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Report of the President 1982-83



Introduction

This report provides a record of significant events at The University of Western Ontario during the academic year 1982-83, of some of the achievements of the men and women who live and work in the University, and of the recognition which they received. No report limited in size could possibly record all the achievements of the year because virtually every student and every staff member contributes in some way to our common enterprise. I hope, however, that the selection I have made will convey the impression of an harmonious, active and intellectually vigorous community.

Most of the serious problems which we faced in the course of the year can be traced to their origins in deficiencies of operating and capital revenue. This University, in common with all others in Ontario, is maintaining resources and programs for which there is not an adequate funding base. The policies of the provincial government are such that the only permissible strategic option for the universities is that of expenditure reduction. Western has been successful in achieving efficiency in administration and in using our revenue to the greatest possible extent for the benefit of students and to support the research work of faculty members. Further reductions in expenditure will, however, have serious effects upon our ability to maintain our programs and our plant at the standard to which we aspire.

At this critical time we are more than ever dependent upon the interest and support of the wider community. I think particularly of our alumni, of the counties and towns in southwestern Ontario, of members of our own Board and of our numerous benefactors across Canada. Private financial support for Western has been growing at an impressive rate in recent years and has had a remarkable impact upon the quality of our work. The impact of this private support will, however, be negated if the foundation of public support is continually eroded. It is important, therefore, that members of this wider community advocate responsible governmental policies which will maintain the strength and integrity of higher education.

With your support, The University of Western Ontario will continue to demonstrate the strength and quality which was evident in 1982-83.



G.E. Connell
President and Vice-Chancellor

Governance

In 1983 the Senate and the Board of Governors approved a proposal to combine the offices of the Secretary of the Senate and the Secretary of the Board of Governors. The combined Board/Senate Secretariat was established on July 1, 1983. Janis K. Van Fleet, formerly Secretary of the Senate, now serves as Secretary of the Board as well as Secretary of Senate.

1.1 Senate

With the implementation of The University of Western Ontario Act (1982), the membership of Senate increased by six seats — four from the Faculty of Graduate Studies and two from the Administrative Staff — for a total membership of 89. The 88 voting members and one non-voting member of Senate during 1982-83 are listed in Figure 1.

Senate approved major revisions to the three-year BA program, which will be implemented in the Fall of 1984. The principal changes include requirements for two "essay" courses, at least one course from each of the faculties of Arts, Science and Social Science, and an area of concentration consisting of five senior courses.

The university-wide requirement for proficiency in English was strengthened to state unequivocally the commitment of the University to this element of higher education. Revisions to the general requirements for admission, progression and graduation standards of honors programs were made, as well as revisions to the baccalaureate programs in Nursing. New programs in Applied Mathematics and Computer Science at both the three-year BSc and four-year BSc honors level were approved.

Senate authorized the Faculty of Graduate Studies to withhold new enrolment in the environmental option of the MEng program, the MA program in German and in several MCISc programs which had been undersubscribed for several years.

The subcommittee on Priorities in Academic Development reviewed 72 applications for funding from the Academic Development Fund. One percent of the operating budget of the University is set aside to support academic innovation and research through the Academic Development Fund. In 1983, awards were granted to 25 new projects, with funding terms of one to three years.

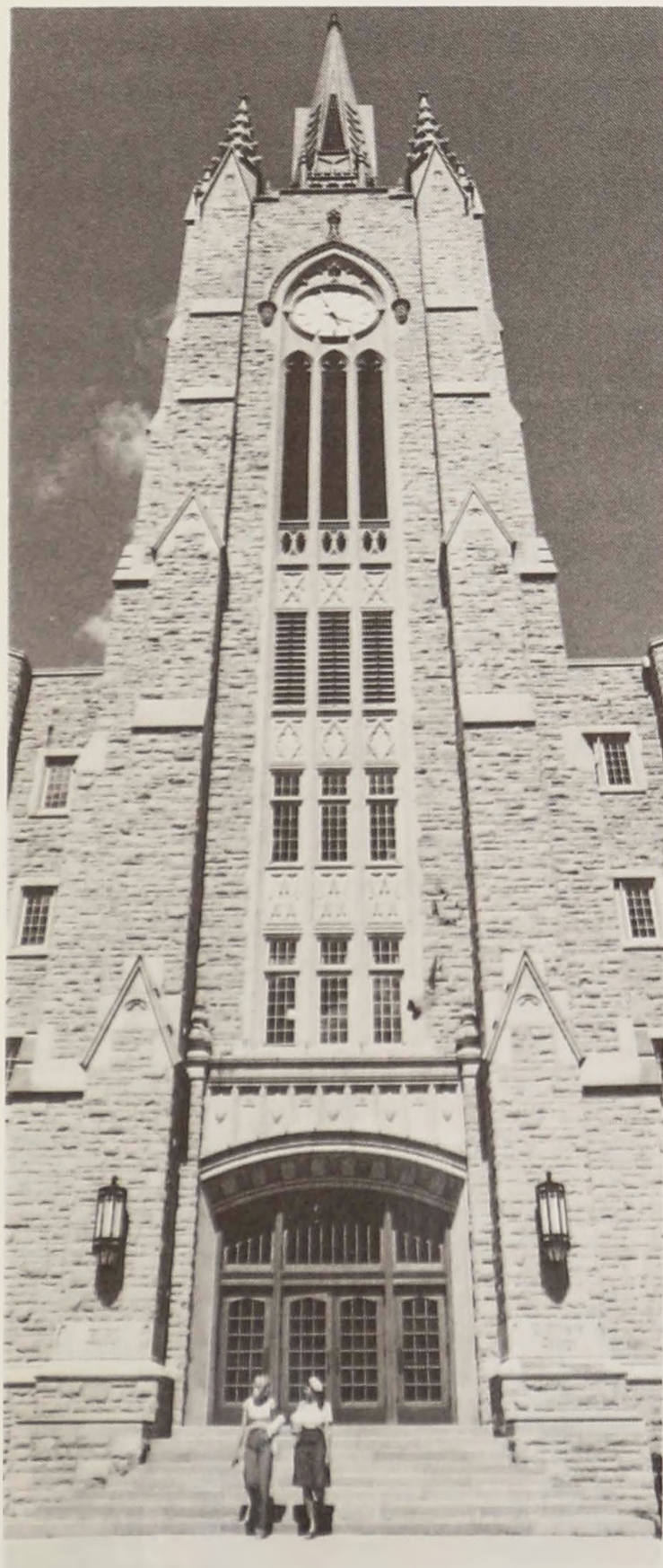


Figure 1

Senate Membership — 1982-83

Ex Officio

Chancellor	R.M. Ivey
President and Vice-Chancellor (Chairman)	G.E. Connell
Vice-Presidents: Academic	J.C. Leith
Administration and Finance	A.K. Adlington
Health Sciences	D. Bocking
Deans: Faculty of Arts	T.J. Collins
School of Business Administration	C.B. Johnston
Faculty of Dentistry	R.I. Brooke
Faculty of Education	P.B. Park
Faculty of Engineering Science	G.F. Chess
Faculty of Graduate Studies	H.B. Stewart
School of Journalism	P. Desbarats
Faculty of Law	P.W. Slayton
School of Library and Information Science	W.J. Cameron
Faculty of Medicine	M.J. Hollenberg
Faculty of Music	J. Behrens
Faculty of Nursing	L.S. Brown
Faculty of Part-Time and Continuing Education	T.N. Guinsburg
Faculty of Physical Education	A.W. Taylor
Faculty of Science	J.B. Bancroft
Faculty of Social Science	D. Smith
Director of Libraries	R.E. Lee
Registrar	D.A. Chambers
Secretary of the Senate (non-voting)	J.K. Van Fleet

Elected	
Faculty of Arts	G.M. Eramian (Russian Studies) L.H. Forsyth (French) D.E. Gerber (Classical Studies) E.N. Mellamphy (English)
School of Business Administration	J.R. Kennedy
Faculty of Dentistry	I.D.F. Schofield (Oral Medicine)
Faculty of Education	F.B.W. Harper
Faculty of Engineering Science	I.J. Duerden
Faculty of Graduate Studies	N.C. Baird (Chemistry) J.D. Cooke (Physiology) C.B. Hieatt (English) R. McDaniel (Geography) J.R. Trevithick (Biochemistry) E.R. Tustanoff (Biochemistry) D.B. Walden (Plant Sciences) P.C. Whitehead (Sociology)
School of Journalism	F.K. Bambrick
Faculty of Law	E.E. Palmer
School of Library & Information Science	J. Fyfe
Faculty of Medicine	J.E. Boone (Paediatrics) R.W. Gunton (Medicine) A.H. Martin (Anatomy) M.D. Silver (Pathology)
Faculty of Music	H. Fiske
Faculty of Nursing	J. Forrest
Faculty of Part-Time and Continuing Education	G.I. Gonser (Physical Education)
Faculty of Physical Education	R.K. Barney
Faculty of Science	F.P.A. Cass (Mathematics) T.D. Gaily (Physics) R.A. Haines (Chemistry) J. Starkey (Geology)
Faculty of Social Science	D.H. Avery (History) N.L. Nicholson (Geography) T.R. Sansom (Political Science) J.H. Stevenson (Secretarial & Admin. Studies)
Affiliated Colleges: Brescia College	Sister Dolores Kuntz
Huron College	P. Chimbos
King's College	J.G. Morden J.P. Schachter J.D. Morgan P.J. Mueller
Graduate Students	C. Crawford S. Hill A.B. Plumstead
Undergraduate Students	E. Burak T. Carswell S. Davey M. Gates T. Hammond T. McClenaghan F. McCutcheon M. Medline S. Penfound L. Richie S. Smith L. Williams
Administrative Staff	P. Krickmire M. Richmond
General Community: Alumni Association	J.N. Given W.F.M. Haight
Appointed by Senate	J. Hilton P. Cohen J.E. Lubell
Board of Governors	G.F. Francolini S. Lerner



1.2 The Board of Governors

The membership of the Board as of July 1, 1983, is presented in Figure 2.

