231  University History and Traditions

231.1  Historical Sketch

231.1.1  Introduction

The University of Alberta is a publicly supported, non-denominational, co-educational institution. It is a member of the Association of Commonwealth Universities and of the Association of Universities and Colleges of Canada.

The University’s main campus of 89 hectares borders the wooded southern bank of the North Saskatchewan River and lies about two miles from Edmonton’s business centre. Away from the main campus, the University Farm occupies approximately 148 hectares; other holdings include the botanical gardens near Devon and lands as far distant as Fort Assiniboine. A considerable area is held under rental agreements, including the Eierslie farm and the Kinsella ranch.

Some two dozen major teaching and research buildings are situated on the campus as well as two affiliated colleges, six halls of residence, the Students’ Union, and service buildings. Michener Park, once part of the University Farm, is a student housing area. South of 87th Avenue, on lands formerly part of the original campus, are the quarters of the Research Council of Alberta, the Provincial Laboratory of Public Health, two teaching hospitals, the Edmonton Veterans’ Hospital, the Aberhart Sanatorium, the Dr. WW Cross Cancer Institute, and the Northern Alberta Jubilee Auditorium.

An off-campus Book and Record Depository for storage of less-used library materials was opened in 1994.

241.2  The Beginnings of the University

Excerpt from University Beginnings in Alberta, by RK Gordon.

We were a small, light-hearted company, hardly more than a score of us; and all of us were young. We lived in a clearing in the poplar bush on the south bank of the North Saskatchewan River. On the sloping sides of the great valley and on the flats below the coyotes barked and howled at night, but on top of the bank we taught mathematics and physics, Greek and history, English literature, and biology. Along with some four hundred students and two red brick buildings, we were the University of Alberta; and we felt sure that the future belonged to us, not to the coyotes.

We looked across the river to the newly-finished building of the Provincial Government, which in its wisdom had brought us into being and from which came our very modest monthly cheques. Just below the Government Building stood the rather forlorn remains of old Fort Edmonton, but they were not long allowed to cumber the landscape. The new, raw, bustling city was not interested in a reminder of its humble beginnings. The future was the thing, and of the dazzling glory of that future nobody was so mean-spirited as to entertain the slightest doubt.

Alberta became a province in 1905. In 1906 the first session of legislature passed an act to authorize the establishment of the University of Alberta. The act’s sponsor was Alexander Cameron Rutherford, Alberta’s first Premier and first Minister of Education. His government purchased the site in what was then Strathcona, and Dr. Rutherford himself persuaded Henry Marshall Tory to leave McGill to become the University’s first President, an office he held from 1908 to 1928.

The act permitted all resident graduates of British and Canadian universities to register as members of Convocation. Convocation elected five members to a Senate; the government appointed ten more. The Senate, acting as the governing body of the University, established the Faculty of Arts and Science as the core of the new institution. In 1910, a revision of the University’s teaching moved on with the establishment of the Faculty of Agriculture in 1915, the School of Accounting in 1916, the School of Pharmacy and the sub-faculty of Dentistry in 1917, and the Department of Household Economics in 1918. Of these, the School of Accounting became the Faculty of Commerce, now the Faculty of Business, and Pharmacy, Dentistry, and Household Economics all became Faculties. Agriculture and Household Economics were merged as the Faculty of Agriculture, Forestry, and Home Economics in 1993.

With the end of the Great War the University rapidly expanded in number of students and staff. New laboratories were built adjacent to the Arts Building, and the Medical Building was completed in 1921 in the form it had until new wings were added following the war of 1939-45. The curriculum was fundamentally revised in 1919-20 to permit greater freedom in election of courses. The first summer session was held in 1919. The institution of the Research Council of Alberta signified not only an increasing emphasis on science, but a further recognition of the University’s involvement in the development of the province.

In 1927 St. Joseph’s College was opened under Roman Catholic auspices. St. Stephen’s College had been, as Alberta College South, the first building on the campus. After the union of the Methodist and Presbyterian churches, it was renamed in 1927 and became the United Church theological college for Alberta.

The depression years brought serious problems. Though registration did not decline, its increase was painfully slow, from 1,560 students in 1929 to 2,327 in 1939. Full-time teaching staff increased even more slowly. The budget actually fell and did not recover to its pre-depression level until after the war. No new building took place after the present Corbett Hall was completed. (Corbett Hall was originally constructed as a provincial normal school, not a University building.) RC Wallace succeeded President Tory in 1928, and in 1936 was followed by WAR Kerr, who had been the first Dean of the Faculty of Arts and Science. The affiliation of Mount Royal College in 1931 marked a new beginning of university work in Calgary. The Banff School of Fine Arts opened in 1933 and the Western Board of Music was established in 1931. Entrance to the University from Grade 11 was abolished in 1937. In 1930 fraternities were permitted; a less controversial change was the abolition of the old practices involved in freshman initiation.

The impact of the war of 1939 was very different from that of 1914-18. Though war naturally disrupted the University’s life, there was a determination to preserve its essential being while using its facilities as fully as possible in relation to the national effort. The Air Force took over the three residences and out-of-town students, whose number had not substantially declined, flocked into Garneau boarding houses and made use of a new cafeteria known to later generations as Hot Caf (which was demolished in 1969 to provide the site for the Central Academic Building). Medicine, Dentistry, and Education offered accelerated courses. Engineering offered special courses to members of the armed services. No more important development took place than the acceptance in 1945 by the University of sole responsibility for the training of Alberta teachers. The School of Education, established in 1928, became a faculty in 1942, and after the war it became, in terms of enrolment, the largest in the University.

A period of rapid growth followed, with registration reaching 439 in 1914. Assiniboia Hall was completed in 1913, Pembina Hall in 1914, and the Arts Building was formally opened in 1915. The Faculty of Law had its beginning in 1912. In the same year the Department of Extension initiated its work of promoting a closer relationship between the University and the people of the province. In 1913 the Faculty of Applied Science (renamed Engineering in 1948) and the Faculty of Medicine were instituted, the latter able to offer three years of a five-year program.

The Students’ Union was established during the first session and the first edition of the Gateway, the students’ newspaper, appeared in 1911. The Committee on Student Affairs began in 1912 as a joint committee of students and University officials to exercise general supervision over matters affecting student welfare and discipline. Today the Council on Student Affairs carries on its work.

231.3  Years of Challenge: 1914 to 1945

The outbreak of war in 1914 slowed the pace of development. The new University sent 438 of its staff, alumni, and students to the armed forces. Eighty-two were killed or died on active service. Their names, together with those of the casualties of the war of 1939-45, are commemorated on a bronze tablet near the entrance to Convocation Hall.

Although the war brought a halt to the building activity, the organization of the University’s teaching moved on with the establishment of the Faculty of Agriculture in 1915, the School of Accounting in 1916, the School of Pharmacy and the sub-faculty of Dentistry in 1917, and the Department of Household Economics in 1918. Of these, the School of Accounting became the Faculty of Commerce, now the Faculty of Business, and Pharmacy, Dentistry, and Household Economics all became Faculties. Agriculture and Household Economics were merged as the Faculty of Agriculture, Forestry, and Home Economics in 1993.

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231.1.4 Years of Expansion: 1945 to 1969

With the end of the war, a flood of veterans poured into the University and registration rose from 2,023 in 1943–44 to a peak of nearly 5,000 in 1947–48. Accommodation in classrooms, laboratories, and libraries was pathetically inadequate, and housing was generally even less satisfactory. Army huts only partially relieved the pressure. While by 1947 student numbers had tripled from pre-war figures, the full-time teaching staff did not even double. Thereafter the pace of campus development slowly increased. New wings were added to the Medical Building in 1947 and 1948. The first Students' Union Building opened in 1950, the Laurier Library and the Engineering Building in 1951, and the Agriculture Building in 1953 (now, after enlargements and renovations, the Earth Sciences Building). The Administration Building dates from 1957. The hectic post-war years merged into the slower growth of the 1950s. Andrew Stewart became president in 1950 and was succeeded by Walter H Johns, who served from 1959 to 1969. In that ten-year period the enrolment rose from approximately 5,000 to 17,500, as the post-war generation came to university age.

This unprecedented increase in numbers made necessary the rapid construction of new buildings during the 1960s. The Physical Education Building, the Medical Sciences Building, and additions to the Medical and Engineering Buildings were followed by the Education Building in 1963, the Donald Ewing Cameron Library, the Household Economics Building, and the new residences named after western explorers. The dining centre was named in honor of Reg Lister, who had for so many years taken care of the older residences. The Henry Marshall Tory Building was opened in 1966, Phase I of the Engineering Centre in 1968, and the Clinical Sciences Building of the Faculty of Medicine in 1969. A new Students' Union Building opened in 1967. No major changes in the University's legal status occurred until the Act of 1966 provided for the establishment of other and separate provincial universities under the University's Commission, which has since been administered.

The increasing range and complexity of subjects studied at the University was reflected in the classification of Graduate Studies as a faculty in 1957, in the division of the Faculty of Arts and Science into two faculties in 1963, and in the foundation of a number of new centres and institutes dedicated specifically to research. A School of Library Science was created in 1968; an independent Faculty from 1975 to 1991, it is now, as the School of Library and Information Studies, a unit within the Faculty of Education. Outside of Edmonton, the University's work in Calgary, instituted in 1951, gradually expanded and an affiliated junior college was established in Lethbridge. These became separate universities in 1986. Other junior colleges in Medicine Hat, Camrose, Red Deer, and Grande Prairie became affiliated with the University to help bring higher education to more areas of the province.

231.1.5 Recent Years

Max Wyman, the first graduate of the University to become its president, took office in 1969 and served until 1974; Harry Gunning followed from 1974 to 1979, and Myer Horowitz from 1979 to 1989, when Paul Davenport was installed; several recitals on this instrument have been nationally broadcast since it was inaugurated in 1978. Renovation of the Arts Building was completed in the spring of 1988.

