for the acquisition of the papers of Walter Bauer, a German-Canadian poet, \$10,000 for a study of ethical issues in the practice of family medicine.

Health Care Research Unit — \$450,000 for a number of studies; the elderly in the community; the mentally ill in the community; rehabilitation of the disabled; adaptation to home dialysis; psychosocial hearing loss in adults; teen-age pregnancy.

School of Business Administration — in addition to research support of approximately \$350,000 from the Plan for Excellence, \$50,000 for a study of business between Canada and Africa, and \$75,000 for the Centre for International Business.

Social Science — \$107,000 awarded by SSHRC to the Social Science Computing Laboratory for development of a registry of social science research workers in Canada.

# UNIVERSITY RESEARCH OFFICE DISTRIBUTION OF RESEARCH GRANTS 1980-1981

48 119 60

#### FACULTIES/SCHOOLS

Arte

Arts	\$ 40,119.00
Health Care Research Unit	442,242.00
Business Administration	194,320.00
Dentistry	161,706.00
Engineering Science	1,394,421.70
Education	55,009.00
Library & Information Science	9,410.00
Journalism	604.00
Law	6,226.00
Medicine	11,817,572.62
Music	6,431.00
President's Office	277,362.00
Physical Education	16,010.00
Science	3,990,250.24
Social Science	1,297,418.85

UNIVERSITY TOTAL

\$19,707,103.01

Figure 6

#### 4.4 Quality of Teaching

During the past year there were a number of initiatives at all levels to recognize and to promote good teaching.

Annual Awards for Excellence in University Teaching were instituted to recognize outstanding contributions by individual faculty members to graduate and undergraduate education. The first recipients were Prof. C. Farber and Prof. H. Murray of Social Science, Prof. R. Solomon of Law, and Sister Corona Sharp of Brescia College.

Strong support for continued teaching skills development was evident from a survey of full-time faculty by the Provost's Advisory Committee on Teaching and Learning (PACTL). Faculty members considered the most important objective of teaching evaluation to be provision of information to facilitate improvement of teaching. More comprehensive teaching evaluation systems were re-

quested, and the faculty members wished these evaluations to figure heavily in salary, promotion, and tenure decisions.

For four years the University, through PACTL, has provided financial support for educational development. In 1981 the Committee appointed Dr. William Newby as full-time coordinator and instituted a formal service for teaching consultation.

Active experimentation with innovative teaching methods continues, with new self-instructional packages in Health Sciences, Physics, Biology, and Engineering. Microcomputers have found uses in the Language Labs, Music, Physics, and Education. In collaboration with the Ontario Educational Communications Authority and with other Ontario universities, Western has spearheaded development of a multidisciplinary course on Energy and the Environment.



## 4.5 Systematic Review of Teaching and Learning

The University strongly encourages systematic review of all its programs, courses, and classes. There is annual student evaluation of all courses and instructors. Instructors are also evaluated by their colleagues, particularly in association with the University's promotion and tenure procedures. Currently the PACTL is conducting a careful review of present procedures for evaluating the quality of teaching.

Each academic department throughout the University is expected to review its own courses and programs, not only to improve the quality of its offerings, but also to provide instructional programs which reflect the objectives of the University and the needs of its students. The Faculty of Social Science is presently studying its program in Administrative and Commercial Studies. The Faculty of Nursing is undergoing an intensive curriculum review and development process. The Faculty of Medicine, which has just completed a similar review and revision of its undergraduate program, has developed ongoing evaluation procedures for each course in all aspects — objectives, relationship to the program objectives, teaching strategies, methods, quality of instruction, and mechanisms for student evaluation. The Faculty of Law has recently developed a disgnostic system for the evaluation of teaching in its program.

#### 4.6 Visiting Lecturers

Throughout the year many distinguished visitors, including academics from other universities and leaders from business, industry, and government, delivered lectures, took part in colloquia, and met our faculty and students. Noteworthy were the two writers-in-residence, Sylvia Fraser in the fall term and Matt Cohen during the spring term.

The major lectures and lecture series of the year were:

The James A.F. Stevenson Memorial Lecture, October 9 — Dr. Arthur Guyton, Professor and Chairman of the Department of Physiology and Biophysics, University of Mississippi: "Experimental and Computer Analysis of Hypertensive Mechanisms."