W.A. Jenkins was elected Chairman and R.G. Siskind was elected Vice-Chairman for the period July 2, 1983, to December 31, 1983.

Among the major decisions of the Board in 1982-83 were approval of the construction of the Boundary Layer Wind Tunnel II and the University's sponsorship of and participation in the John P. Robarts Research Institute.

The Municipal Government Committee recorded another successful year in its liaison with the municipal councils of southwestern Ontario. Delegations from the University visited all eighteen councils, sixteen of which authorized grants and related awards totalling \$128,000 for 1983. Most of the councils sent delegations to the University's Councils Day on June 15.

Figure 2

Board of Governors — July 2, 1983

Appointed by Lieutenant-Governor in Council	W.R. Monteith, G.C. Patton, R.G. Siskind
Appointed by City of London Council	J.E. Inch, S. Lerner, E.H. Orser
Elected by the Board of Governors	B.R. Dodds, N. Poole, E.J. Smith, P.N.T. Widdrington
Appointed by the Board of Governors	A.K. Adlington, D. Bocking, J.C. Leith
Elected by Senate	L.H. Forsyth, R.W. Gunton
Elected by Administrative Staff	J. Leyshon, P. Wall
Elected by Faculty	C.M. Carmichael, A.G. Heinicke
Elected by Students	J.M. Erling, B.A. Sweeney (Undergraduate), P.S. Crookall (Graduate)
Elected by Alumni	E. Good, W.A. Jenkins, P.C. Maurice
Ex Officio	R.M. Ivey (Chancellor) G.E. Connell (President) M.A. Gleeson (Mayor, City of London) G. Romphf (Warden, Middlesex County) J.K. Van Fleet (Secretary of the Board) (non-voting)

1.3 Community Relations

Service to the community by individual faculty members and by the University as an institution is a strong tradition at Western. The following are a sampling of Western's outreach programs.

The Community at large makes extensive use of our physical plant. Some 2,400 activities were held on campus and organized, for the most part, by non-university organizations, primarily to benefit persons outside the University. Among these activities were concert and theatre performances, film showings, athletic and social events, as well as meetings.

The Faculty of Part-Time and Continuing Education continues to expand and diversify its long-standing effort to make Western's educational resources broadly available to the community. Western is currently offering evening courses for degree credit at Saunders Secondary School, the London Public Library and the General Motors Diesel, Firestone Steel and 3M plants. A daytime program offered to women in the Westmount subdivision met with a most enthusiastic response. The Faculty's program of non-credit courses in language, dance, personal development and subjects of general interest has been greatly enlarged. These courses are offered with no charge to senior citizens and modest tuition fees for others.

A strong presence in London is the Health Sciences Centre. The academic units of the Centre are the Faculties of Dentistry, Medicine and Nursing and programs in Communicative Disorders, Physical and Occupational Therapy. Health Sciences maintains firm relations with a

great many institutions and agencies in the health field in southwestern Ontario. The referral of many patients each year to the Facial Pain Clinic illustrates the type of community-based program which is becoming more prominent in the Health Sciences. The Facial Pain Research Unit, a recent initiative in the Faculty of Dentistry, undertakes basic research into oral and facial pain. The collaboration allows the treatment of patients to be closely linked with research dedicated to improved management of this serious health problem.

The Faculty of Law is co-operating with the local bar and court in a study of dispute resolution involving lawyers, judges and the Small Claims Court. An Educational Clinic in the Faculty of Education provides a free consulting service for children and young adults with learning difficulties, primarily in reading and mathematics. The Clinic accepts referrals from parents, medical practitioners and local school boards.

The Map Library in the Department of Geography has had, from its beginning, a mandate to serve the community, as well as the University. Much of this role is devoted to assisting local schools by receiving school classes, acting as a resource centre, contributing to professional development of teachers and donating duplicate copies of superseded map sheets for use as teaching aids. During the last five years, over 27,000 maps have been sent to London and area schools.

About 15,000 people visited Western's display at the International Plowing Match at Lucan in late September of 1982. The presentation outlined four current projects related to agriculture:

(i) making some cereals more productive in the low temperatures and shorter seasons of our northern climate

(ii) stopping the spread of the weed 'proso millet' often used in bird seed

(iii) the growing of jerusalem artichokes to produce fuel alcohol, with animal feed a by-product

(iv) aquaculture of Ontario crayfish as an export commodity.

Last year our University Library issued 628 guest-borrowing cards. The McIntosh Gallery attracted approximately 14,000 visitors to its exhibitions during the year. Twenty-seven exhibitions, film series and lectures were presented which were open to the public at no charge.

1.4 Personnel

(i) New Appointments

D.W. Banting, *Associate Dean Academic, Faculty of Dentistry*

J.M. Beeckmans, *Chairman, Chemical and Biochemical Group, Faculty of Engineering Science*

J.E. Boone, *Chairman, Department of Paediatrics, Faculty of Medicine*

J.R.G. Challis, *Director, Research Institute, St. Joseph's Hospital*

D.F. Chapin, *Assistant Dean (Arts and Social Sciences), Faculty of Graduate Studies*

C.A. Creider, *Chairman, Department of Anthropology, Faculty of Social Science*

S.B. Galsworthy, *Assistant Dean (Physical Sciences and Biosciences), Faculty of Graduate Studies*

J.M. Gilchrist, *Dean, Faculty of Nursing*

R.M. Harris, *Assistant Dean, School of Library and Information Science*

H. Heeneman, *Chairman, Department of Otolaryngology, Faculty of Medicine*

J.S. Hill, *Assistant Dean, Faculty of Physical Education*

R.W. Hodder, *Chairman, Department of Geology, Faculty of Science*

R.E. Jordan, *Associate Dean, Clinical Affairs, Faculty of Dentistry*

P.K. Lala, *Chairman, Department of Anatomy, Faculty of Medicine*

T.M. Lennon, *Associate Dean, Faculty of Arts*
J. MacKinnon, *Director, Program in Occupational Therapy, Faculty of Medicine*

W.C. McMurray, *Chairman, Department of Biochemistry, Faculty of Medicine*

D.K. McNair, *Acting Dean, Faculty of Law*

J. Nicholas, *Chairman, Department of History of Medicine and Science, Faculty of Medicine*

H.B. Rooney, *Assistant Vice-President (Community Relations)*

T.F. Sea, *Associate Dean, Faculty of Social Science*

J.J. Teevan, *Associate Dean, Faculty of Social Science*

A.W. Tweed, *Chairman, Department of Anaesthesia, Faculty of Medicine*

J.K. Van Fleet, *Secretary, Board of Governors and Senate*

A.R. Webster, *Chairman, Electrical Group, Faculty of Engineering Science*

(ii) Honors, Awards, Appointments

The University of Western Ontario takes pride in the achievements of its members who receive external honors and awards. Among those who have been honored this year are:

Dr. Angus D. McLachlin, a pioneer in surgical education at Western, was honored by the Royal College of Physicians and Surgeons of Canada with the Duncan Graham Award in recognition of his distinguished contributions in the field.

Professor John C.D. Brand was named recipient of the 1982 Herzberg Award by the Spectroscopy Society of Canada. The Herzberg Award is the Society's senior award and was conferred on Professor Brand in recognition of his distinguished and varied contributions in the area of spectroscopy.

Neurosurgeon Dr. Charles Drake was appointed to the Order of Canada by Governor-General Schreyer. Dr. Drake has made fundamental contributions to the surgical treatment of aneurysms in the brain.

Two staff members from Western were among five outstanding "Young Londoners" selected by the West London Jaycees — Professor Gail Hutchinson, a psychologist and counsellor, and Professor John Whalley, Department of Economics. Professor Hutchinson was honored for her community contributions in raising public awareness on women's issues and Professor Whalley for his research on the economics of international trade.

Dr. Malcolm Peat was the first recipient of the Viola Robins Memorial Lectureship. This award provides for an annual visit of a distinguished health scientist to the University of Southern California.

Dr. Roger Rossiter, a former Professor of Biochemistry and Vice-President at Western, was honored posthumously by the establishment of the Rossiter Research Conference. The conference will be held biennially to examine new research in significant fields of biological science.

Economics Professor Ronald J. Wonnacott was elected to Fellowship in the Royal Society of Canada.

Professor W.S. Fyfe of the Department of Geology received the rare honor of being awarded a second Guggenheim Fellowship from the John Simon Guggenheim Memorial Foundation of New York on the basis of "demonstrated accomplishment in the past and strong promise for the future."

Professor Balachandra Rajan, Department of English, was awarded the Chauveau Medal by the Royal Society of Canada for his contribution to knowledge in the humanities outside Canadian literature and history.

Professor G. Michael Bancroft, Department of Chemistry, has been named the first recipient of the Florence Bucke Science Prize for outstanding research in natural sciences.

Professor R.W. Hutchinson, Department of Geology, was awarded the Duncan R. Derry medal in recognition of major contributions to the understanding and origin of mineral deposits.

Professors R.G.E. Murray and C.F. Robinow were elected Honorary Members of the Canadian Society of Microbiologists.