In 1970 the Collège Saint-Jean, in South Edmonton, became an integral part of the University as the Collège Universitaire Saint-Jean and in May of 1978 it became the University's newest faculty when the name officially changed to Faculté Saint-Jean. It offers a bilingual program of courses in Arts, Science, and Education.

A School of Native Studies, preparing a curriculum and a learning environment designed specifically to meet the needs of Canada’s Aboriginal peoples, was founded in 1984.

Spring Session (a six-week period between the end of the regular Winter Session and the beginning of Summer Session), during which intensive courses are offered, was inaugurated in 1972 and proved to be an immediate success.

The importance of scholarly publishing in the academic community was recognized when the Board of Governors formally established the University of Alberta Press. Although at first without regular staff, the Press nevertheless succeeded in publishing a small group of works of high quality. The appointment of Les Gutteridge as the first Director of the Press in 1977 placed its operations on a more adequate basis; since then it has issued a number of works of scholarly value each year. The publication in July 1981, of A History of the University of Alberta, by former president Walter H Johns, was a sign of the maturity both of the University and of the Press.

In 1983 the University celebrated the seventy-fifth anniversary of its foundation in a way that illustrated its significance in Canada and the international community. HRH the Prince of Wales received an honorary doctorate at a special convocation, and opened the World University Games, which attracted more than 6,000 participants from 87 countries to a wide variety of athletic and cultural events. The Universiade Pavilion, the Tennis Centre, and new student housing in Garneau, all completed in time to be used during the games, remain as reminders of the occasion.

In the 1990s the University was severely affected by retrenchments in the provincial budget; a state of financial exigency was declared by the Board of Governors in 1994. As part of an effort to reduce administrative costs without impairing educational quality, a number of faculties and departments were merged. Nevertheless, in fulfillment of the purposes of a generous private donation, it was possible in 1994 to complete the Timms Centre for the Arts, with up-to-date facilities for the performing arts, a sign of the University's continuing commitment to enhancing the quality of life in the community as a whole.

231.2 University Traditions

231.2.1 The University Motto

The University motto, Quaecumque vera, is taken from the Latin Vulgate version of the Bible, the Epistle of St Paul to the Philippians, chapter 4, verse 8: De cetero, fratres, quaecumque sunt vera, quaecumque bonae famae, si qua virtus, si qua laus disciplinae, haec cogitate.

Following is the same passage, from the King James version:

Finally, brethren, whatsoever things are true, whatsoever things are honest, whatsoever things are just, whatsoever things are pure, whatsoever things are lovely, whatsoever things are of good report, if there be any virtue, and if there be any praise, think on these things.

231.2.2 The Coat of Arms

On November 15, 1909, a motion by the faculty recommended to the Senate the adoption by the University of the provincial coat of arms, with the addition of an open book above the shield and the motto Lux et Lex;
the words “University of Alberta” were to be attached as might seem fit. The present motto was substituted in January 1911 for the one originally proposed. In 1950 the representation of the coat of arms was altered to conform better to the principles of heraldic design; but these arms were never actually registered.

In 1949 a new coat of arms incorporating a number of traditional symbols associated with the University or the Province, or with learning, was officially granted by the Canadian Heraldic Authority. In non-technical language, it consists of the following elements:

Shield: a representation of the topography of Alberta (wheat fields, hills, rivers, and the Rocky Mountains) derived from the provincial coat of arms, and a book symbolizing learning.

Crest: a Great Horned Owl, the provincial bird and a traditional symbol of wisdom.

Supporters: a pronghorn, taken from the provincial coat of arms, and a golden bear, long the University mascot, standing on a mound of wild roses, the floral emblem of Alberta.

Motto: Dextra virum, sinister sapientiam. The arms are copyrighted and may not be used without permission of the Board of Governors. The name of the University is similarly protected.

231.2.3 The University Colors

The original suggestion for green and gold University colors came from Marion Kirby Alexander, who drew her inspiration from the autumn colors of the river valley below the campus. Her husband, William Hardy Alexander, Professor of Classics, relayed the suggestion to the Faculty meeting of October 5, 1908. At its first meeting of October 13, 1908, the Senate approved the combination of green and gold as particularly appropriate to the new University of Alberta. The green represents wide stretches of prairie land flanked by deep spruce forests, and is symbolic of hope and optimism; the gold represents the golden harvest fields and is symbolic of the light of knowledge.

231.2.4 The University Flag

The Flag of the University is comprised of the shield of the coat of arms on a gold background. The shield and the motto are used in accordance with the University’s visual identity program.

231.2.5 Academic Costume

All undergraduate and master’s degree gowns are the customary Cambridge shape, ie., a gown of black material falling below the knee with full sleeves cut to the elbow and terminating in a point. Hoods are made in the Oxford pattern of spruce green material. The Bachelor’s hood has a border three inches wide of the color distinctive of the Faculty as noted below. The Masters’ hood has a full lining of the color distinctive of the Faculty also noted below. Mortarboards are the standard black trenched shape with black tassels, which are worn forward and to the left.

### Undergraduate Degrees

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<th>Business</th>
<th>Education</th>
<th>Engineering</th>
<th>Law</th>
<th>Medicine and Oral Health Sciences</th>
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### Master’s Degrees

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### Doctorate Degrees

Doctors’ gowns (PhD, DMus, and EdD) conform to the Intercollegiate Code in design. They are made of black material and the velvet trim on the sleeves is Philosophy Blue for the PhD and DMus, and Education Light Blue for the EdD. Doctor’s hoods conform to the Intercollegiate Code in shape, size, and color. They are made of black material to match the gown, and have a full lining of gold satin with a six-inch green satin chevron. The velvet trim distinguishes the two degrees and matches the velvet trim on the gown’s sleeves. There is a narrow green piping where the gold lining joins the black material. Mortarboards are the standard black trenched shape with black tassels, which are worn forward and to the left.

Honorary Doctorates

Honorary Doctors of Laws, Letters, and Science wear a scarlet robe faced with white silk. Hoods are made in the Cambridge form of scarlet silk with a full lining of white silk. Caps are black velvet with a gold tassel.
Presidents of the University of Alberta

- 1908 - 1928 Henry Marshall Tory
- 1928 - 1936 Robert C Wallace
- 1936 - 1941 William AR Kerr
- 1941 - 1950 Robert Newton
- 1950 - 1959 Andrew Stewart
- 1959 - 1966 Walter H Johns
- 1966 - 1974 Max Wyman
- 1974 - 1979 Harry Gunning
- 1979 - 1989 Myer Horowitz
- 1989 - 1994 Paul T Davenport
- 1994 - 1995 W John McDonald
- 1995 - Roderick D Fraser

Chancellors of the University of Alberta

- 1908 - 1926 Charles Allen Stuart
- 1926 - 1927 Nicolas Dubois Dominic Beck
- 1927 - 1942 Alexander Cameron Rutherford
- 1942 - 1946 Frank Ford
- 1946 - 1952 George Frederick McNally
- 1952 - 1958 Earle Parkhill Scarlett
- 1958 - 1964 Lawrence Yeomans Cairns
- 1964 - 1970 Francis Philip Galbraith
- 1970 - 1974 Louis Armand Desrochers
- 1974 - 1978 Ronald Norman Dalby
- 1978 - 1982 Jean Beatrice Forest
- 1982 - 1986 Peter Savaryn
- 1986 - 1990 Tevie H Miller
- 1990 - 1994 Sandy A Macagata
- 1994 - Louis D Hyndman

Presidents of the Students’ Union

- 1909 - 1910 F Stacey McCall
- 1911 - 1912 Albert E Ottewell
- 1912 - 1913 W Davidson
- 1913 - 1914 HG (Paddy) Nolan
- 1914 - 1915 RC Jackson
- 1915 - 1916 Arthur E White
- 1916 - 1917 Katherine I McRimmon
- 1917 - 1918 JH Olgilvie
- 1918 - 1919 PF Morecombe
- 1919 - 1920 C Reilly
- 1920 - 1923 AD McMillan
- 1921 - 1922 HR Thornton
- 1922 - 1923 Robert L Lamb
- 1923 - 1924 John A McAllister
- 1924 - 1925 Mark R Levey (Marshall)
- 1925 - 1926 Percy G Davies
- 1926 - 1927 Ernest B Wilson
- 1927 - 1928 DJ Wesley Oke
- 1928 - 1929 Anna Wilson
- 1929 - 1930 Donald Cameron
- 1930 - 1931 AD Harding
- 1931 - 1932 ME Manning
- 1932 - 1933 Arthur Wilson
- 1933 - 1934 Hugh Arnold
- 1934 - 1935 Arthur Bierwagen
- 1935 - 1936 Edward E Bishop
- 1936 - 1937 Bill Scott
- 1937 - 1938 Arch McEwan
- 1938 - 1939 John A Maxwell
- 1939 - 1940 JP Dewis
- 1940 - 1941 Jack Neilson
- 1941 - 1942 Bob MacBeth
- 1942 - 1943 Llyod Grisdale
- 1943 - 1944 Gerry Amerongen
- 1944 - 1945 Alf Harper
- 1945 - 1946 Ron Helmer
- 1946 - 1947 Willard (Bill) Pybus
- 1947 - 1948 George Hartling
- 1948 - 1949 Bernard J Bowlen
- 1949 - 1950 Tevie Miller
- 1950 - 1951 Michael O’Byrne
- 1951 - 1952 E Peter Lougheed
- 1952 - 1953 Edward Stack
- 1953 - 1954 WA Doug Burns
- 1954 - 1955 Robert J Edgar
- 1955 - 1956 John D Bracco
- 1956 - 1957 John N Chappell
- 1957 - 1958 Robert F Smith
- 1958 - 1959 Louis D Hyndman
- 1959 - 1960 John V Decore
- 1960 - 1961 Alex F McCalla
- 1961 - 1962 Peter S Hyndman
- 1962 - 1963 David E Jenkins
- 1963 - 1964 A Wesley Cragg
- 1964 - 1965 Francis M Saville
- 1965 - 1966 Richard T Price
- 1966 - 1967 Branny Schebanovich
- 1967 - 1968 Al W Anderson
- 1968 - 1969 Marilyn Pilkington
- 1971 - 1972 Donald G McKenzie
- 1972 - 1973 Gerald A Riskin
- 1973 - 1974 George W Mantor
- 1974 - 1975 Joseph G McGhee
- 1975 - 1976 Graeme Leadbeater
- 1977 - 1978 EJ (Jay) Spark
- 1978 - 1979 Cheryl A Hume
- 1979 - 1980 Dean L Oimstead
- 1980 - 1981 Nolan D Ashley
- 1981 - 1982 Philip DK Soper
- 1982 - 1983 Robert G Greenhill
- 1983 - 1984 Robert G Greenhill
- 1984 - 1985 Floyd W Hodgins
- 1985 - 1986 Mike A Nickel
- 1986 - 1987 David SR Oginski
- 1987 - 1988 Timothy I Boston
- 1988 - 1989 Paul LaGrange
- 1989 - 1990 David Tupper
- 1990 - 1991 Suresh Mustapha
- 1991 - 1992 Marc Dumouchel
- 1992 - 1993 Randy P Boissonnault
- 1993 - 1994 Terence Filewych
- 1994 - 1995 Suzanne Scott
- 1995 - Garett Poston