The University Lectures in Chemistry, October 27-29 — Dr. William Platt Jencks,

Professor of Biochemistry, Brandeis University: "How Does a Reaction Choose Its Mechanism?", "When Is an Intermediate Not an Intermediate?", and "What Makes Enzymes Work?".

The Sir Ellsworth Flavelle Memorial Lecture, November 25 — Prof. Jiro Suzuki, Professor and Chairman of Neurosurgery, Tohoku University School of Medicine, Institute of Brain Diseases: "Moyamoya Disease".

The Joanne Goodman Lectures, March 10-12 — Prof. Geoffrey Best, Dean of the School of European Studies, University of Sussex: "Honour Among Men and Nations".

The inaugural Tamblyn Lectures, March 25-27 — Dr. Northrop Frye, University of Toronto: "The Myth of Deliverance: Aspects of Comedy".

#### 4.7 English Proficiency

Proficiency in oral and written English should be prerequisite for a University degree. For several years large numbers of students have registered for Department of English courses in public speaking. Many students in the course are preparing for careers in business, law, or engineering.

Three years ago the Department initiated a pilot project of two writing courses. The number of sections increased from two each in the original first and second term courses to five in 1980-81 and 11 in 1981-82. The first course addresses basic problems of structure, thesis definition, punctuation and paragraphing; the second provides instruction in advanced exposition and persuasion. A recently approved third term course of advanced training in rhetoric and argumentation will be added to the Department within one year.

#### 4.8 Health Sciences

Enrolment levels in the major Health Sciences undergraduate programs — medicine, dentistry, nursing, communicative disorders, occupational therapy, and physical therapy — have remained constant for a number of years. All programs continue to attract large applicant pools from which are drawn students of high academic achievement and potential.

The volume of basic and clinical research continued to increase in all the Health Sciences programs. The largest increases were in the basic science and clinical medical departments, with over \$10 million in external research funds in 1980. The Medical Research Council made a major award for a multi-centre trial of Cyclosporin A in the prevention of rejection in renal transplants. Dr. C. Stiller will direct the research. The Terry Fox Fund of the National Cancer Institute funded a training program in cancer research under the supervision of Dr. D. Denhardt, Director of the Cancer Research Laboratory, and Dr. H. Bush, Director of the Ontario

Cancer Treatment and Research Foundation Clinic at Victoria Hospital. The Ontario Ministry of Health provided funds for a Biohazard Level D Containment Facility on the sixth floor of the Dental Sciences Building. It also funded the Faculty of Dentistry's Simulated Practice Environment Clinic, in which dental students and assistants can be trained in "four-handed dentistry." In recognition of its dental clinical services in the teaching hospitals, the Faculty received provision for a continuing annual Ministry grant.

In the fall of 1980, the Faculty of Nursing celebrated its 60th anniversary. Activities in 1980-81 included a review of its two undergraduate programs, introduction of a revised curriculum for the graduate program, and initial planning for an area of concentration in gerontological nursing. Another important development is a cooperative arrangement whereby registered nurses may take non-nursing courses at the University of Waterloo and apply these credits toward Western's B.Sc.N. degree program.

#### 4.9 Diplôme de français pratique

The Diplôme de français pratique program was created three years ago for students desiring a high level of fluency in written and spoken French. There are five courses involving the study of French Language, commercial French, translation at various levels, and French or French-Canadian civilization. The program also requires a period of work or study in a French milieu.