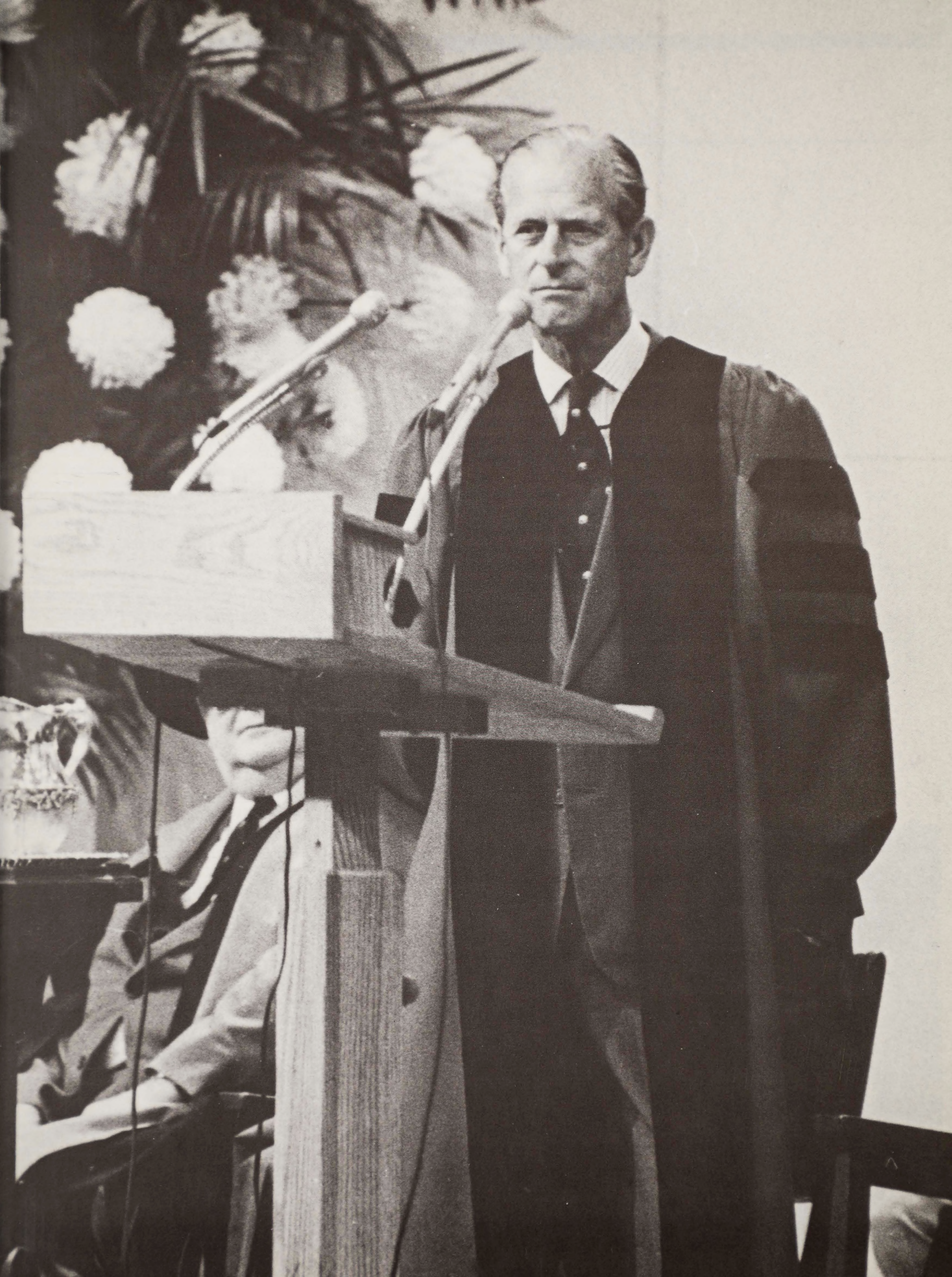
Professor Alan G. Davenport, Director of the Boundary Layer Wind Tunnel, received an honorary doctorate from the Technical University of Denmark for his outstanding contribution to engineering and science.

Professor Glynn A. Leyshon, Faculty of Physical Education, was named one of the top five international wrestling officials in the world.

Professor Allan Paivio, Department of Psychology, was honored with an award from the Canadian Psychological Association for his distinguished contribution to psychology as a science, the highest honor the Association can give.

Dr. Henry J. Barnett and Dr. Charles G. Drake were co-recipients of the \$100,000 Royal Bank Award for 1983. The award honors their teamwork in gaining clinical knowledge of stroke and perfecting techniques of brain surgery. The Royal Bank of Canada Award is given annually to a Canadian or Canadians whose achievements contribute substantially to human welfare and the common good.





(iii) Retirements, July 1, 1982 - June 30, 1983

Verna M. Crane	Finance
Doris M. Deller	Food Services
Ruth A. Dodson	French
Professor Harry I.J. Ferguson	Physics
William B. Fodor	Physics
Lilly Gyrok	Micro/Immunology
Professor Donald F. Harris	Education
Professor Gordon C. Hay	Education
John J. Henry	Office of Registrar
Greta Jones	Physical Education
Francis M. Kennedy	Restorative Dentistry
Professor Kenneth Kenney	Education
Jacobus Klaase	Pharmacology
Virgina Krause	Plant Sciences
Francis Lafrainer	Library
Professor W.J. L'Heureux	Physical Education
Earl M. Laing	Student Services
Louise Mansfield	Medicine
William S. McBean	Dean's Office, Medicine
Professor J.A. McCarter	Faculty of Medicine
Pamela W. McQueen	Physical Plant
Marian A. Pafford	Geophysics
Lloyd Pfaff	Purchasing
T. Mary Silnieks	Physical Plant
Walter Smythe	Physiology
Ludwig Schmidt	Physical Plant
Professor John L. Sullivan	Engineering Science
Guy Tyndall	Physical Plant
Dr. James H. Watson	Dean's Office, Medicine
Charles F. Way	Secretary, Board of Governors
Dr. Morris P. Wearing	Obstetrics & Gynaecology
Professor John J. Wettlaufer	Business Administration
Professor John L. Wild	Journalism
Louise Zadel	Physical Plant

(iv) Deaths, July 1, 1982 - June 30, 1983

Mary Campbell, Library, 14 years service; Frank Colman, Physical Plant, 10 years; Stanley Ellyatt, Physical Plant, 15 years; G. Edward Elwin, Physical Plant, 3 years; Arthur R. Fry, Physical Plant, 24 years; Louis Horvath, Physical Plant, 10 years; Phyllis Koehn, Chemistry, 1 year; Thomas Laurie, Physical Plant, 10 years; Dr. Fred N. Lewis, Pathology, 13 years; Ronald C. Taylor, Physical Plant, 15 years; Mu-Lo Wang, Computing Centre, 3 years; H.A. (Sandy) Welland, Graphic Services, 13 years.

The University community noted the deaths of others who had long associations with Western. The Honorable John P. Robarts, PC, CC, QC, died October 18, 1982. The former Premier of Ontario served as Chancellor of the University, on the Board of Governors and received an honorary Doctor of Laws degree from Western. A prominent London industrialist and benefactor, Colonel J. Gordon Thomson died December 28, 1982. Colonel Thomson served on the Board of Governors for 21 years and was awarded an honorary Doctor of Laws degree in 1977. Professor Emeritus R.W. Torrens died on November 22, 1982. He joined Western's faculty in 1951 and was appointed Head of Romance Languages in 1967. A renowned renaissance scholar, Dr. Wallace K. Ferguson, FRSC, D.Litt, was awarded a Canada Council Medal in 1967 for outstanding cultural achievement. Dr. Ferguson died January 19, 1983. Professor Emeritus A.E. Raymond, Head of Classics and a member of the University community for twenty-three years, died on June 25, 1983.

1.5 Alumni

At the 74th Annual Meeting, June 18, 1983, the Alumni Association Board of Directors elected officers for 1983-84:

President, Dr. Robert L. Beath, D'71

Past President, Ralph S. Devereux, A'46

1st Vice-President, J. Robert Cowan, B'57

2nd Vice-President, Frank C. Smeenk, A'71

3rd Vice-President, Alan R. Patton, L'78

The 1982-83 Spring and Fall Convocations added some 5,500 new alumni to the Association, bringing the total of living graduates to more than 88,000.

During the 1982 Homecoming Weekend, October 15th to 17th, an estimated 12,000 alumni, spouses and friends returned to Western. Most participants attended one of the 100 class reunions for the years ending in 2's and 7's. At the Alumni Awards Dinner, one of the major highlights of Homecoming, the Association bestowed the Award of Merit upon Joan N. Boddy, Ward M. Cornell, Kenneth S. Murray and Dr. Robert N. Shervill. The "W" Club inducted into the Athletic Hall of Fame four former athletes, Dr. Frank G. Cosentino, Dr. John D. Girvin, the late Dr. Jack C. Kennedy and the late Dr. C. Stewart Ward. The L.S. Lauchland Engineering Science Alumni Medal was presented to Steven Killing.



The Western Alumni Student Advisors program (WASA), at the completion of its fifth year, has 32 advisors groups covering 22 separate areas in British Columbia, Alberta, Ontario, Quebec and Nova Scotia. Almost 550 alumni contacted approximately 6,000 applicants for admission to first year studies at Western.

The Association, with staff support from the Department of Alumni Affairs, sponsored lecture series, developed new alumni chapters, organized the first Alumni Travel experience and promoted the alumni group term insurance program. The Senior Alumni Program, designed to bring retired graduates into closer contact with the Association and with Western, expanded into the Toronto area. Toronto and London together reached a record level of 400 members.