Presidents of the Graduate Students’ Association

- 1964 - 1965 WT Painter
- 1965 - 1966 Dave Grudon
- 1966 - 1967 Peter Boothroyd
- 1967 - 1968 John Towler
- 1969 - 1970 Bob Newall
- 1970 - 1971 Bob Newall
- 1971 - 1972 John Hoddinott
- 1972 - 1973 Mohammed Adam
- 1973 - 1974 Peter Flynn
- 1974 - 1975 Susan Therin
- 1975 - 1976 Jack Girton
- 1976 - 1977 John Cherwonogrodzky
- 1977 - 1978 Jim Talbot
- 1978 - 1979 Barry Mills
- 1979 - 1980 George McCourt/Myron Olekiew
- 1981 - 1982 Patricia Whiteley/Niall Shanks
- 1982 - 1983 Bob Ascah
- 1983 - 1984 Richard Jhn
- 1984 - 1985 Gary Genosko
- 1985 - 1986 Kevin Giles
- 1986 - 1987 Annette Richardson
- 1987 - 1988 Florence Galnfield
- 1988 - 1989 Dwayne Barber
- 1989 - 1990 Ken Ross
- 1990 - 1991 Stephen Downs
- 1992 - 1993 Steven Karp
- 1993 - 1994 Frank Coughlan
- 1994 - 1995 Kimberley Krushell
- 1995 - 1996 Jay Krushell
- 1996 - Gordon Squirell

Constitution of the University

Introduction

The main lines of the constitution of the University of Alberta are laid down in the Universities Act assented to April 15, 1966.

Reserved

The Universities Coordinating Council

General Information

The Universities’ Coordinating Council consists of the following representatives of each university in Alberta: the President, the Vice-President (Academic), two Deans and two other members of the academic staff appointed by the General Faculties Council, and not more than three other members of the academic staff appointed by the Coordinating Council itself. The Chair is elected by the Council, but shall not be elected from the representatives of one university for more than three consecutive years. The Council may appoint a secretary and prescribe his or her powers, functions and duties.
The Council inquires into any matter that in its opinion calls for cooperative action on the part of the General Faculties Councils, and makes recommendations thereon to any General Faculties Council or the Minister of Advanced Education; it may give its advice and opinions to the General Faculties Council or to the Minister on any matter. It may make recommendations to the Board of Governors of a University or to the Minister. It may determine minimum standards for the affiliation of colleges or other institutions with the Universities, and may recommend that an affiliation agreement be made, modified, or dissolved. It gives or withholds its approval of standards or policies proposed by a General Faculties Council with regard to the admission of first-year students to any University. It has jurisdiction over the conditions of entrance to certain learned professions and callings.

232.4 Reserved

232.5 The Chancellor

Chancellor of the University
LD Hyndman, BA, LLB, OC, QC

The Chancellor is titular head of the University, and represents the public interest in the University. Elected for a four-year term of office by the Senate, the Chancellor is chair of the Senate, an ex officio member of the Board of Governors, confers all degrees and represents the University at ceremonial occasions.

232.6 The President and Vice-Chancellor

President and Vice-Chancellor
RD Fraser, BA, MA, PhD

The President, who is also the Vice-Chancellor, is ex officio a member of the Universities Coordinating Council, the Board of Governors, the Senate, and all faculty councils. The President chairs meetings of General Faculties Council and Deans’ Council. He is entrusted with the general supervision of the academic work and the business affairs of the University and may recommend to the Board of Governors on any matter affecting the University.

232.7 The Vice-Presidents

Vice-President (Academic)
DR Owram, PhD

The Vice-President (Academic) is the senior vice-president. In the absence or incapacity of the President, or when the presidency is vacant, he is the Acting President.

Vice-President (Finance and Administration)
G Harris, MASc

Acting Vice-President (Research and External Affairs)
RS Smith, PhD

232.8 The Board of Governors

232.8.1 Members

Chair
JT Ferguson, BComm

Statutory Members
LD Hyndman, BA, LLB, OC, QC, Chancellor of the University
RD Fraser, BA, MA, PhD, President of the University

Alumni Representatives
WJ Beckett, BSc, PEng
LE Malin, BA, LLB, OC

Senate Representative to the Board
BA Pearson, BA

Academic Staff Representatives
G Faulkner, BSc, MSc, PhD
D Kieren, BA, MSc, PhD

Non-Academic Representative
A Moore

Student Representatives
S Curran
G Poston
G Squirel, BBA, MBA

Public Representatives
EW Broker, BSc, MSc, PhD, PEng, FEIC, FSCE
DR Foy, BA, BComm
E Makarenko
DF Mazankowski, LLB (Rt Hon)
E Newell, BSc, MSc, LLB
GP Reeves
T Shields, BEd, MEd
P Wacko

232.8.2 Board Secretary

L Shulko

The Board of Governors is a corporation with the name “The Governors of The University of Alberta.” It consists of a Chair appointed by the Lieutenant-Governor in Council, the Chancellor, the President, and 17 other persons appointed by the Lieutenant-Governor in Council. Of the 17, two are members of the Alumni Association nominated by the Association, one is a member of the Senate nominated by it from those of its members who are not on the University Staff, two are members of the academic staff nominated by the General Faculties Council, one is a member of the non-academic staff nominated by the non-academic staff, one is a student nominated by the Graduate Students’ Association, two are students nominated by the Students’ Council, and eight are appointed as representatives of the “general public.”

The conduct, management, and control of the University and all its property, revenue, business, and affairs are vested in the Board. The Board appoints the deans of all faculties, all members of the teaching staff, the Librarian, the Registrar, and all members of the administrative staff, but no one may be appointed to a senior administrative post or to the academic staff of the University unless first nominated by the President of the University. The Board provides for the maintenance of buildings and the erection of new buildings. It has authority to purchase and acquire such property as it may deem necessary for the purposes of the University. It fixes the various fees charged in connection with university courses and makes financial provision for the establishment of new faculties, departments, and courses. It may establish arrangements designed to contribute to the educational and cultural advancement of the people of Alberta at large. When any question arises as to the powers or duties of the Senate or any other University body or of the President or a dean or other officer or employee, and these powers and duties are not definitely provided for in The Universities Act, the Board’s decision on the question is final.

232.9 The Senate

232.9.1 Ex officio Members

Chancellor of the University
LD Hyndman

President of the University
RD Fraser

Vice-President (Academic)
D Owram

Dean of Students
J Newton

Dean, Faculty of Extension
R Garrison

President of the Alumni Association
M Van Vliet

Vice-President of the Alumni Association
L Malin

232.9.2 Appointed Members

Appointed by Deans’ Council
L Beauchamp
A Quinney

Appointed by the Board of Governors
J Beckett
L Malin

Appointed by General Faculties Council
W Allegretto
S Amitzen
M Haughey

Appointed by the Alumni Association
D Park
L Walter

Appointed by the Minister of Advanced Education
G Ahmed
N Ahmed
A Barette
L Billings
J Cosco
J DoBush
Z Lakhan
S Schmold
G Tagg

Appointed by Students’ Union
R Harrison
S Jones
D McLean
C Peredery

Appointed by the Graduate Students’ Association
A Upal
232.10 General Faculties Council

232.10.1 Ex officio Members
The President
The Vice-Presidents
The Deans of the Faculties
The Director of the School of Library and Information Studies
The Director of the School of Native Studies
The Librarian
The Registrar

232.10.2 Elected Members
46 members elected by and from the faculty

232.10.3 Statutory Student Members
2 Undergraduate students
1 Graduate student

232.10.4 Appointed Members
3 Members of the non-academic staff
3 Librarians
2 Representatives of the academic staff on the Board of Governors
1 representative of the non-academic staff on the Board of Governors
2 student representatives on the Board of Governors
2 Administrative and Professional Officers/Faculty Service Officers
The President of the AASUA

232.10.5 Secretary
EA Schoeck, BA (Hons), MA

General Faculties Council (GFC) consists of the President, the Vice-Presidents, the Deans, the Librarian, the Registrar, elected members representing the Faculties and appointed members, including students. The number of elected staff members is twice that of the ex officio members and the number of appointed student members equals the number of elected staff members. General Faculties Council, subject to the authority of the Board of Governors, is the senior academic body of the University. It provides for the granting and conferring of degrees, for the approval of courses and programs of study, and for the hearing of certain appeals. GFC determines standards and policies respecting admission of students and it may make recommendations to the Board on affiliation of other institutions, on academic planning, campus planning, the budget, procedures regarding the appointment, promotion and dismissal of academic staff, and any other matter which it considers to be of interest to the University. It has the general supervision of student affairs.