The course in commercial French has been particularly well received by students. In it they study the organization of commercial enterprises, basic economic concepts, financial institutions, buying and selling, distribution and transportation of goods, export/im-

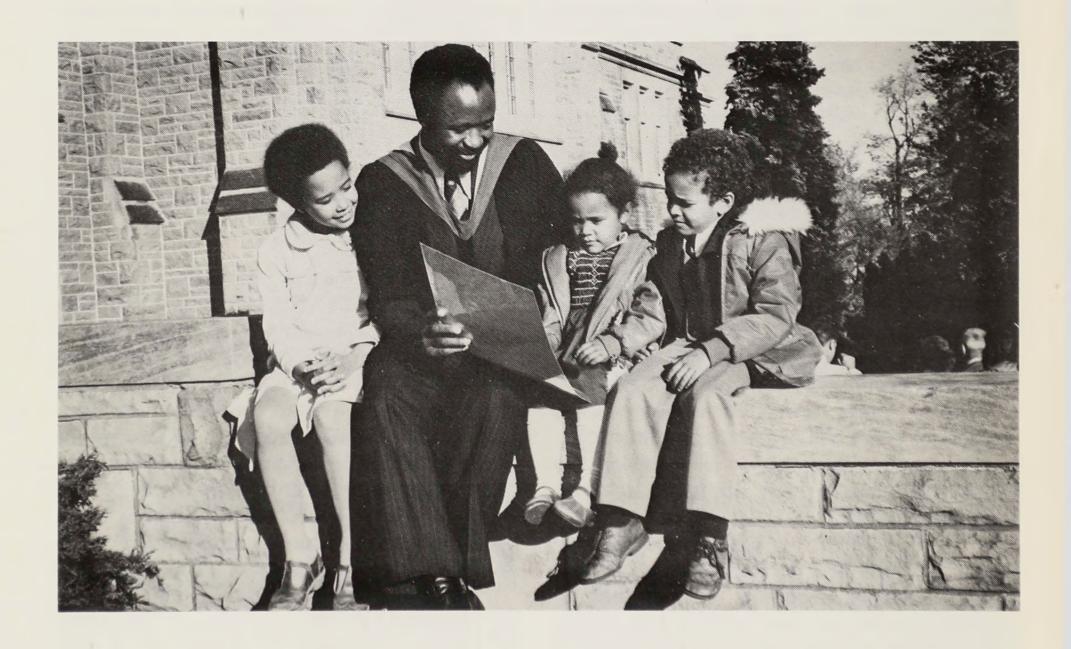
port, and communication. They also acquire sufficient fluency to work in such areas. Students taking commercial French may proceed to examinations leading to the **Diplôme supérieur de français des affaires** awarded by the **Chambre de commerce et d'industrie de Paris.** In 1980-81 eight Western students were the only Canadians to receive this Dipôme supérieur, three being given "mention bien."

In 1980-81 the Department of French created a joint program with Administrative and Commercial Studies in the Faculty of Social Sciences. This program, unique in Canada, permits students to develop skills in two complementary areas.

#### 4.10 Trois-Pistoles

The Summer School, operated since 1933 in Trois-Pistoles, Quebec, continued to attract large numbers of students to its credit language immersion program. In 1981 enrol-

ment was 137 in the Intersession (May-June) and 202 in the Summer Session (July-August). For the 41st year a program of English courses was offered to residents of the Trois-Pistoles area.



#### 4.11 Mature Students

Students returning to formal university studies after an interval are becoming more numerous. Presently there are more than 3,500 on campus and at our extension centres. In the past year the University has taken a number of steps to meet the challenge of

responding to their special interests. The Faculty of Part-Time and Continuing Education now includes a Mature Student Advisor. A mature student drop-in centre was organized in the University Community Centre. Special orientation sessions and workshops for mature students were provided.

#### 4.12 Continuing Education

Enrolment in the program of the Faculty of Part-Time and Continuing Education increased by 70% in 1980-81. This increase was accompanied by — perhaps prompted by — innovative and distinctive programing, for example:

Special programs — Art of the North, Aging, Math Anxiety.

An award-winning conference on Women and Mental Health.

A free Noon-Hour Lecture Series at the London Public Library (total attendance ap-

proximately 1,100).

Part-Time and Continuing Education also presented courses and workshops in cooperation with several other faculties of the University, and with professional and civic groups including the Canadian Mental Health Association, the London Symphony Orchestra, and the London Regional Art Gallery.

In addition, most of the professional schools developed or participated in continuing education programs in their respective disciplines.

#### 4.13 Non-Credit Language Programs

The 1980 English Language Summer School was the largest in the School's eight-year history. Thirty-eight students from 10 foreign countries and 100 Quebec residents completed the intensive six-week School, sponsored by the Secretary of State's Summer Language Bursary Program.