In 1983, a National Alumni Advisory Council was established. This Council is comprised of 14 very prominent Western graduates selected from across Canada. The Council held its first meeting in June of 1983 under the chairmanship of Donald C. Scott, Senior Partner of Clarkson Gordon. Members of the Council who attended the inaugural meeting were: Ronald G. Atkey, Jacques J. Bélec, Dr. Dorothy Hall, Gerald L. Knowlton, Harold B. Nickerson, Ann W. Lowry, Harry G. Rogers, Brahm Steinberg, Clark W. Davey.

1.6 Convocation

Chancellor Richard Ivey continued to preside with distinction at our Convocation ceremonies. Mrs. Ivey's gracious presence at all the ceremonies and related functions has been warmly appreciated. Professor J. Stanley Hill, Assistant Dean, Faculty of Physical Education, succeeded Dean Wesley J. Dunn as Director of Convocation on July 1, 1982. Professor Hill's careful planning, along with strong support from the staff of the Senate office and Registrar's staff, ensured that the traditional colour and dignity were maintained.

At the Autumn Convocation, October 29 and 30, 1982, there were 1,376 graduates. The University conferred an honorary Doctor of Letters degree on Robin Sutton Harris, a distinguished historian of higher education in this country. Mary Jean Wright received an honorary Doctor of Laws degree for major contributions to the study of child development.

During Spring Convocation, June 6th to 11th, 1983, 4,308 degrees were conferred. The following were recipients of honorary degrees:

His Honor, The Lieutenant Governor of Ontario, John Black Aird — Doctor of Laws.

James Fraser Mustard, distinguished leader in health care and prevention of disease — Doctor of Science.

Robin Phillips, Artistic Director of The Grand Theatre Company and former Artistic Director of the Stratford Festival — Doctor of Laws.

Keith Roberts Porter, distinguished specialist in biological ultrastructure — Doctor of Science.

Anna Russell, famous for her stage performances and satire and parodies of concert music and opera — Doctor of Laws.

During the past academic year, The University of Western Ontario held two special Convocations in addition to the regular Autumn and Spring ceremonies.

The 236th Convocation was held in Trois-Pistoles, Quebec, on August 15, 1982, to celebrate the 50th Anniversary of the founding of Trois-Pistoles Summer School. The President and Vice-Chancellor, Dr. George Connell, presided at this special Convocation, and conferred honorary Doctor of Laws degrees upon Gabrielle Léger, Gérard Eugène Pelletier and Théophile Joseph Casaubon. Madame Léger and Monsieur Pelletier were recognized for their public service and Professor Casaubon for his energetic and active support of bilingualism.

A Special Convocation of the University was held on July 1, 1983, to honor His Royal Highness The Prince Philip, Duke of Edinburgh, in recognition of his efforts in world wildlife conservation. His Royal Highness, President of the World Wildlife Fund International, addressed Convocation on the urgent need for all to become involved in conservation of animal life and environment. "Conservation", he said, "like charity, begins at home." The occasion had special significance for Chancellor Ivey, who is President of the World Wildlife Fund (Canada) and who has served with His Royal Highness as a Trustee of the World Wildlife Fund International.

The Convocation was attended by approximately 2,200 members and friends of the University community. Among the guests were many members of the Royal Canadian Regiment who were celebrating the Centenary of the RCR, of which His Royal Highness is Colonel-in-Chief.



2.1 Affiliated Colleges

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

The 1982-83 full-time enrolment of undergraduate students in the three affiliated colleges was:

	Full-Time Students	Part-Time Students	Residence
Brescia	405	32	174
Huron College	611	38	337
King's College	1,278	177	288

The colleges provide a special academic and social environment within the University community. Their faculty and students benefit from 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 the contributions of their staff members and students.

3.1 Student Services

While all areas of Student Services were heavily used, several stand out as being particularly worthy of comment.

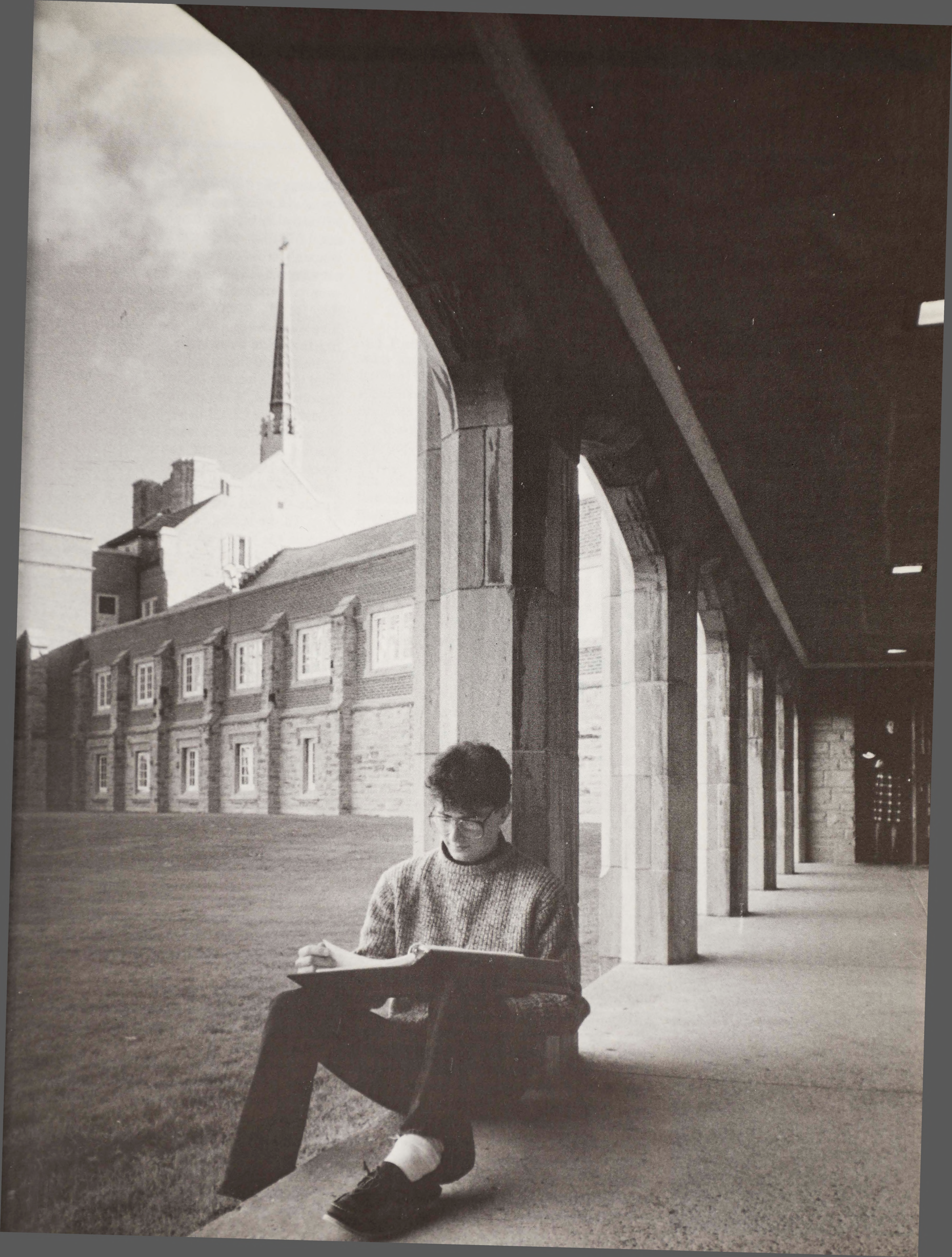
First, the level of activity in the Student Awards Office showed a large increase for the third year in a row. The total amount of aid administered now exceeds \$23 million, with over 33% of the student body receiving some form of assistance. The largest program, the Ontario Student Assistance Program, showed an increase of 11% in applications in 1982-83 and an increase of about 30% over the past three years.

After a number of years of operating what is clearly one of the busiest health care facilities per square foot in the City of London, Student Health Services moved into larger renovated quarters. The remodelled centre affords greatly improved, enlarged waiting room space, better traffic flow and expanded examining room space. The design is colourful and efficient, and allows the staff to deal more quickly and easily with the many students who use the service.

Finally, the problems of international students received a great deal of attention during the year. When a significant (40%) increase in international student fees was announced, many students who enrolled for the first time in September, 1982 were unprepared for the added cost. In response, the University agreed to provide special bursaries to those international students in need, up to an amount by which their fee increase exceeded the 5% increase which applied to all students. The Province subsequently announced the abatement of about half this increase, so the maximum cost to the University for these bursaries would be no more than \$120,000. It is expected that at least half the 250 international students eligible for the awards will apply and qualify.

3.2 Student Government and Activities

The year provided a number of challenges for the University Students' Council under the presidency of Janet Belch. Concern for student welfare was exemplified in a number of USC activities. Over 3,000 student signatures were collected for a petition to the federal government expressing concern over rising student unemployment. The USC sponsored a student refugee from Ethiopia and assisted him in adjusting to his new surroundings at Western. The Council also decided to establish a bursary fund of \$5,000 for students in need, to be administered by the Student Awards Office.



The voting membership of the Council grew as a result of a review conducted by the Internal Review Committee. The student residences were granted representation and the electoral structure of the faculties was also adjusted. In all, the USC expanded to 67 voting members.

Entertainment of high quality for students continued with USC sponsored concerts and student theatrical shows. Purple Patches and the UWO Gilbert and Sullivan Society played to sold-out houses in Talbot Theatre with their productions of *Anything Goes* and *The Gondoliers*. The Players' Guild was resurrected this year and presented the highly successful play *Harvey*. Winter Week activities in February culminated in the Cultural Caravan Show in which ethnic groups displayed their talents.