232.11 Deans’ Council

EA Schoeck, BA (Hons), MA, Secretary

Deans’ Council is an advisory body to the President, the Board of Governors, and to General Faculties Council. It consists of the President, the Vice-Presidents, the Dean of each Faculty, the Director of the School of Native Studies, the Registrar and the Chief Librarian.

232.12 Faculty Councils

Each Faculty, except that of Graduate Studies and Research, has a council consisting of the President, the dean of the Faculty, all full-time members of the academic staff of the Faculty, a representative of each of the appropriate professional societies associated with the faculty, appointed by General Faculties Council on the recommendation of the Faculty Council, and other persons appointed by General Faculties Council on the recommendation of the Faculty Council. The Council of the Faculty of Graduate Studies and Research consists of the President, the Dean, and other persons appointed by General Faculties Council.

Each Faculty Council, subject to the control of General Faculties Council, arranges the courses of study falling within its jurisdiction and provides for the setting of examinations and for determining the results. It deals with admissions and withdrawals and authorizes the granting of degrees in branches of learning within its jurisdiction.

232.13 Other Administrative Offices

232.13.1 Office of the Vice-President (Academic)

DR Owram, PhD, Vice-President (Academic)
BP Dankic, PhD, Associate Vice-President (Academic)
AM Decore, PhD, Associate Vice-President (Academic)
BH McDonald, MBA, Associate Vice-President (Academic Administration)
BJ Silzer, MED, Associate Vice-President and Registrar
K Moodie, BSc, Budget Analyst
LA White, Academic Personnel Officer (Academic Administration)

232.13.2 Office of the Vice-President (Finance and Administration)

G Harris, BSc, MBA, Vice-President (Finance and Administration)
F Bouman, BA, MBA, Executive Assistant to the Vice-President (Finance and Administration)
J Fleming, BA, Associate Vice-President (Operations and Physical Resources)
E Ingles, BA, MA, MLIS, Associate Vice-President (Learning Support Systems)
W Wetterberg, BA, Associate Vice-President (Human Resources)
N Merali, CMA, Associate Vice-President (Finance)

232.13.3 Office of the Vice-President (Research and External Affairs)

RS Smith, PhD, Acting Vice-President
T Flannigan, PhD, Executive Director of External Affairs
BG Kratch, PhD, Associate Vice-President (Research)
232.13.19 Real Estate Services

A Mah, BCom, CPM, Director

232.13.20 Office of the Registrar

BJ Sizer, BSc, BEd, Med, Registrar
PSM Pearlstone, BSc, MSc, Assistant Registrar (Director of Records)
BG Neuman, BA, MA, EdD, Associate Registrar (Director of Admissions)
M Beharry, BSc, Assistant Registrar (Information Systems)
F DeCoteau, BA, Assistant Registrar (Administrative Services)
S Gibson, BSc, Assistant Director of Records, OASIS Liaison
SD Jenkins, BA, Assistant Director of Admissions, OASIS Liaison
SE Main, BA, Assistant Registrar (Liaison and Recruitment)
LM Pashniak, BA, Assistant Registrar (Publications and Orientation)
DVE Smith, BA, Assistant Registrar (Records Production)
LM Taylor, BA, Assistant Registrar (Admissions Production)

232.13.21 Research Grants Office

CF Beike, PhD, Director
SK Baker, Administrative Officer
LL Brulotte, BA, Information Officer
LY Burger, PhD, Programs Manager
EA MacKenzie, Grants Administrator

232.13.22 University Student Services

Dean of Students
JD Newton, PhD

Senior Administrator, Office of the Dean of Students, Career and Placement Services, Services for Students with Disabilities, International Centre, Native Student Services, Personal and Academic Resources, University Health Services, Student Financial Aid and Information Centre, Sexual Assault Centre, Academic Support Centre, Student Counselling Services, and the Student Advisor.

Office of the Dean of Students
JD Newton, PhD, Dean of Students
S Kennedy, BA, Executive Assistant to the Dean
D Sabino, BEd, Office Manager
A Warrack, PhD, Fraternity Advisor

Career and Placement Services (CaPs)
W Coffin, Director
A Arca, Financial Records Clerk
V Misen, Receptionist

Career Services
C Castillo, Career Fairs/Forums Coordinator
J Lamb, Library Assistant
J Schliebein, Manager, Career Services

Recruitment Services
A Mattis, Recruitment Assistant
G McClelland, Recruitment Assistant
D Nordstrom, Manager, Recruitment Services

Services for Students with Disabilities
M Vosahlo, BA, Director
T Doupe, BEd, Instructor, PSLD
T Hetman, Admin Educ Interpreter
M Hyndman, BA, Student Advisor/Coord of Vol Pgm
C Johnson, BEd, Instructor, PSLD
A Kelly, BEd (PE), Student Advisor/Coord of Vol Pgm
T Krissie, Secretary/Receptionist
A Sinha, PhD, Counsellor/PSLD (Program for Students with Learning Disabilities)

International Centre
B Caldwell, Director
S Bandali, Information Officer
N Hannemann, Development Education Coordinator
R Pugh, Receptionist/Information Assistant
S Schultz, Administrative Assistant
B Tonge, Education Abroad Coordinator
D Weir, Programs and Services Coordinator

Native Student Services
J Martin, BA, BSc, Acting Director
L Edge, BA, Aboriginal Student Advisor
R Hart, BA, Northern Student Services Advisor
B Littlechild, MEd, BEd, MA, Coordinator, Transition Year Program

Student Advisor
N Sharpe, MA

Student Counselling Services
B McKenzie, PhD, Coordinator, Student Counselling Services
C Evans, Receptionist
B Lamb, Office Manager

232.13.23 Technical Resource Group

JE Ross, BSc, Director
DR Patten, Audio Visual Services Manager
WL Diachuk, Electronics/Instrument Repair, Manager
BR Hestbak, Graphic Design and Photography Services, Manager
E Szymanski, Machine/Fabricating Shop, Coordinator
MP Connors, Scientific Glassblowing Services, Specialist Technician

232.13.24 University Archives

BE Corbett, BA (Hons), MA, CSP, CA, University Archivist
BE Hobbs, BA, BLS, Associate Archivist
ME Vajcner, BA (Hons), MA, Assistant Archivist
K Warner, BA, BEd, Archives Assistant

232.13.25 University Bookstore

JC Malone, BCom, Bookstore Director

232.13.26 University Design Inc

G Matthes, Marketing and Licensing Director

232.13.27 University Information Enterprises

J Andrews, MSc, Director

232.13.28 University Press

G Rollans, Director
ML Mahoney-Robson, Editor
Y Sekiya, Press Secretary, Customer Service

232.13.29 University Secretariat

EA Schoeck, BA (Hons), MA, Director of the University Secretariat and Secretary to General Faculties Council
S Babcock, BA, MA, MBA, Student Appeals Coordinator
G Bodnar, BA (Hons), Associate Director of the University Secretariat

232.13.30 University Teaching Services

B Roed, BA, MA, Director
G Wiebe, BA, MA, PhD, Coordinator

233 University Libraries

233.1 Administration

Director of Libraries
EB Ingles, BA, MA, MLS

Assistant Director (Administration and Facilitation)
T James, BA, BLS

Assistant Director (Library Development and Public Relations)
D Distad, BA, MA, PhD, MLS

233.2 Academic Planning and Liaison

Associate Director
BJ Busch, AB, AMLS, MA
### 233.3 Operational Support Services

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<td>Associate Director</td>
<td>S Wilkins, BA, MLS</td>
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<td>Acquisitions Head</td>
<td>MB Storozuk, BA, BLS</td>
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<td>Librarians</td>
<td>DC Rollins, BSc, MLS</td>
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<td>Administrative Professional Officer</td>
<td>S Marshall, BEd</td>
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<tr>
<td>Financial Systems and Analysis Head</td>
<td>D Fung</td>
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<td>Librarians</td>
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<tr>
<td>Technical Operations Manager</td>
<td>JD Poff, BA, MA, MLS</td>
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### 233.4 Areas