Over the summer of 1980, the Faculty of Part-Time and Continuing Education and the Faculty of Education developed a new immersion weekend for elementary and secon-

dary teachers of French who, because of professional or family commitments, were unable to attend longer summer programs. Three French Immersion Weekends for teachers were held during the 1980-81 academic year — in October, February, and May — with a total of 130 participants.

Short non-credit courses in French, English as a Second Language, and foreign languages increased in popularity during 1980-81.

#### 5.1 Physical Plant

In June 1980 the Senate and the Board of Governors approved a Five-Year Plan for Relocation of Facilities. This plan, developed over a two-year period by the President's Task Force on Major Capital Requests, proposed adjustments in response to enrolment and academic program changes, as well as research needs. The total cost of the plan, along with other related projects, is estimated at \$12 million.

During the July 1, 1980 — June 30, 1981 period the Plan was implemented on schedule. The Department of Pure Mathematics was moved to Middlesex College, allowing expansion of the Faculty of Engineering Science and the Department of Computer Science. The move of Astronomy to the Physics Building was initiated and scheduled for completion by September 1981. Construction of the new facility for the Museum of Indian Archaeology was completed.

A major element of the Plan is the move

to Elborn College of the Program in Communicative Disorders (from the Social Science Centre), the School of Library and Information Science (from the S.L.I.S. Temporary Building), and the Program in Physical Therapy (from University Hospital). A contract was awarded in March 1981 for the alterations to Elborn College, left vacant when the Faculty of Education was consolidated into Althouse College in 1980. The total project cost was approved at \$2,560,000, and completion was scheduled for December 1981.

The \$238,600 project to consolidate the Health Sciences and the Sciences Libraries in the Natural Sciences Building began in April 1981 with the awarding of a contract for the construction of an elevated walkway between the Health Sciences Complex and the Natural Sciences Building.

Renovation of the J.W. Little Memorial Stadium also began. The repairs, estimated at \$489,000, should extend the life of the facility by 25 years.

## Administration

#### 5.2 Sherwood Fox Arboretum

After several years of discussion and planning, the campus was designated as an arboretum. Dr. J.B. Phipps, Chairman of the Department of Plant Sciences, was appointed Director. On the recommendation of the President's Advisory Committee on Campus Conservation, the Board of Governors named the new enterprise the Sherwood Fox Ar-

boretum in honor of the former president who was a noted naturalist.

One of the first major projects was a campus inventory. During the summer of 1980, two students located and tagged every plant, tree, or bush over one meter in height — 3,750 specimens. The work of identification and labelling will be continuing at least until 1984.

#### 5.3 Energy Management

Energy management programs continued to contribute significantly to Western's economic health as well as to the nation's goal of energy self-sufficiency. During the past 12 months, power and fuel expenditures were one million dollars less than they would have been had energy consumption continued at the pre-1971 level. This represents a saving of 38%. Although most economically viable

methods of reducing energy consumptionhad already been carried out, there were minor advances during the past year: the conversion of humidifying systems in the Engineering and Mathematical Sciences Building; the centralized control of systems in Althouse College; the installation of heat recovery units in the Heating Plant and the Medical Sciences Building; and a program for converting vehicles to propane operation.

#### 5.4 Occupational Health and Safety

Implementing provincial legislation concerning safety in the workplace, the University supported a variety of safety programs: first-aid courses, fire extinguisher training courses, hearing conservation, radiation safety, TB testing, rabies immunization, and other

tests and services required by specific occupational groups. New programs involved hazardous waste disposal and x-ray equipment safety.

The annual number of disabling accidents was reduced to a new low of 1.21 per 100 employees.

### **Financial**

#### 6.1 Financial Report

For many years the University has placed emphasis on effective planning and budgeting and on careful financial administration.

Each year presidential advisors prepare a detailed forecast of enrolment and income for the three-year period immediately ahead, and also a more tentative longer-range forecast. This document becomes a basis for faculty and administrative planning. Subsequent plans are reviewed by the Senate Committee on University Planning, and in turn guide the Senate Budget and Finance Committee in its assessment of financial needs. The Committee's recommendations go initially to the Senate and ultimately to the Board of Governors for approval. Thus, within the present constraints, the annual operating revenues of the University are allocated to approved programs of each budget unit.