Towards the year end a graduate of the Business School, Alvin Shidlow, was elected President of the University Students' Council. The Presidency of the Society of Graduate Students was assumed by Don Nicholson.

3.3 Athletics

(i) Intercollegiate

A major issue under consideration by Canadian universities is possible involvement in high performance sport. A resolution passed at the Annual General Meeting of the Canadian Inter-university Athletic Union in June of 1983 endorsed in principle a greater commitment to the national and international sport effort presently being directed by the federal government. This issue will be the subject of extensive discussion, and decisions will affect the direction of intercollegiate sport in the years ahead.

Quantity and quality have been persistent trademarks for Western athletics. The program offers opportunities to all male and female students at The University of Western Ontario. Rules of competition are governed by the Ontario Women's Intercollegiate Athletic Association (OWIAA), the Ontario Universities Athletic Association (OUAA) and the Canadian Inter-university Athletic Union (CIAU). Competitive opportunities are offered in 38 different sports — 17 sports for women involving 250 participants and 21 sports for men involving 400 student-athletes.

During the 1982-83 sports season, Western's teams distinguished themselves. Twenty of the 38 teams finished in the top three in OUAA and OWIAA competitions. Nationally, the women's cross-country team won their second consecutive CIAU championship, while the women's track and field team followed with their third consecutive CIAU championship. The football team won the Yates Cup for the fourth year in a row, defeated Concordia in the national semi-final, and lost to a powerful team from the University of British Columbia in the national final. Western's wrestlers captured five medals at the CIAU finals held on campus. For the second year in a row, the women's figure skating team won the provincial trophy. Our women's alpine skiing and fencing teams also won OWIAA championships and the men's alpine ski team captured the OUAA championship. In the spring of 1983, a Western athlete became the first Canadian to win a U.S. divisional squash title at the U.S. National Squash Championships in New York.

(ii) Physical Recreation & Intramurals Program

DROP-IN RECREATION UNIT

Facilities and equipment were provided for basketball, volleyball, badminton, swimming, jogging, ice skating, tennis, squash and racquetball. Accurate records of usage are available only for recreational swimming for which total attendance was 104,700.

NON-CREDIT INSTRUCTION

Activities and registration were as follows:

	Male	Female	Total
Tennis	61	102	163
Squash	42	146	188
Racquetball	8	17	25
Gymnastics	12	64	76
Aquatics	582	706	1,288
			1,740

It should be noted that 914 of these registrants were children of University staff and alumni.

COMPETITIVE SPORT

Competitions were scheduled in 12 sports for females, 14 sports for males, and 12 sports for mixed groups.

Registrations were: Men's Sports, 471 teams, 5,300 players; Women's Sports, 204 teams, 2,000 players; Mixed Sports, 204 teams, 2,600 players.

Because of a shortage of space, registrations were limited in squash, touch football, ice hockey, floor hockey, indoor soccer and volleyball. About 290 students worked as officials, convenors, and referees in this unit.



Academic Affairs

FITNESS UNIT

Fitness classes continued to be popular. Several were held each day at the UCC and others were held in Alumni Hall and the recreation centre for married students at Platt's Lane.

SPORT CLUBS

Nineteen sport clubs were affiliated with the intramural program this year.

Club	Membership
1. Aquatic Masters Club	20
2. Badminton Club	110
3. Cricket Club	16
4. Cross Country Ski Club	119
5. Curling Club	192
6. Equestrian Club	84
7. Fencing Club	38
8. Figure Skating Club	80
9. Judo Club	51
10. Karate Club	45
11. Rifle & Pistol Club	93
12. S.C.U.B.A. Club	105
13. Ski Club	550
14. Skydiving Club	120
15. Soccer Club	16
16. Squash Club	75
17. Table Tennis Club	57
18. Tae Kwon Do Club	104
19. Women's Waterpolo Club	38
	1,913

These clubs offer a wide variety of instructional, competitive and social activities for their members.

An increasing awareness of fitness as a critical component of a healthy life style is evident in the general population. Western offers students both opportunities and facilities to develop a pattern of athletic activity for the future.

4.1 Enrolment

In 1982 the University again experienced an increase in the number of applications for admission to first-year studies. In November, 1982 first-year enrolment for the constituent University was 4,115, slightly higher than the 4,000 freshman target reaffirmed by the Senate in 1980.

Year I Enrolment 1982-83

Full-Time as of November 1, 1982

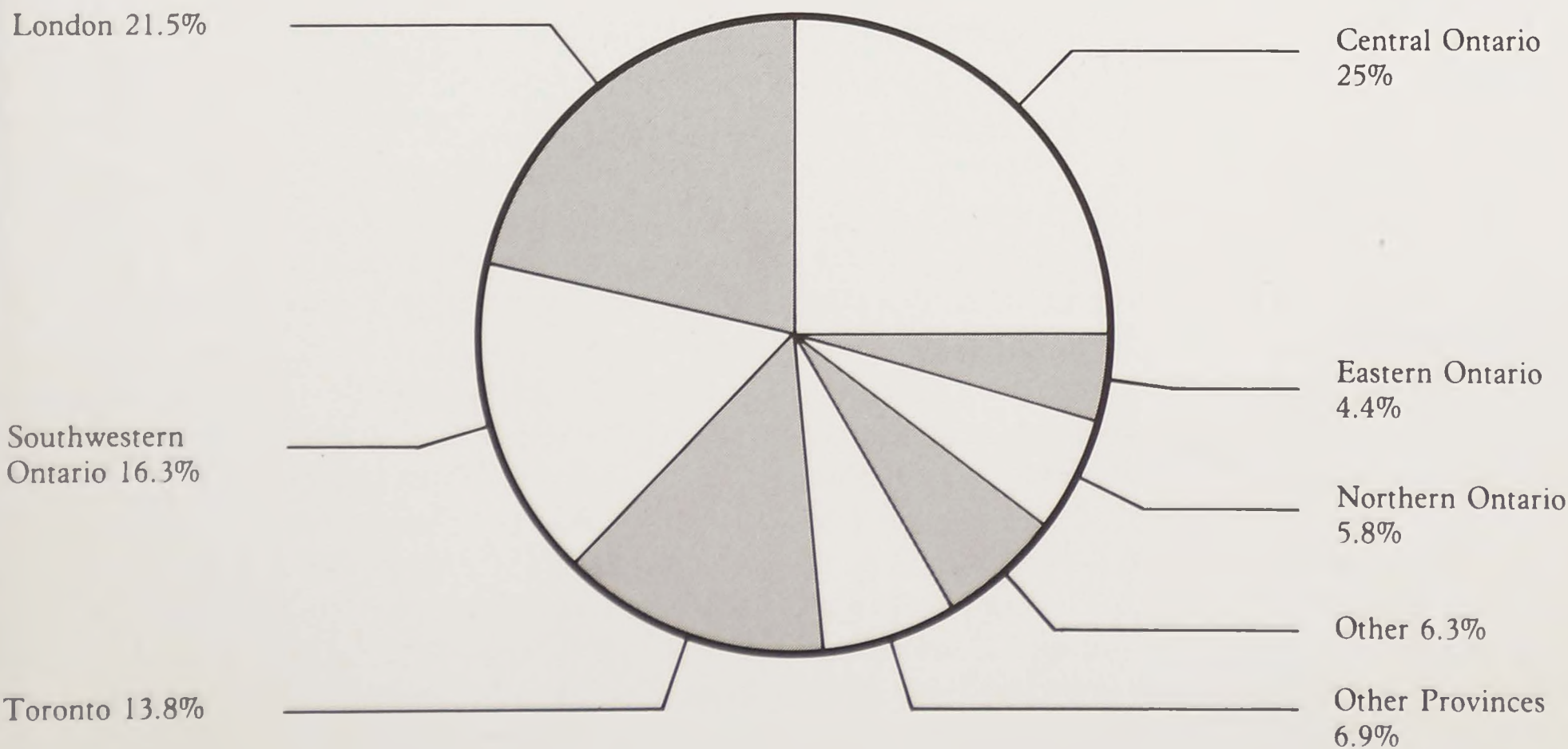
Western (constituent)	4,115
Brescia	173
Huron	260
King's	543

The effect of an enrolment surge in 1980 is still present. The continued strong retention rate for upperclassmen, coupled with increased freshman numbers, brought the undergraduate enrolment in the constituent University to 14,856 — an increase of more than 500 over 1981.

Figure 3 shows the geographical origin of full-time students who entered the constituent University in September, 1982. The University continues to attract a significant portion of its total enrolment from the City of London and southwestern Ontario.

Geographical Origin of Full-Time Constituent Students 1982-83

Figure 3



4.2 Educational Development and Quality of Teaching

The University's commitment to excellence in curriculum and instruction is reflected in the high priority given program review and development and in the recognition given to the outstanding achievements of the Western faculty in teaching.

Professor R.R. Martin, Department of Chemistry, was one of the seven Ontarians to receive an award for excellence in teaching from the Ontario Confederation of University Faculty Associations. The recipients of The University of Western Ontario Awards for Excellence in Teaching were Professor I.A. Hunter of the Faculty of Law, and Dr. J.A. Silcox of the Faculty of Medicine.

Quality and innovation in classroom instruction are priorities across the University. Workshops and seminars in teaching techniques and theories are attended by an increasing number of faculty members. Programs for the development of teaching assistants' skills have been initiated in the Faculties of Arts, Engineering Science, Science, and Social Science. The Faculty of Part-Time and Continuing Education also provides courses in Professional Development and upgrading of teaching skills for faculty members and students.