#### 233.4.1 Faculté Saint-Jean Bibliothèque

**Bibliothécaire en chef**

J Henley, BA, BLS

**Bibliothécaire**

J Girouard, BA, MLS

#### 233.4.2 Herbert T Coutts (Education) Library

**Education Librarian**

K DeLong, BA, MLS, MPM

**Head, Curriculum and Education Reference Services**

J Tong, BA, BLS, BEd, MED

**Head, Administrative and Access Services**

G Kayler, BA, MLS, MED

**Librarians**

M Beristain, BEd, MLS

J Colter, BA, MLS

P Rempel, BA, BLS

I Scott, BEd, MLS

K Wilson, BA, MLS

#### 233.4.3 Humanities and Social Sciences Library

**Humanities and Social Sciences Librarian**

D Dancik, BA, MLS, MED

**Business Librarian**

K West, BA, MLS

**Collections Development Librarian**

F Ziegler, BA, MLS

**Data Library**

C Humphrey, BA, MLS

**Government Publications Librarian**

SS Manwaring, BA, BLS

**Periodicals and Microforms Librarian**

M McClary, BA, DipEd, MLS

**Librarians**

WA Allison, BA, BEd, MA, MLS

P Figueroa, BA, BSc, MLS

I Hooper, BA, MLS

V Janssen, BEd, MLS

F Maxwell, BA, MEd, MLS, Prof Teaching Cert

M May, BMus, MLS

F Russell, BA, MLS

A Rutkowski, MA, MLS

CD Sharples, BA

JW Kieley, BA, MA, ALA, FIL

**Sessional**

J Williamson, BA, MLS

#### 233.4.4 Information Technology Services

**Information Technology Services Librarian**

JD Poff, BA, MA, MLS

**Technical Operations Manager**

A Darnell, BA, MA, MLS

#### 233.4.5 John A Weir Memorial Law Library

**Law Librarian (Acting)**

D Dancik, BA, MLS, MED

**Librarians**

B Burrows, BSc, BLS

W Guoika-Stanka, BA, MA, MLS

DC Rollins, BSc, MLS

MB Storozuk, BA, BLS

S Wilkins, BA, MLS

### 233.6 John W Scott Health Sciences Library

**Health Sciences Librarian (Acting)**

ME Young, BSc, MLS

**Collections Coordinator**

J Buckingham, BA, MLS

**Reference Coordinator**

LK Starr, BSc, MLS

**Librarians**

M Dorgan, BA, BLS

L Seale, BA, MLS

S Shores, BA, MLS

I Slater, BEd, BA, MLS

S Van Hailstma, BSc Pharm, BLS

### 233.7 Science and Technology Library

**Science and Technology Librarian**

ME Young, BSc, MLS

**Collections Coordinator**

DL Jones, BSc, MLS

**Librarians**

S Campbell, BA, MLS

E Howe, BEd, MLS

M Jamieson, BA, MLS

J Kowalik, BA, MLS

S Moysa, BA, BLS

RP Reichardt, BSc, MLS

#### 233.7.1 Canadian Circumpolar Library

**Head**

R Minion, BA, MLS

#### 233.7.2 William C Wonders Map Collection

**Head**

S Campbell, BA, MLS

### 233.5 University Library

The resources of the University of Alberta Library system comprise one of the major research collections in Canada. The system consists of 13 subject collections with a total of over 3,600,000 volumes, 735,000 government documents, 18,000 serial subscriptions, 400,000 maps, 1,000,000 air photos, audiovisual resources, and a large collection of research materials in microform.

Collection access is provided through an online computerized catalogue system, and offers assistance in accessing other libraries and information resources worldwide through computer networks. The Library offers electronic literature searching of several hundred commercial databases, and provides interlibrary loan service through a network of research collections in North America and around the world.

The Humanities and Social Sciences Library includes, in the Rutherford Library, collections of monographs, bound periodicals, and government documents numbering about 1.7 million volumes, a very large collection of materials in microformats (more than 500,000 items), over 4,500 current periodicals in the Reading Room in Rutherford South, plus a significant collection of Canadian and foreign newspapers. The business reference library is located at the Winspear Reading Room in the Business Building. In addition, older HSS research resources numbering about 400,000 volumes are housed offsite at the Book and Record Depository (BARD). A large reference collection of electronic databases, CD-ROM products, indices, handbooks, and statistical sources provides access to the literature in the humanities and social sciences.

The Bruce Peel Special Collections Library is located on the lower level of Rutherford South. This collection of approximately 80,000 volumes houses the University’s rare books in the humanities and social sciences. It also includes some literary manuscripts, Western Canadian papers, and the archival collection of all the University of Alberta theses and dissertations. Major holdings in English literature include: John Bunyan, John Milton, DH Lawrence, 18th century plays, and three-decker novels with emphasis on the Minerva Press. Western Canadian is another collection area, as is 20th century fine printing from England, the United States, and Canada. Special Collections also houses the University's rare books in the humanities and social sciences.

The Science and Technology Library occupies the first, second, third, and fourth floors of Cameron Library. This collection consists of books, government publications, and a large number of periodicals of a scientific nature in the areas of agriculture and forestry, engineering, science, and home economics. The Head of this library is also responsible for five branch libraries: the Mathematics Branch Library, located in the Central Academic Building; the Physical Sciences Branch Library, located in the Chemistry Building; the Computing Sciences Reading Room, located in the General Services Building; the William C Wonders Map Collection; and the Canadian Circumpolar Library, located on the Fourth Floor, Cameron Library. The
The Alberta Law Reform Institute was established in November 1967 by agreement between the Provincial Government, the Law Society of Alberta, and the University. Its primary object is to promote law reform, particularly at the provincial level. It undertakes legal research in connection with its law reform work. The Institute had made 73 final reports to the Government of Alberta covering a wide range of subjects. Recent reports include The Presumption of Crown Immunity, Mortgages Remedies in Alberta, and the Domestic Relations of Investment Securities, Non-Pecuniary Damages in Wrongful Death Actions. The Alberta Law Reform Institute has also been intimately involved in the preparation of material for review and adoption by the Uniform Law Conference of Canada.

### 234.2 Alberta Microelectronic Centre

**Chair of the Board**  
W Waite  
**President and CEO**  
C Lumb

Alberta Microelectronic Centre (AMC) is an Alberta technology corporation, with a mission to apply commercially relevant new technologies to our customers' needs. We exist to increase economic activity in Alberta, and our success is measured by the amount of new business developed by our customers.

Microelectronics is a pervasive technology, used in all products, or in their manufacture. Shipments of microelectronic products in Alberta increased 37% from 1993 to 1994, to $1.3 billion, and now account for more than 5% of Alberta's manufactured shipments.

Created originally by the University of Alberta in 1982, AMC has grown into one of Canada's foremost microelectronics technology transfer companies. By bringing new and commercially relevant microelectronic technologies to Alberta companies, and by assisting with the commercialization of new products, AMC is contributing to Alberta's current and future prosperity.

In 1995/96, 65% of AMC's total revenue of $4 million was derived from services provided to our customers. The remainder was an operating grant from the provincial government.

AMC is governed by a private sector led Board, and in addition to this strong industrial representation, AMC also has Board members representing the Alberta government and the Universities of Alberta and Calgary.

### 234.3 Applied Mathematics Institute

**Director**  
T Bryant Moodie, PhD, FIMA

The Applied Mathematics Institute was established in 1987 to promote research in applied mathematics. The active membership is comprised of University and non-University researchers actively engaged in the application of mathematics. The research interests of the membership are extremely varied and reflect the diverse and interdisciplinary nature of modern applied mathematics. The research interests of the membership include traditional or classical disciplines such as elasticity, computational and theoretical fluid dynamics, statistics, and mathematical physics and also other disciplines such as zoology, theoretical seismology, meteorology and physical oceanography, optimal control theory, mathematical economics, chaos, parallel computing, and mathematical biology.

The Applied Mathematics Institute has an established visitors program which provides partial support for guest speakers and research collaborators. The Institute co-sponsors a bi-weekly colloquium and also co-sponsors from time to time conference and research workshops. The Applied Mathematics Institute organizes the publication of the *Newsletter* of the Canadian Applied Mathematics Society. The Applied Mathematics Institute also publishes the *AMI Newsletter* to promote and publicize the activities of the Institute membership. In cooperation with the Canadian Applied Mathematics Society, the AMI publishes an international journal, the *Canadian Applied Mathematics Quarterly*. Anyone interested in being placed on the mailing list for the *AMI Newsletter* should contact the Director.

### 234.4 Canadian Circumpolar Institute (CCI)

**Institute Staff**

- **C Hickey, PhD (Director CCI)** (Chair)
- **T Bryant Moodie, PhD, FIMA** (Director)
- **SA Boutin, Research Grants Committee Chair 1995/96**

**University of Alberta Northern Research Committee (UANRC) and Advisory Board Members**

- **C Hickey, PhD (Director CCI)** (Chair)
- **T Bryant Moodie, PhD, FIMA** (Director)
- **SA Boutin, Research Grants Committee Chair 1995/96**

**Ex officio**

- **R Kratochvil, Associate Vice-President (Research)**
- **MMR Freeman, BSL, Assistant Director (Programs)**

**General Information**

- **President and CEO**  
  W Waite  
- **C Lumb**

- **University of Alberta Northern Research Committee (UANRC)**
  - **Chair**  
    - **C Hickey, PhD (Director CCI)**
  - **Secretary**  
    - **SA Boutin, Research Grants Committee Chair 1995/96**

**External Members of the Advisory Board**

- **D Cameron, Head Librarian, Canadian Circumpolar Library**
- **C Lumb, Senior Research Scholar (CCI)**
- **EL Maloney, Assistant Director (Programs)**
- **SA Boutin, Research Grants Committee Chair 1995/96**

**Director**

- **T Bryant Moodie, PhD, FIMA**

The Alberta Law Reform Institute has been intimately involved in the preparation of material for review and adoption by the Uniform Law Conference of Canada.
The Canadian Circumpolar Institute (CCI) services the University of Alberta as its centre for research on the northern regions of Canada and other circumpolar nations. The CCI sponsors research, supports conferences, encourages exchanges of research associates, directs a publications program, and advises on policy regarding the University's Canadian Circumpolar Library.

Research is the focus of the Institute's activities. Under the direction of the CCI, annual "seed money" grants, in support of short-term circumcopolitan and northern research projects, are awarded. To support approved projects there are two separate programs available to graduate students and to academic staff (see Graduate Financial Aid section). Longer-term and larger-scale research programs, as well as a variety of grant-funded and contract research, also operate under the aegis of the CCI. The Institute provides services as a facilitator for northern research at the University of Alberta and can act as a secretariat for programs of interest that fall within its mandate.

The CCI is served by a multidisciplinary library, located on the fourth floor of Cameron Library. Its 250,000 item collection features concentrations of materials in all disciplines relative to Canada north of 60, Alaska, Greenland, and Canadian Native peoples, while materials relating to other circumpolar and cold regions are acquired selectively. The Canadian Circumpolar Library (CCL) subscribes to newspapers and newsletters from communities north of 60, and to a great many periodicals concerning northern regions. The BOREAL Database, a catalogue of CCL's holdings can be searched on the University Library's GATE system. CCL is responsible for the KWIC Index (an important on-line index to newspaper and newsletter articles). The holdings, can also be searched on the Arctic and Antarctic Regions NISC CD-ROM. The Library also produces other computerized indexes to particular components of the collection, and develops many research tools. Search and dissemination of information (SDL), bibliographic references, and other specialized services.

The publications program of the CCI comprises three peer-reviewed series, the Occasional Publications Series publishes selected conference proceedings, collections of papers, and monographs resulting from scholarly research; the Circumpolar Research Series features monographs focusing primarily, but not exclusively, on interdisciplinary scholarly research in international circumcopolitan studies; and the Northern Reference Series accepts annotated bibliographies, literature reviews, and other reference tools.