The policy of the Board of Governors is that the annual operating budget should be balanced. While a small surplus or deficit may remain at the end of any particular year, these differences cancel out over a longer period.

The sources of operating revenue are shown in Figures 7, 8, 9, and 10. The major source is the operating grant from the provincial government which incorporates a federal contribution through legislated transfer payments. The operating grants are distributed among Ontario universities by a formula related to enrolment levels. Student fees, which contribute approximately 15.2% of revenue, are fixed by the provincial government. In recent years, however, increases in fee levels have been indexed to the increase in grant levels.

During the late 1970's, provincial funding of Ontario universities did not keep pace with cost increases. While the annual shortfall was only 2-3%, the cumulative impact after several years has been extremely serious. The University has attempted to maintain the strength and diversity of academic programs, while economizing by means of innovative management systems, reduced service levels,

and compromises in plant maintenance schedules and replacement of obsolescent

capital assets.

In January 1981 the Ministry of Colleges and Universities (MCU) announced a university funding level of \$932.5 million for 1981-82. While this represents a 10% increase over the previous level, it is significantly below the 14.9% recommended by the provincial government's advisory body, the Ontario Council on University Affairs (OCUA).

The relative decline in funding levels for Ontario universities has been documented in reports prepared by the Tripartite Committee on Interprovincial Comparisons of University Expenditures, a committee established in 1977 by the Council of Ontario Universities (COU), OCUA, and MCU. These reports are

cited in the 1981 COU Operating Grants Committee Report:

Analysis of percentage increases in university operating grants revealed that Ontario ranked third among the provinces in 1976-77 and dropped to ninth position in 1977-78 and to 10th in 1979-80, where it remains.

An interprovincial comparison of university operating grants per FTE (Full-Time Equivalent) student reports Ontario has declined from granting the fifth greatest amount per student in 1974-75 to the least amount per student in 1980-81. In dollar terms, the gap between Ontario's provision per student and the average for the rest of Canada has grown from \$129 in 1974-75 to \$812 in 1980-81. (At this University the revenue per full-time student declined in 1970-71 dollars from \$3,271 ten years ago to \$2,988 in the current year — a 9% decrease.)

In the period 1972-73 through 1980-81, the universities' share of total government budgetary expenditure decreased from 6.1% to 5%.

#### 6.2 The Second Century Fund

The Second Century Fund campaign, which officially began in October 1979, had total pledges of \$5,445,221 as of July 1, 1980, and \$9,188,525 by June 30, 1981. Donations were received as follows:

From	\$ Millions
Corporations	4.5
Foundations	2.9
Individuals (Alumni*, Friends,	
Faculty, Staff, Bequests)	1.8
	\$9.2

<sup>\*</sup>Alumni gifts are usually allocated to Foundation Western, which has received \$1,120,102 in pledges and cash.

Co-Chairmen F.H. McNeil and R.B.

Taylor report excellent results from both the Corporate and the Foundation sectors. Alumni giving improved considerably during the 1970's, and Faculty/Staff participation is substantially higher than for the 1963 campaign.

Allocations from the Second Century Fund will conform as closely as possible to the program approved by the Board of Governors in 1979. While the major emhasis is on the support of research in selected areas, major allocations will also be made in other critical areas, for example scholarship support, physical plant renovation, and library acquisitions.

#### 6.3 Foundation Western

A separately incorporated body created by the Alumni Association, Foundation Western recently completed its second year of operation. The Foundation solicits donations from alumni and other friends of the University, holds and invests these gifts in an endowment fund, and makes grants to various campus projects from the earned interest.

The Foundation's initial goal of one million dollars was achieved in cash and pledges in the two years ending April 30, 1981. Operating expenses were approximately \$70,000 annually.