Curriculum review and innovation are concerns of all Faculties and programs. The Faculty of Nursing completed a major review, the Faculties of Arts, Journalism and Law continued their curriculum review processes, and new joint programs were developed by the Faculties of Science and Social Science.

4.3 Continuing Education

The Faculty of Part-Time and Continuing Education experienced increased adult enrolment in its credit and non-credit programs. A new extension centre was established at the Sarnia Police Department. The delivery of courses to students in distant centres by teleconferencing was expanded.

The Faculty's non-credit divisions — Language Training, and Professional and Personal Development — offered a number of distinctive programs: French immersion weekends for teachers; a conference on *Rural Women and Mental Health*; a lecture series for the general public on *New Frontiers in Medicine*; interdisciplinary courses on *The Victorian Era* and *The Family in Transition*; a variety of courses on the computer; and an international folk dance workshop. A number of programs were sponsored in collaboration with other campus units and with off-campus cultural and

civic groups. A free Noon-Hour Lecture Series at the London Public Library continued to attract a wide audience.

Negotiations were completed this year to begin "course-sharing" agreements among three universities, The University of Western Ontario, the University of Waterloo and McMaster University. Under the agreement, when specified courses are scheduled at any of the universities, students may register at their 'home' university without undertaking special procedures to take another institution's course and have the credit transferred. Courses have similar content and requirements, and will be jointly staffed. The arrangements represent ongoing efforts of these universities better to serve the part-time student population in southwestern Ontario by co-ordinating extension programs, avoiding duplication and broadening program choice. The agreement also signifies a high degree of mutual respect and confidence among the three universities.

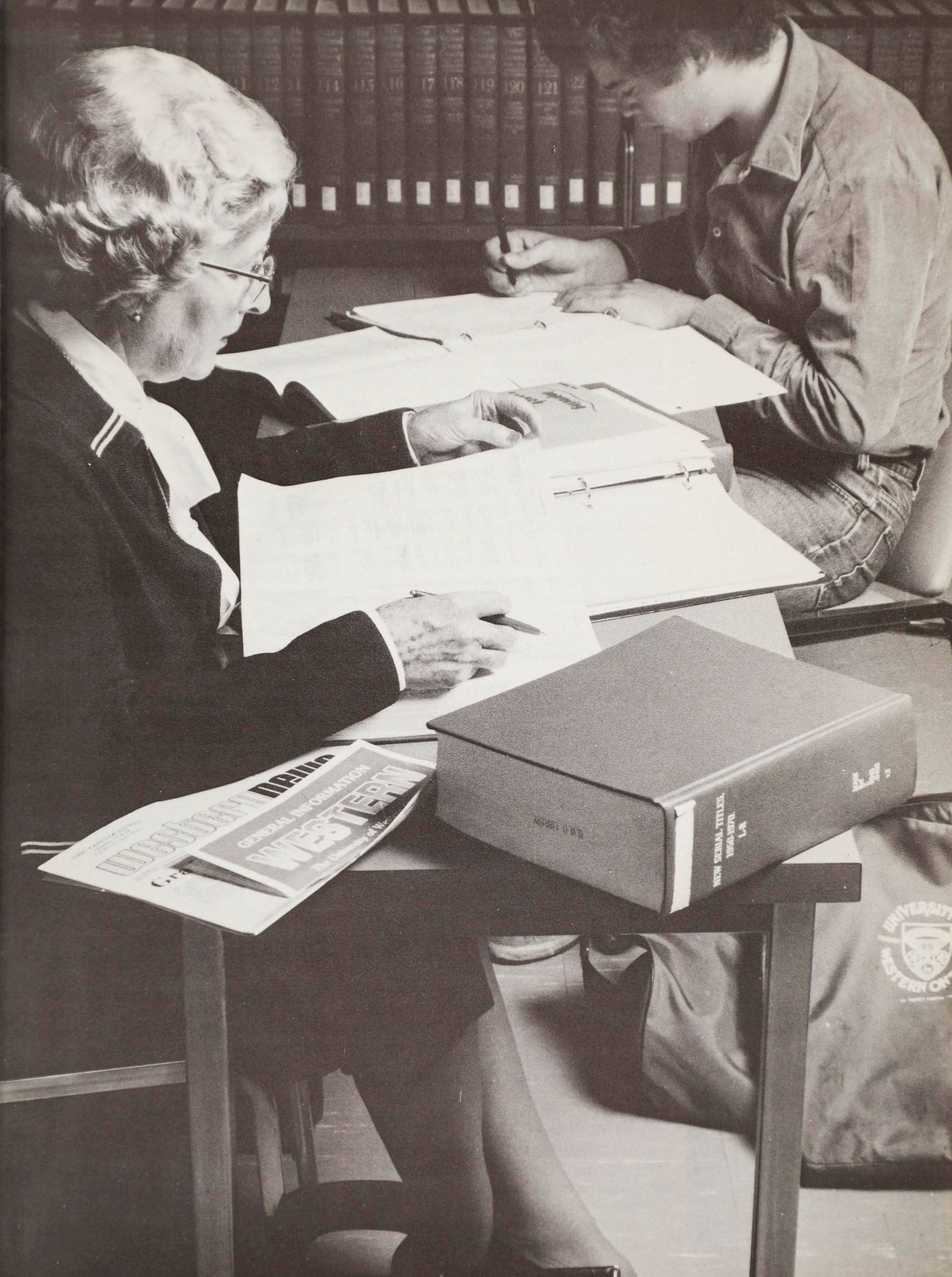
4.4 The John P. Robarts Research Institute

The John P. Robarts Research Institute has been founded by The University of Western Ontario and University Hospital.

The mission of the Institute is "the reduction of the personal and material cost to the citizens and government of the Province of Ontario which results from stroke, heart disease and related vascular and neurologic disorders of immunologic origin." Its establishment recognizes the contribution of Mr. Robarts to the two sponsoring institutions, The University of Western Ontario and University Hospital, and symbolizes the essential importance of an alliance between basic and clinical science in the conquest of these catastrophic and disabling conditions. The home of the Institute will be a new building located between and adjoining the Hospital and the Health Sciences Centre of the University.

The scientific program of the Institute initially will be based upon the relevant established work of investigators in the two institutions whose ongoing projects will benefit from expansion, integration and mutual cooperation with others. An important guiding principle will be the creation of groups of scientists who can contribute knowledge of different technologies and disciplines towards a common objective. Some scientists from the two institutions will be relocated within the new facility, others may participate in the activities of the groups while continuing their work at their present base.





4.5 Women on Faculty

In a report on full-time faculty at Western presented to the Board of Governors in June, 1983, it was disclosed that, in the categories of tenured, probationary and limited-term appointments at Western from 1980 to 1982, 32% have been women compared with 25% at other Ontario universities and 27% at Canadian universities outside Ontario.*

From 1980 to 1982, 38 probationary faculty positions became vacant at Western. Women were appointed to 9 of these, almost 25%.

At the present time women hold 11% of all full-time faculty positions at Western, compared with 12% at other Ontario universities and 10.9% at Canadian universities outside Ontario.

The Board of Governors has expressed concern that, despite the satisfactory experience in recent appointments, the number of women in continuing faculty positions remains low. The Board has urged Senate to give special consideration to this matter.

4.6 Surface Science Western

In the last three years, The University of Western Ontario has established Surface Science Western — a laboratory unique in Canada for analyzing solid surfaces at the atomic level. Five major analytical instruments have been acquired at a cost of \$1.9 million. Half the support for these acquisitions is from corporate benefactors through the Second Century Fund, and the balance from the federal and provincial governments.

Surface Science Western has three purposes: to serve the research work of some fifteen faculty members in chemistry, physics, geology and engineering; to cooperate with industrial research and development projects; and to provide a training ground for young scientists and engineers who will be employed by industry in the future.

In the last year, revenue of nearly \$200,000 has been received by the laboratory for research projects sponsored by industry and government.

4.7 Computing Centre

Computer technology now pervades every corner of the University and there seems to be an explosion in the interest in and use of computers.

Western's academic community is served by departmental, faculty, and central computer facilities. The largest departmental unit, in Computer Science, is used primarily in support of first-year teaching. There are computer laboratories in the School of Business Administration and the Faculties of Education and Social Science. The SEAM computer laboratory serves the Faculty of Engineering Science, together with the Departments of Statistics and Applied Mathematics.

The Computing Centre provides a central service for the entire University. Its mainframe systems offer daily timesharing and batch facilities. The Centre offers a wide range of high-quality software, as well as educational and consulting services, comprehensive hardware support services, custom programing, data entry services, and general assistance and advice on all matters related to computing.

The Computing Centre experienced its busiest year to date. It processed 522,629 jobs, an increase of 7.4% over the previous year. However, the most significant increases in demand were for general consulting and advisory services and for support of small systems, communications and new applications.

4.8 Wind Tunnel

The new Boundary Layer Wind Tunnel Laboratory housing the "second generation" wind tunnel is nearing completion. The Wind Tunnel Director, Professor A.G. Davenport, expects to open the new wind tunnel in late 1983.

The new wind tunnel represents an experimental facility with capabilities significantly more advanced than those of the present boundary layer wind tunnel, built in 1965. It will occupy 1,170 square metres, an area comparable to several railway cars stationed on parallel tracks. The low-speed section will be three "cars" long and two wide. A 75-metre long wind/wave tank lies under the removable floor of the low-speed portion. The high-speed working section, the same length but somewhat narrower, is adjacent.

When complete, the total project will allow faculty, research students and professionals associated with the laboratory to work under one roof. The building will contain excellent laboratory workshops, a computer room and an information center housing the research library.