The CCI hosts seminars, conferences, and workshops that address issues of relevance to the north and northerners. Beyond the University, the CCI establishes liaisons with other institutes through the exchange of researchers, exchanges of its publications, participation in the Northern Libraries Colloquy, and prominent involvement of its affiliated researchers at national and international conferences. From time to time, formal exchange agreements are struck between the CCI and other institutes of northern and circumcopolitan research. Regular newsletters inform readers on and off campus of current and future activities relevant to the Institute's area of interest.

Within the University, the CCI cooperates with all faculties offering courses or conducting research on northern studies. The University of Alberta Northern Research Committee (UANRC) – made up of the on-campus members of CCI's Advisory Board – includes representation from various University Faculties. The UANRC works in cooperation with the Institute's Director to initiate policy. Further, it advises the Office of the Vice-President (Research) and informs the general University community on northern and circumcopolitan issues and matters.

The administrative and research offices of the CCI are located in Old St Stephen's College. Enquiries regarding the work of the Institute should be addressed to the Director; information concerning the Canadian Circumpolar Library, including its reference services, can be obtained from the CCI Librarian, at Cameron Library.

234.5 Canadian Institute of Ukrainian Studies

Director
ZE Kohut, PhD

Associate Director
DH Struk, PhD

Academic Staff
D Bednarsky, MA
AJ Horrjakivych, PhD
J Jacuta, BA (Hon), LLB
B Klid, PhD
DR Marples, PhD
M Petroshyn, M SocSc, LLB
S Plochy, PhD
F Skwyrpa, PhD
FE Suryn, PhD
M Yurchevych, MA

The Canadian Institute of Ukrainian Studies was established in 1976 with the following objectives: (1) to encourage research and publications in Ukrainian and Ukrainian-Canadian studies; (2) to serve as a resource centre for English-Ukrainian bilingual education; (3) to encourage contacts among scholars and students in Ukrainian and Ukrainian-Canadian studies through seminars and conferences. The Institute offers no courses or degree programs.

CIUS is divided into several units: CIUS Press; Stasiuk Program for the Study of Contemporary Ukraine; Ukrainian Language Education Centre (ULEC); Peter Jacyk Centre for Ukrainian Historical Research; Encyclopedia of Ukraine; and Ukrainian Canadian Program.

CIUS Press has published more than 80 titles to date. The Press also publishes over 50 research reports. The Institute has published a five-volume alphabetical Encyclopedia of Ukraine in association with the Shevchenko Scientific Society at Sarcelles (near Paris) and the Canadian Foundation for Ukrainian Studies. Work on the encyclopedia—periodic updates and an index—is coordinated by the Institute’s publications office located at the University of Toronto. CIUS Press’s English-language works are published at the Toronto office. Ukrainian-language works are published in Ukraine, where a CIUS office is in the process of being established. CIUS also publishes a semi-annual Journal of Ukrainian Studies and an annual newsletter.

The Ukrainian Language Education Centre (ULEC) prepares learning resources for Ukrainian language instruction in the English-Ukrainian bilingual schools, and other similar programs. In cooperation with Alberta Education, it has prepared the pilot versions of NOVA, a set of Ukrainian language arts material for grades one through six. Published sets of NOVA for grades one, two, and three (four components of a projected eight) are available. The Centre encourages research on the problems of English-Ukrainian bilingualism and services the professional needs of teachers. It serves as an international resource base for Ukrainian language educational materials for elementary and secondary schools, maintaining a print and audio-visual library.

The Stasiuk Programme for the Study of Contemporary Ukraine was established in 1990 to provide accurate analyses of events in Ukraine for the public, the scholarly community and the media. A long-term project of the program is the study of Russo-Ukrainian relations from the 17th century to the present. A large collection of unofficial publications from Ukraine that began to appear during the year of “glasnost” is being organized into an archive.

The Ukrainian Canadian Program, an integral component of the Institute since its inception, encourages and conducts research into historical and contemporary issues covering all facets of Ukrainian life in Canada. Its major long-term project is a three-volume synthetic study of the Ukrainian Canadian Experience from 1891 to the present. The Program also promotes the development of young scholars in Ukrainian studies.

The Church Studies Program studies the history of Ukrainian churches in Ukraine and the diaspora, especially in Canada, the role of Ukrainian churches in Ukrainian nation building and state formation, and relations between church and state.

The Institute is also home to the Peter Jacyk Centre for Ukrainian Historical Research (see §234.16).

The Canada-Ukraine Legislative Cooperation Project is to assist Ukrainian legislators and policy-makers in promoting democratic political reforms and a market economy.

The Institute offers research grants to scholars in Ukrainian and Ukrainian-Canadian studies, as well as undergraduate and graduate scholarships. The Institute has wide ranging contacts and exchange agreements with institutions in Ukraine. The Institute also administers post-doctoral and research fellowships offered by the Canadian Foundation for Ukrainian Studies. Other activities include a seminar series during the academic year, and organization of the annual Shevchenko lecture.

The Institute is under the jurisdiction of the Vice-President (Research). Policy is developed by the Director, assisted by the Institute’s research associates and the Advisory Council. Inquiries should be directed to the Director of the Institute.

234.6 Centre for Criminological Research (CCR)

Coordinator
R Silverman
The Centre for Criminological Research was established in January of 1978. Major functions of the CCR include research training of students, conducting research in crime and delinquency, and providing an exchange of information through seminars. A series of discussion papers is also published.

234.7 Centre for Experimental Sociology

Director
WD Pierce, PhD, Sociology (University of Alberta)

Executive Committee
WD Pierce, PhD, Sociology (University of Alberta)
WF Epling, PhD, Psychology (University of Alberta)
J Cameron, PhD, Adult, Career, and Technology (University of Alberta)

Associates
T Beke, PhD, Psychology (Mt Alison)
D Boer, PhD, Psychology (Federal Correction Service)
A Coldway, PhD, Psychology (Concordia College)
A Harrell, PhD, Sociology (University of Alberta)
D Heth, PhD, Psychology (University of Alberta)
R Powell, PhD, Psychology (Grant MacEwan)
M Spath, PhD, Psychology (University of Alberta)

Student Affiliates (Graduate)
T Kwan, MSc Medicine (Calgary)
D Symeuk, PhD, Sociology (University of Alberta)
F Symons, PhD Candidate, Kennedy Center for Education (Vanderbilt University)

The Centre was established in 1976 as a modern research facility that permits experimental analysis of human behavior. Major functions of the Centre include promoting research and publication on human behavior; providing information and discussion about human behavior through a weekly seminar; and, contributing to the intellectual climate of the University through invited presentations by scholars in the fields of sociology, psychology and the biological sciences.

234.8 Centre for Engineering Research

President and CEO
T Nasseri, PhD, PEng

Vice President and CEO, Exploration and Production Technology
WD (Bill) Roggensack, PhD PEng

Manager, Engineering Systems Technology
M Nessim, PhD, PEng

Manager, Structures and Pipelines Technology
TJE Zimmerman, PhD, PEng

Manager, Downhole Technology
CM Matthews, MSc, PEng

Manager, Investigative Engineering Maurice
MW Slack, BSc, PEng

Manager, Technical Services
GA Beaulac

Manager, Finance and Administration
G Nicholson, CMA

Manager, Library and Information Services
K Tolonen

The Centre for Engineering Research is an industrial research consortium established in 1984 by industry, the federal and Alberta governments, and the University of Alberta. C-FER’s research programs are directed toward developing and transferring technologies that will advance the safe and economic discovery, recovery, and transportation of energy resources.

C-FER is a strategic alliance that enables stakeholders to gain timely access to results of near-market research while sharing the risk. Members steer the Centre’s member-funded research program which is designed to respond to their technology and business needs. They also gain leverage from government investment in research and technology infrastructure.

234.9 Centre for Gerontology

Director and Chair of the Board
TBA

Administrative Assistant
L Abraham

The Centre for Gerontology was established in 1983 as a research unit at the University of Alberta, and operates under the auspices of the Coordinating Council of Health Sciences. The Director and a voluntary board of gerontological researchers govern the operation of the Centre.

The overall objective of the Centre is to enhance the understanding of the aged individual and of the dynamics of the aging process, by means of:
1. fostering, conducting and coordinating research on aging;
2. providing and disseminating research findings to researchers, practitioners, policy makers and administrators of services to older people;
3. encouraging the development and implementation of courses and programs in gerontology.

The Centre’s research activities and services include research symposia on selected aspects of aging, a monthly speaker series, and the facilitation of research interest groups.

The Centre’s education activities and services include development of multidisciplinary research projects; a quarterly newsletter; community speaking engagements; participation in media probes of issues in aging; participating in an advisory committee for the Faculty of Extension, Certificate Program in Gerontology, and a student gerontology association.

234.10 Centre for International Business Studies

Director
J Chambers, PhD

The Centre for International Business Studies was established at the University of Alberta’s Faculty of Business in 1989. It is one of nine similar University-based centres in Canada funded through the federal Department of Foreign Affairs and International Trade. Additional support is provided through private sector donations, primarily in the form of income generated by endowments from Imperial Oil Ltd and Eldon D Foote and by an operating grant from the Royal Bank of Canada.

The objectives of the Centre for International Business Studies are to:
1. internationalize the content of the curriculum in the business program;
2. establish linkages with institutions of higher education and research institutes in other countries through student exchanges and visiting scholar programs;
3. communicate with the key sectors of the business community in Alberta;
4. engage in research activities to expand understanding of international business; and
5. disseminate the findings of that research to the managerial community.