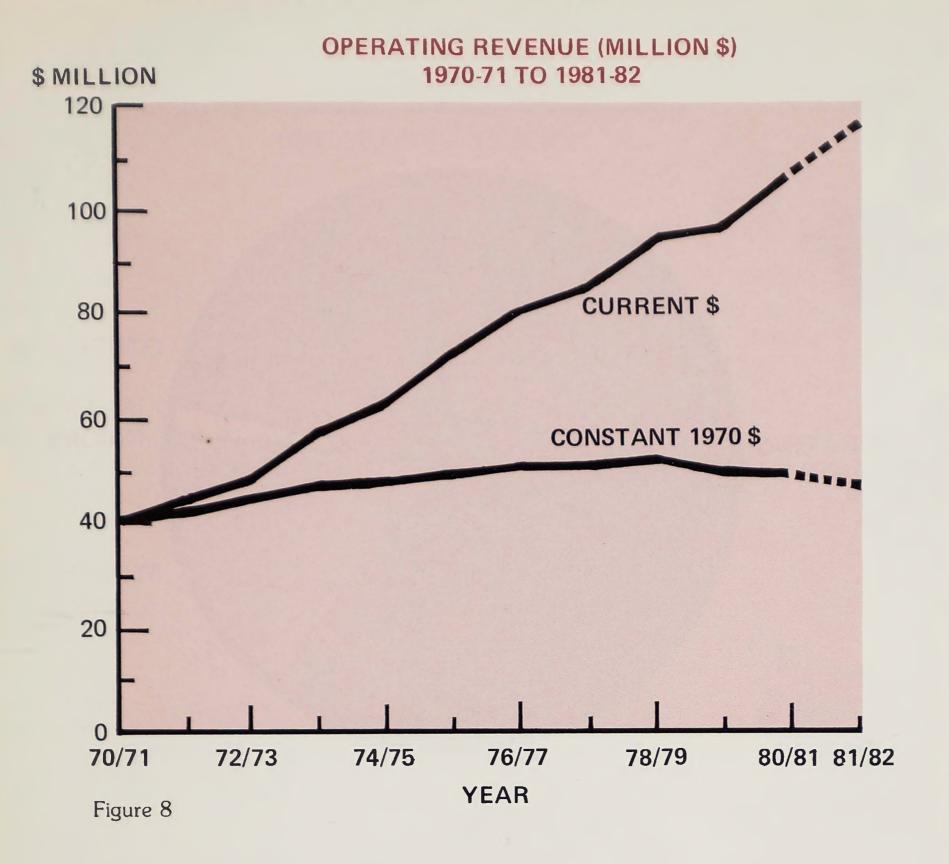
# SUMMARY OF BASIC OPERATING REVENUES AND EXPENSES (a) YEAR ENDED APRIL 30, 1981

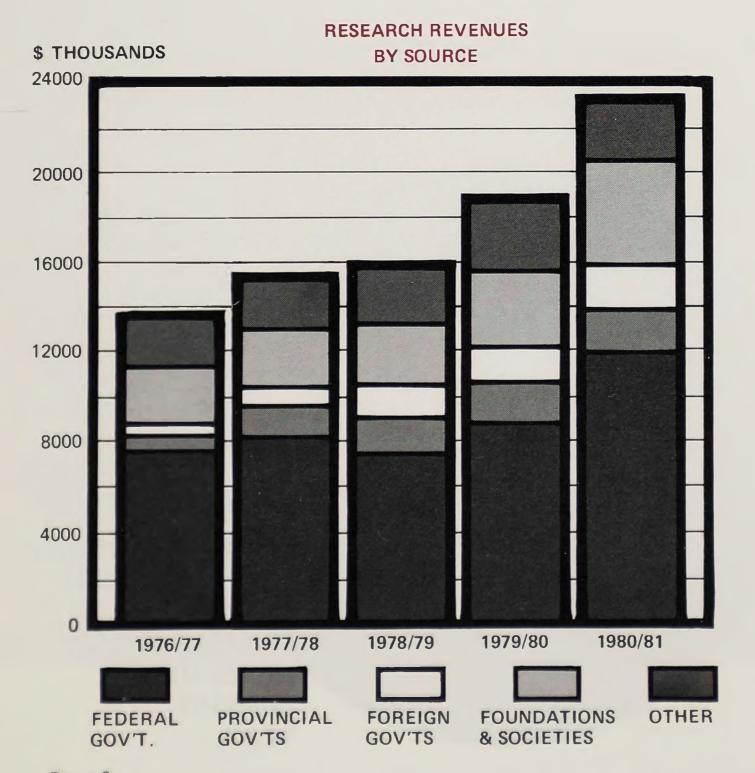
## (with comparative amounts for the year ended April 30, 1980)