Funding for the \$3.5 million project was drawn from corporate contributions to Western's Second Century Fund, the National Sciences and Engineering Research Council (NSERC), Ontario's Board of Industrial Leadership and Development (BILD), and Wind Tunnel operating reserves.

*Data for the report were provided by Statistics Canada.



Administration

5.1 Physical Plant

(i) Buildings

During the third year of the University's Five Year Facilities Relocation Plan, alterations to the Social Science Centre were completed, providing new facilities for the Department of Secretarial and Administrative Studies. All Social Science departments are now accommodated in one building. At a cost of \$1,045,000, a renovation project in Middlesex College to allow for the relocation and expansion of the Department of Computer Science was started.

The old SLIS Building, renamed the Graphics Building, was modified to accommodate the equipment and offices of Graphic Services, formerly housed in the Stevenson-Lawson Building.

The Faculty of Part-Time and Continuing Education moved into expanded quarters in the Stevenson-Lawson Building.

Locker room renovations and replacement of seats were completed in the J.W. Little Memorial Stadium. Stadium renovations were made possible through grants from Wintario, the City of London, The Second Century Fund and Foundation Western. Many members of the W Club provided support in response to an appeal from the late John Metras.

Under a short-term employment program funded by the Ministry of Colleges and Universities, approximately \$320,000 was spent on various safety projects such as modifying stair railings and installing heat detectors.

(ii) Lands

The University holds title to 1,010.8 acres of which 131.8 acres are leased to neighboring institutions. The core campus occupies 379 acres. Major outlying properties are: Gibbons Lodge, 125 acres; the former Smallman property, 45 acres; the Observatory (Biddulph Township), 300 acres; the Radio-Physics Observatory (Delaware Township), 128 acres.

5.2 Administrative Reorganization

In early May a major reorganization of the senior administrative structure of the University was announced by President G.E. Connell as a result of a report submitted by management consultant H.E.C. Stoneham. The changes are designed to improve and enhance the efficiency and effectiveness of the administrative structure at very little additional cost.

The University now has three new Assistant Vice-Presidents, and the number of Vice-Presidents will be reduced from three to two — Vice-President (Academic) and Provost and Vice-President Administration. The Vice-President Health Sciences will continue until the end of Dr. Douglas Bocking's term of office in June, 1984. After that, the Health Sciences support units will report to the new Vice-Provost Health Sciences. The central objective of the reorganization is to give senior administrators more opportunity for consultative planning and leadership of the University.

Finance

6.1 Financial Report

The University places great emphasis on effective planning, budgeting, and on careful financial administration. An annual forecast of enrolment and revenues for the succeeding three-year period guides faculty and departmental planning. The three-year plans of individual budget units are reviewed by the Senate Committee on University Planning. A proposal for allocation of resources for the following year is developed by the President and Vice-Presidents, then reviewed in detail by the Senate Budget and Finance Committee. Finally, the recommended budget for the following year is submitted to the Senate and the Board of Governors. Through this process, the University strives to establish objectives, priorities, and to achieve the most effective allocation of resources in relation to these considerations. As shown in Figure 6, basic operating revenues totalled \$133.7 million during the fiscal year ending April 30, 1983. The largest source of revenue was the operating grant from the provincial government, which amounted to \$100.1 million in 1982-83, or 74.9% of total basic operating revenue. Allocation of operating grants among Ontario universities is based upon enrolment levels. Although there has been

considerable discussion with the Province over the last several months regarding possible changes in the funding formula to make it less sensitive to enrolment changes, the Province has not made any announcement in this regard to date. The level of funding per student provided by the Province of Ontario continues to compare quite unfavorably with that which is provided by the other provinces, despite the efforts of the Ontario Council of University Affairs and the Ontario university system to demonstrate the urgent need for a more satisfactory level of funding.

As a result of very careful planning and expenditures control, the University realized a surplus of \$562,000 in 1982-83 as shown on Figure 6. As of April 30, 1983, the basic operating reserve of the University amounted to \$1.2 million or only 0.9% of annual operating expenses. Such a limited reserve provides a very small safety margin against fluctuations in revenues and expenses and reinforces the need for a careful allocation of resources and close financial controls throughout the year.

Basic Operating Revenues and Expenditures 1982-83

Operating Revenues

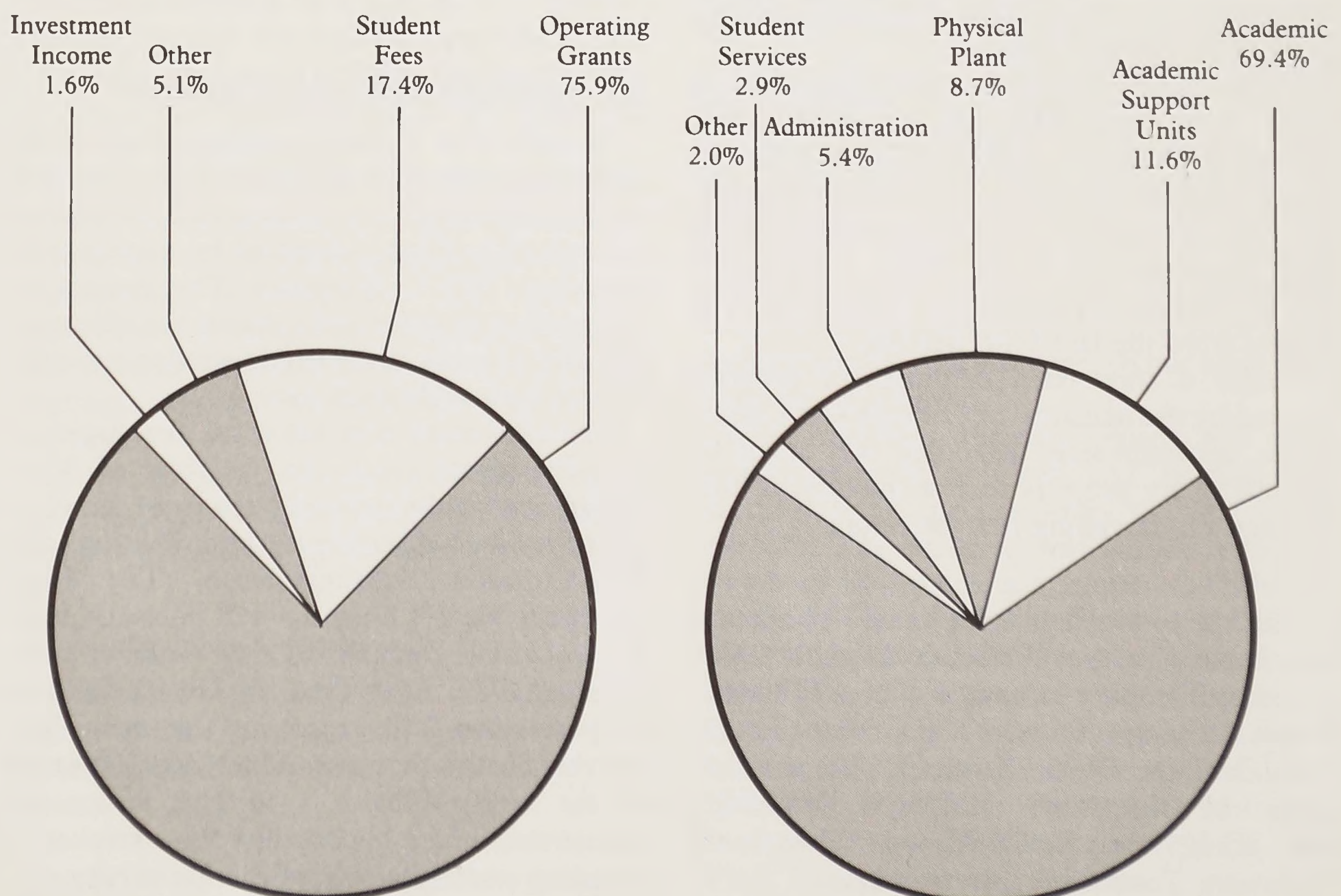
Figure 4

Operating Expenditures

Figure 5

Total — \$133,708,000

Total — \$133,146,000



Summary of Basic Operating Revenues and Expenses
Year Ended April 30, 1983

Figure 6

(with comparative amounts for the year
 ended April 30, 1982)

	1983 (000's)	1982 (000's)
Revenue:		
Government grants :		
Province of Ontario		
Operating grant	\$100,173	\$ 88,235
Municipal tax grant	826	786
City of London	80	80
Other municipalities	39	42
Language summer schools	405	285
Student tuition fees	23,286	19,024
Salaries recovered from hospitals and other joint appointments	5,747	5,032
Investment income (net)	2,050	1,950
Miscellaneous	1,102	933
Total Revenue	\$133,708	\$116,367
Expenses and Provisions:		
Academic	\$ 92,382	\$ 81,029
Academic support units	15,489	13,900
Administration	7,244	6,087
Student Services	3,847	3,374
Physical Plant	11,527	10,173
Other expenses and provisions	2,657	1,719
Total Operating Expenses and Provisions	\$133,146	\$116,282
Net Surplus (Deficit) for the year	\$ 562	\$ 85
Basic Operating Reserve at end of year	\$ 1,240	\$ 1,137
Basic Operating Reserve as a percentage of total annual expenses	.9	1.0

The basic operating budget includes the academic, academic support and administrative functions of the University. Total University expenditures for the year ended April 30, 1983 were \$205.0 million, including Research (\$33.5 million), Ancillary Operations (\$24.1 million) and Other Funds (\$14.3 million). Total University expenditures for the year ended April 30, 1982 were \$181.6 million.