234.11 Centre for Studies in Clinical Education

Director
P Hagler, PhD

Executive Committee (Ex officio)
B Bissell, MSc
L McFarlane, MSc
S Wilson, MSc
J Vargo, PhD

Associate Member
J Hancock, BSc

The Centre for Studies in Clinical Education was established in 1989 by the Faculty of Rehabilitation Medicine which includes the Departments of Occupational Therapy, Physical Therapy, and Speech Pathology and Audiology. Objectives are to promote research on the clinical education process, foster continuing education for clinical supervisors in rehabilitation medicine, serve as a clearing house for practicum policies within the faculty, promote positive relationships with the clinical community, maintain student practicum records, and encourage graduate study of the clinical education and clinical supervision processes.

The Centre maintains a database of affiliated institutions and their employees who hold joint clinical teaching appointments. It arranges continuing education experiences for participating clinical supervisors and joint clinical appointment holders in recognition of the important contribution of these clinical professionals to student training. Current research projects relate to selection procedures for the quota programs, supervisor effectiveness, training and supervision of support personnel, and cost-benefit analysis of student training in clinical service facilities.

234.12 Centre for Subatomic Research

Director
JL Pintolf, PhD

Professors Emeriti
WK Dawson
GC Neilson, PhD
The purpose of the Centre for Subatomic Research (CSR) is to pursue fundamental studies of the properties of matter at the subatomic level. Members of the CSR are involved in the field of high energy collider physics, engaged in: electron positron annihilation physics using the OPAL detector at LEP; and, preparing to investigate proton collisions using the ATLAS detector at the LHC, soon to be the world’s highest energy accelerator. Both of these projects are taking place at the European Centre for Research in Particle Physics (CERN), near Geneva, Switzerland.

The CSR is also participating in the experimental program at the 500 million electron volt cyclotron at Vancouver (TRIUMF). This is a collaborative project of the University of Alberta, the University of British Columbia, Simon Fraser University, and the University of Victoria. In addition, staff are involved in collaborative programs using: the AGS accelerator at Brookhaven, USA; the continuous electron beam facility at SAL; and, the HERA facility at DESY, in Hamburg, Germany.

234.13 Developmental Disabilities Centre

**Director**
R Sobsey, EdD

**Editor of Developmental Disabilities Bulletin**
J Goldberg, PhD

The objectives of the Developmental Disabilities Centre are

1. to pursue research of an interdisciplinary nature into the problems of intellectual subnormality;
2. to encourage faculty and graduate students to carry out investigations in the field of developmental disabilities; and
3. to provide facilities for clinical investigation and remediation of the child with learning handicaps from biomedical, educational, and psychological aspects, and to provide interdisciplinary training for students in these areas.

The Centre seeks and receives grants from government agencies and private organizations for research and demonstration projects so as to understand the nature of intellectual subnormality and learning disorders, and to devise methods for their prevention and treatment. A journal, Developmental Disabilities Bulletin, is published twice a year by the Centre.

234.14 Devonian Botanic Garden

**Director**
DH Vitt, PhD (Biological Sciences)

**Associate Director**
M Hickman, PhD (Biological Sciences)

**Associate Professor**
LS Sigler, MSc (Medical Microbiology and Infectious Diseases)

Founded in 1959, the Devonian Botanic Garden consists of 80 acres of landscaped gardens, including labelled collections of native plants, alpines and herbs, and an authentic Japanese Garden. A further 110 acres is devoted to ecological reserves and nature trails.

The central mandate of the Garden is the maintenance and development of living plant material (including fungi) that is of botanical, horticultural, historical, medicinal and/or geographic significance. This collection serves as reference centre for local, national, and international endeavours in the arts and sciences, and fosters public appreciation of the ecological roles, versatility, and utility of the plant kingdom. By reason of its location it has a mandate to focus on, but not be limited to, plants native to the Pacific northwest interior, including the arctic, alpine, boreal, parkland, and grassland biomes. Plant propagation, preservation and conservation, display and organization of the collection, landscaping and site development, systematic and ornamental horticultural research are essential to this mandate. Also, as part of its role in maintaining living organisms, the Garden houses the Microfungus Collection and Herbarium, the second largest collection of fungi in Canada.

The Faculty is a resource for teaching, research, and other scholarly activities by members of the University and of the broader academic and educational community. Public service activities, including consulting and project assistance, identification and depository, and public relations, constitute an important part of the Garden mandate to both the academic community and the public. Active research is carried out in ecology, systematics, and geography of plants.

The Garden is situated on Highway 60, six kilometers north of Devon. It is open to the public from May to October; there is a small admission charge.

234.15 Institute of Geophysics, Meteorology, and Space Physics

**Director**
ME Evans, PhD

**Associate Director**
GE Swaters, PhD

**Academic Staff**
RA Creaser, PhD
J Gray, PhD
KD Hage, PhD (Professor Emeritus)
F Hron, D Nat Sci
B Jones, PhD
FW Jones, PhD
ER Kanasewich (Professor Emeritus)
RW Lutj, PhD
RD Morton, PhD (Professor Emeritus)
E Nyland, PhD
D Rankin, PhD (Professor Emeritus)
ER Reint, PhD (Professor Emeritus)
G Reuter, PhD
SD Riemenschneider, PhD
JS Rogers, PhD
G Rostoker, PhD
W Rozmus, PhD
JC Samson, PhD
DR Schmitt, PhD
MJ Sharp, PhD
J Shaw, PhD
SS Shen, PhD
TJT Spanos, PhD
JD Wilson, PhD

The Institute of Geophysics, Meteorology, and Space Physics (formerly: Institute of Earth and Planetary Physics) was founded in 1970 with the aid of a Negotiated Development Grant from the National Research Council. Its support has since been assumed by the University. The Institute unites geophysicists in the Departments of Physics, Mathematical Sciences and Earth and Atmospheric Sciences for the promotion of research in Geophysics, Meteorology, Space Physics, Climatology and Fluid Dynamics. The scientific members of the Institute include the academic staff listed above, a dozen research associates and about 30 graduate students registered in the three Departments. One or more distinguished visitors are invited each year and, in addition, short term visits by distinguished researchers are arranged.

Research topics in which Institute members are active include seismology, geomagnetism, electromagnetic induction in the Earth, paleomagnetism and rock magnetism, plate tectonics, high pressure studies of the Earth’s interior, time series analysis, mass spectrometry applied to geochronology and to stable isotopes, synoptic-scale and local-scale meteorological studies including studies of atmospheric and oceanic pollution, and space physics especially of the magnetosphere and environment of the Earth-Sun system, climatology and geophysical fluid dynamics, rock physics and exploration, geothermics and geology.

234.16 Peter Jacyk Centre for Ukrainian Historical Research

**Director**
FE Sypyn, PhD

**Associate Director**
S Plokhy, PhD

**Associates**
D Bednarsky, MA
AJ Hornjakkeyev, PhD
ZE Kohut, PhD

**Editors**
U Pasicznyk, MA
M Yurkevich, MA

The Peter Jacyk Centre, established in 1989 at the Canadian Institute of Ukrainian Studies, sponsors research and publishing on Ukrainian history.
The Centre is currently coordinating work on its first major project, the English-language translation of Mykhailo Hrushevsky's ten-volume History of Ukraine-Rus'. This project is intended to make the major synthesis of Ukrainian history from the earliest times to the 17th century available to the wider scholarly community. An English-language monograph series on Ukrainian history has been established. A second series consists of Ukrainian-language translations of historical works.

Several agreements have been concluded with educational and research institutions in Europe, especially in Ukraine. An agreement on joint publications with the Archeographic Institute of the Ukrainian Academy of Sciences in Kiev has resulted in the publication of nine volumes to date. An agreement with the Russian Academy of Science's Institute of Balkan and Slavic Studies and the Ukrainian Academy's Institute of Social Sciences in Lviv has reached to publish sources on Ukrainian history located in Moscow's archives.

The Centre also offers doctoral fellowships and research grants to scholars and sponsors an annual seminar series.

234.17 Population Research Laboratory (PRL)

| Executive Director | J Murphy, MA |
| Research Associates | J Garrell, PhD, Sociology |
|                     | K Gupta, PhD, Economics |
|                     | C Hobart, PhD, Sociology (Professor Emeritus) |
|                     | R Ironside, PhD, Geography |
|                     | G Jarvis, PhD, Sociology |
|                     | L Kennedy, PhD, Sociology |
|                     | L Kosinski, PhD, Geography (Professor Emeritus) |
|                     | H Krahn, PhD, Sociology |
|                     | P Krishnan, PhD, Sociology |
|                     | K Krotki, PhD, Sociology (Professor Emeritus) |
|                     | G Lowe, PhD, Sociology |
|                     | S McDaniel, PhD, Sociology |
|                     | A McKinnon, PhD, Sociology |
|                     | W McVey, PhD, Sociology |
|                     | M Percy, PhD, Economics |
|                     | R Silverman, PhD, Sociology |
|                     | E Snider, PhD, Sociology |
|                     | F Trovato, PhD, Sociology |
| Faculty Service Officer | N Lalu, PhD |
| Research Analyst | D Oisyak, MA |
| Administrator | F Russell, MA |
| Librarian | K Calvert, MLIS |

The Population Research Laboratory (PRL) is a research arm of the Department of Sociology, University of Alberta. Established in 1966, it is the largest and longest-running demographic and social survey research unit in Western Canada. The PRL has four major functions: teaching students within the Sociology programs; serving the research and information needs of Sociology faculty members and graduate students as well as providing similar assistance to other University departments and community groups; undertaking original research in demography and sociological studies; and sponsoring publications and conferences.

As part of its teaching function, the PRL sponsors with Cameron Library Summer Institute on Quantitative Analysis of Social Data. The objectives of the Summer Institute are (1) to teach participants quantitative research methods; (2) to introduce them to applications in data analysis; and (3) to train them in statistical computing techniques. Research projects carried out by PRL staff and research associates cover a wide range of areas: population studies of fertility, mortality, and migration; population projections, and analyses of demographic methods; and social surveys in the areas of quality of life, criminology, labour market dynamics, family processes, housing and public opinion. The PRL has conducted the Edmonton Area Study, a random sample survey of Edmonton adults, annually since 1977. Beginning in 1987, the Alberta Survey has collected data on public opinion across the province.