REVENUE:	1981	1980
	(000's)	(000's)
Government grants -		
Province of Ontario -		
Operating grant	79,682	74,619
Municipal tax grant	724	732
City of London	90	103
Other municipalities	38	37
Language Summer Schools	366	364
Educaton - non-formula	-	37
Student academic fees	15,826	12,715
Salaries recovered from hospitals and		
other joint appointments	4,250	3,491
Investment income (net)	2,038	1,919
Miscellaneous	816	420
Total revenue	103,830	94,437
EXPENSES AND PROVISIONS:		
Academic	64,970	57,773
Academic support units	11,408	10,202
Administration	5,395	4,442
Student services	2,723	2,282
Physical Plant	9,396	8,468
Unallocated staff benefits	8,530	7,841
Other expenses and provisions	1,895	3,317
Total aparating avpances and provisions	104,317	94,325
Total operating expenses and provisions	104,317	94,329
Net Surplus (Deficit) for the year	(487)	112
Basic Operating Reserve at end of year	1,565	1,529
Basic Operating Reserve as a percentage of		
total annual expenses	1.5	1.6

<sup>(</sup>a) The basic operating budget includes the academic, academic support and administratrative functions of the University. Total University expenditures for the year ended April 30, 1981 were \$155.4 million, including Research (\$22.2 million), Ancillary Operations (\$19.7 million) and Other Funds (\$9.2 million). Total University expenditures for the year ended April 30, 1980 were \$136.0 million.

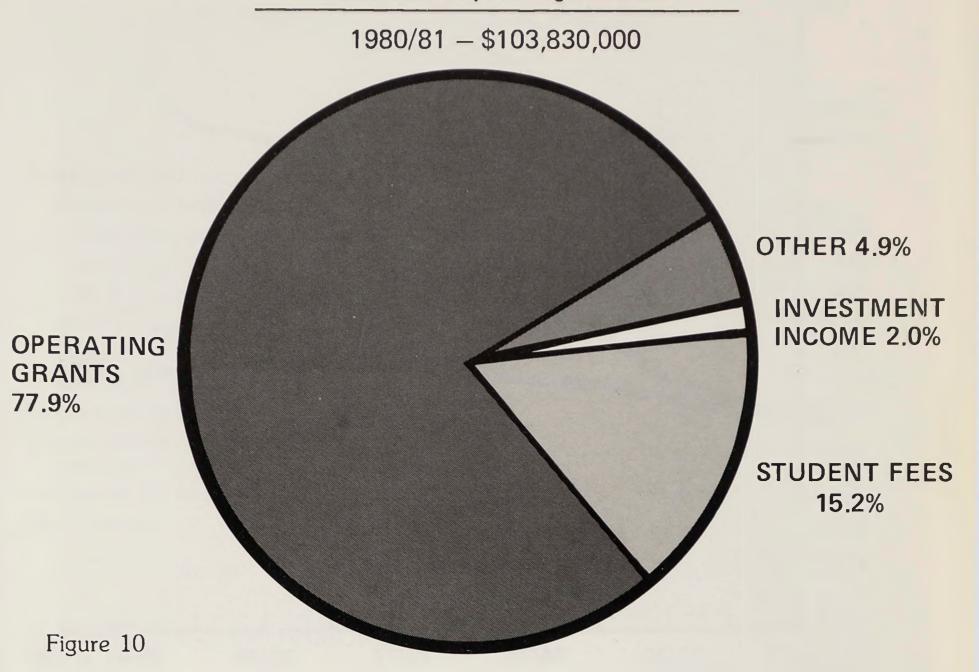
Figure 7





# BASIC OPERATING REVENUES & EXPENDITURES 1980/81

#### Total Basic Operating Revenue



#### **Total Basic Operating Expenditures**

1980/81 - \$104,317,000