The basic operating budget supports the academic and administrative activities of the University. Further support for research is provided by external granting agencies. A summary of research revenues by source over the last five years is shown in Figure 7. It should be noted that there has been a significant increase in this indicator of research activity.

In addition to the basic operating and research budgets, the University has significant activities relating to ancillary operations, capital funds and restricted endowed funds. Total expenditure by the University for all purposes in 1982-83 amounted to \$205 million.

6.2 The Second Century Fund Campaign

The Second Century Fund was established four years ago under Co-Chairmen F.H. McNeil and R.B. Taylor. The fund was launched in October, 1979 targeted at \$12.5 million to be divided among Research and Development, General Resources, Special Educational Services and Foundation Western. Three years later the drive was completed, \$1.5 million over target in the midst of the worst recession since the thirties.

	\$ Millions
Corporations	5.5
Foundations	5.3
Individuals (Alumni*, Friends, Faculty, Staff, Bequests)	3.2
	14.0

*Alumni gifts are usually allocated to Foundation Western, which has received \$1.6 in pledges and cash.

By April 30, 1983, the following allocations had been made:

	Allocations \$ Million	Objective \$ Million
Research & Development	5.8	6.4
General Resources	2.2	3.6
Special Projects	.5	1.2
Endowment	.8	
	9.3*	11.2
Foundation Western	2.0	1.3
Total:	11.3	12.5

*Outstanding pledges amount to \$2.0 million; all unspent allocations are fully invested within the University's Pooled Investment Fund.

These allocations from The Second Century Fund have conformed as closely as possible to the program approved by the Board of Governors in 1979. The impact upon the University, especially several key research programs, has been dramatic. We are most grateful to our numerous benefactors whether they be individuals, corporations, foundations or municipalities.

6.3 Foundation Western

Foundation Western, a separately incorporated body created by the Alumni Association in 1979, is governed by its own Board of Directors. The members are:

R.G. Simmons, President	R.M. Ivey
W.C. Hawke, Executive Director	W.A. Jenkins
W.C.P. Baldwin, Past-President	P.C. Maurice
M. Darling	P.H.E. Schwartz
	J.J. Wettlaufer
	E.M. Good

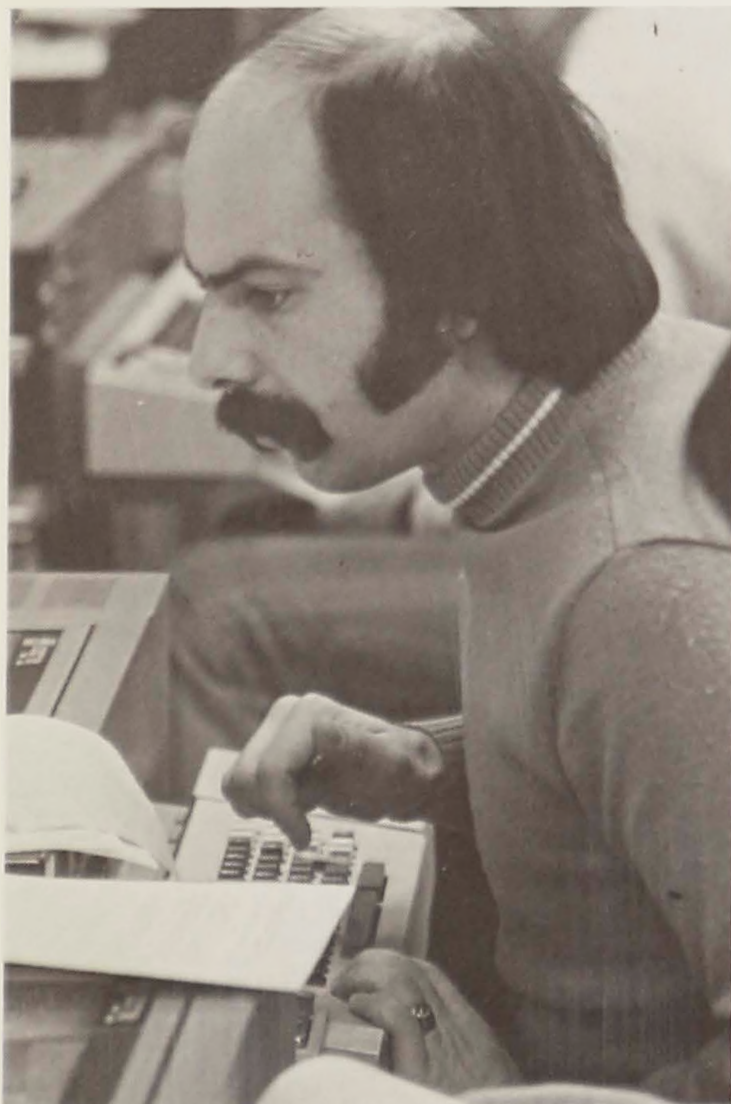
The Foundation solicits donations from the alumni of the University. Most gifts are directed to its endowment fund, and the interest is granted annually to various projects at Western.

During the year ending April 30, 1983 grants totalling \$116,000 were given to support scholarships, bursaries, research, books for the libraries, stadium repairs and other worthwhile campus activities.

This year, The Shaw Family Foundation of Sarnia, Ontario, established a \$100,000 student assistance fund through Foundation Western to aid needy students from Lambton County. The fund will provide loans of up to \$2,000 per year to eligible students. The Shaw Family Foundation was created by the late industrialist and humanitarian Francis E. Shaw and his sons Leslie and James.

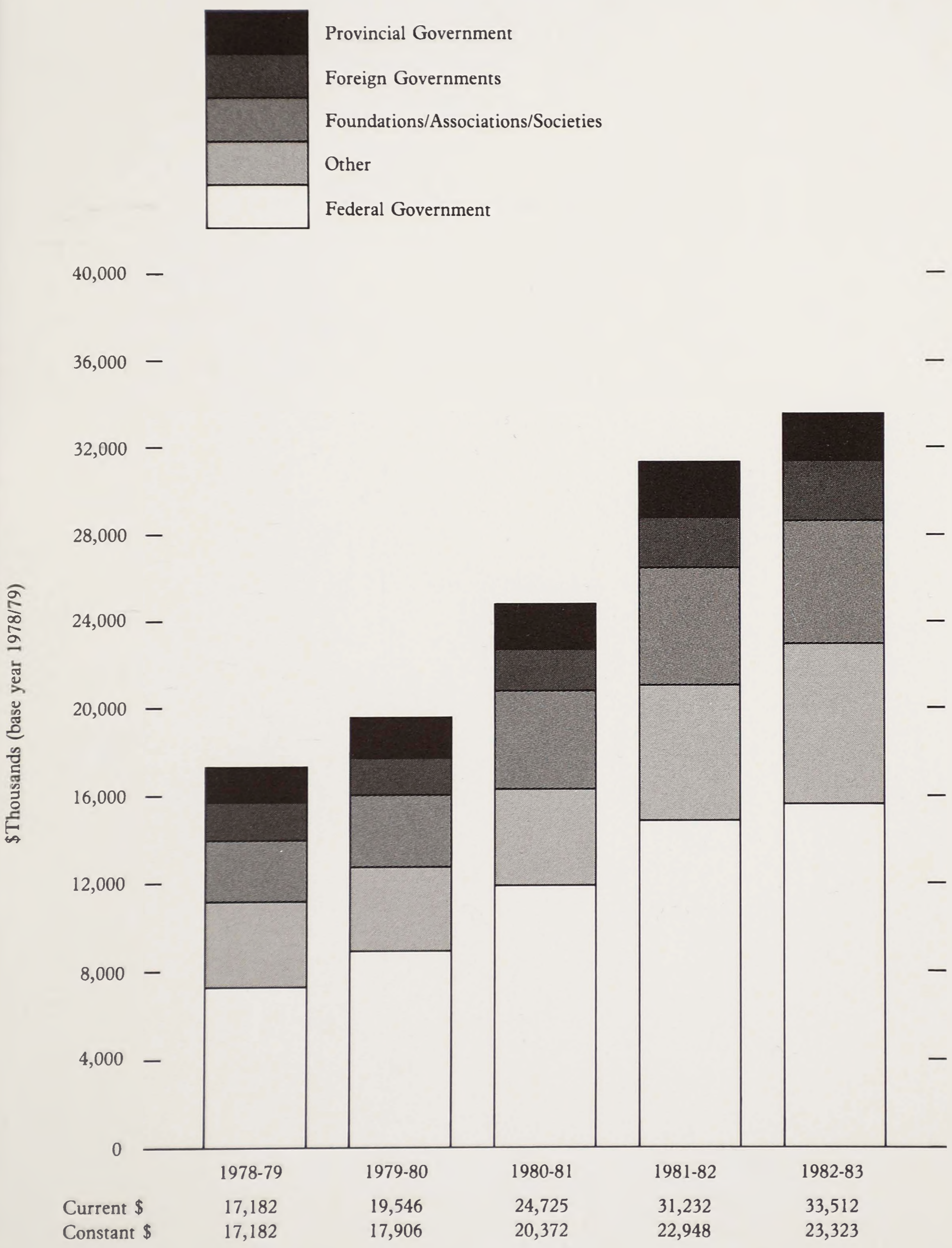
Foundation Western pays most of its own expenses. With a little help from the University, the operating expenses netted at \$92,000 last year.

The Board of Directors is most grateful for the two million dollars it has received from UWO alumni and friends. It is hoped that the Foundation's endowment will reach \$4 million by 1986.



Research Revenue By Source

Figure 7



Included in the above is revenue for the Boundary Layer Wind Tunnel, Surface Science Western, The Systems Analysis, Control and Design Activity (SACDA) and the Occupational Health and Safety Resource Centre.