The PRL’s publication program includes Canadian Studies in Population, a bimonthly journal published jointly with the Canadian Population Society; a bi-annual newsletter “In Summary;” two working paper series (Research Discussion Papers and Alberta/Edmonton Series Reports); and a Survey Highlights series.

234.18 Rehabilitation Research Centre

| Director | S Warren |

Founded in 1989, the Rehabilitation Research Centre (RRC) is sponsored by the University of Alberta’s Faculty of Rehabilitation Medicine, with primary ties to the Departments of Occupational Therapy, Physical Therapy, Speech Pathology and Audiology, and the Associate Dean, Graduate Studies and Research, Faculty of Rehabilitation Medicine. The Centre was established to facilitate rehabilitation research on campus. Staff, with training and experience in research in the rehabilitation disciplines, provide consultation on developing research objectives, study design, and data analysis. The Centre offers workshops on grant writing, writing for publication, and research issues. There are also opportunities for graduate students to undertake independent research studies through the Centre’s facilities.

234.19 Research Institute for Comparative Literature

| Director | MV Dimic, FRSC |
| Associate Director | S Tóthós de Zepetnek, PhD |

The purpose of the Institute is to foster individual and team, interdisciplinary research in Comparative Literature and Culture in collaboration with scholars from the University of Alberta, other Canadian universities, and universities in other countries. Depending on funding, post-graduate and postdoctoral positions are offered by the Institute. The Institute invites visiting scholars and guest speakers yearly. Primary ties of the Institute are the Department of Modern Languages and Comparative Studies and the Faculty of Arts.

Recent and Current Programs

1. The programs of the various Divisions of the Institute: African-Caribbean, Canadian, Early Modern Studies, and East Asian.

2. "Romanticism in European Literatures"—In the series A Comparative History of Literatures in European Languages/Histoire Comp&egrave;re des Littératures de Langues Européennes—in collaboration with the International Comparative Literature Association/Association Internationale de Littérature Comparée (MV Dimic).


4. Support for the publication, editorial work, desktop publishing, and administration of the Canadian Review of Comparative Literature/Revue Canadienne de Littérature Comparée (MV Dimic and Steven Tóthós de Zepetnek in collaboration with scholars at the University of Alberta and at other universities in Canada and abroad). The journal is an internationally renown publication, published quarterly. Graduate students of the Department of Modern Languages and Comparative Studies assigned as editorial assistants to the Office gain experience in the editing, typesetting, marketing, and financial affairs of the journal.

5. Support for the publication of up to six volumes of papers presented at the XIVth Triennial Congress of the International Comparative Literature Association/Association Internationale de Littérature Comparée (University of Alberta, August 1994) (Milan V Dimic and Steven Tóthós de Zepetnek).

6. Liaison for the Committee for Communication and Information, International Comparative Literature Association/Association Internationale de Littérature Comparée (Steven Tóthós de Zepetnek, Chair).

7. Liaison for the International Society for the Empirical Study of Literature (IGEL). (Steven Tóthós de Zepetnek, Past President and Editor, IGELnews).

8. Recent research projects include "Cultural Participation and Reading in Taiwan and in the Taiwanese Community of Canada" (Steven Tóthós de Zepetnek and Yiu-nam Leung, National Tsing Hua University, Hsinchu, Taiwan).

Publications

The Canadian Review of Comparative Literature/Revue Canadienne de Littérature Comparée; six volumes of the project "Towards a History of the Literary Institution in Canada"; The Library of the Canadian Review of Comparative Literature: Bulletin—A Publication of the African Literature Association; IGELnews—Newsletter of the International Society for the Empirical Study of Literature; In the home page of the Institute an International Directory of Comparatists; a Cumulative Bibliography of
Comparative Literature; a Cumulative Bibliography of Works in the Systemic and Empirical Approach to Literature and Culture.

234.20 Surgical-Medical Research Institute

See §101.2.6 of this Calendar.

234.21 Telecommunications Research Laboratories (TRLabs)

TRLabs was incorporated in 1986 by the University of Alberta and is now Canada’s largest not-for-profit telecommunications research consortium based on industry, university, and government collaboration. TRLabs conducts applied research in telecommunications to provide a bridge between basic research conducted at universities and product development conducted by industry. Its research program has five technology thrusts

(1) Networks and Systems Research: survivable SONET and DS-3 network planning and selfhealing protocols; SONET network synchronization and jitter; traffic-adaptive networks; VLSI testing and floor planning algorithms; ATM congestion control; advanced multiplexing; active and variable resolution teleconferencing; new service concepts; and DS-1/DS-3 error-correcting VLSI

(2) Photonics Research: high speed transmission, broadband switching, optoelectronic signal processing, optical backbone, optical sensing, and subcarrier multiplexing, hybrid integration and packaging, semiconductor devices, Er-doped fibre amplifiers and waveguides.

(3) Wireless Research: channel characterization; low-power techniques; combating multipath; high speed, high quality approaches for wireless multi-media, privacy, and security; and location, tracking, navigation, guidance and dynamic allocation and reconfiguration with priority given to indoor applications

(4) Network Access Research: ATM networks for multi-media applications, systems support and performance; copper; fibre and wireless access technologies; and spread spectrum; ISDN; BISDN

(5) Data Networking: network simulation, object-oriented design methodologies, speech, music, image compression, ATM test bed, rapid prototyping.

Networking and collaboration with industry and institutions is a key corporate priority. The list of sponsors includes AGT, AT&T, Bell-Northern Research/NORETEL, Deltatec Enterprises, Develcon Electronics, Harding Instruments, Infomagnetic Technologies, Integrated Messaging, IRIS Systems, ISM, Linnet Geomatics, LSI Logic, Manitoba Telephone System, Mobiltex, NorthwesTel, Pelorus Navigation Systems, Photonic Gauge Systems, QCC Communications, SaskTel, SMART Technologies, TELUS, TCE, Wavecom Electronics, the Universities of Alberta, Calgary, Manitoba, Regina and Saskatchewan; and the Governments of Canada, Alberta, Manitoba, and Saskatchewan. Strategic alliances have been formed with Alberta Microelectronics Centre, Alberta Technology Network, Canadian Institute for Telecommunications Research, Communications Research Centre, Electronics Industry Association of Alberta, Software Technology Centre, and Telecommunications Research Institute of Ontario.

As an accredited affiliate of a number of universities in western Canada, TRLabs provides student training at the graduate level. Its output of people and technology contributes to the growth of its industry, university and government sponsors, in business research, education, and economic development. TRLabs currently operates research laboratories in Edmonton, Calgary, Regina, Winnipeg, and Saskatoon. The staff at TRLabs is a mix of professors and students from affiliated universities; attached scientific staff from its industrial sponsors; and TRLabs scientific, management, and support staff. TRLabs research teams involve personnel from all these sources.

TRLabs awards program offers fellowships and scholarships to qualified students to pursue research at TRLabs through one of its affiliated universities. The awards are linked to supervision by professors having a research relationship with TRLabs. A TRLabs graduate student is eligible for either the TRLabs Graduate Student Fellowship, a supplementary award granted to students holding a major award, or the TRLabs Graduate Student Scholarship. In addition, TRLabs recruits undergraduate/cooperative education students to work as research assistants for four or eight month terms at competitive compensation. Information on TRLabs research program and awards may be obtained by contacting TRLabs, an affiliated professor, or the Graduate Studies Office.

234.22 Theoretical Physics Institute

The Theoretical Physics Institute was established in 1960 to promote research in theoretical physics. The active membership is comprised of the University staff actively engaged in research in theoretical physics. Their research interests range over astrophysics, statistical physics, many-body theory, general relativity, elementary particles, nuclear physics, non-linear fields, properties of metals and semi-conductors, quantum field theory, quantum liquids and solids, chemical physics, condensed matter physics, and plasma physics.

There are also normally about a dozen postdoctoral fellows and research associates carrying out research under the direction of the permanent members. In addition, the Institute offers special visiting fellowships for periods of one month to one year to visiting physicists of distinction. A support staff of one secretary and one computer programming analyst provides technical assistance.

234.23 Water Resources Centre

The Water Resources Centre fosters basic and applied water resources research at the University of Alberta by securing exchange and cooperation among researchers in water resources from different scientific disciplines, by encouraging response of the University to public needs concerning water, and by maintaining a research capability in water resources. Stimulation of public interest and improved communication in water resources is achieved through conferences, seminars, and other activities.
Western Centre for Economic Research

Director
EJ Chambers, PhD, Department of Marketing and Economic Analysis

The Western Centre for Economic Research is a research unit sponsored by the Departments of Economics, Rural Economy and the Faculty of Business.

The objectives of the Western Centre for Economic Research are:
1. to conduct studies into the effects of economic policies and programs on the Western Canadian economy generally and the four provincial economies in particular;
2. to assess the implications of these programs and policies for the operations of Western Canadian business enterprises;
3. to monitor the performance of the Western Canadian economy and to provide evaluations that contribute positively to business planning;
4. to conduct research into other areas of business and economic interest to Western Canadians; and
5. sponsorship of publications and conferences.

Publication activities are:
1. Western Studies in Economic Policy Series released through the CD Howe Institute,
2. an information bulletin series, and
3. Special reports on Western Canadian problems.

Alumni Association

Alumni Council

Executive Members and Faculty Representatives
M Van Vliet, President
B Anderson
R Beauchamp
J Beckett
E Bentley
J Croucher
M Fairhurst
E Gelfand
J Gill
P Graham
A Jacobson
L Malin
R McCullough
D Park
D Reynolds
C Roy
D Samycia
D Sommehor-Walsh
G Steadman
J Voyer
L Walter
R Young
Ex Officio
N Lyotier
G Poston

Alumni Affairs

Director
SN Peirce, BA

The Alumni Association, formed in 1915, counts among its members over 160,000 graduates world wide and in all walks of life. Upon graduation, without fee, every student automatically becomes a lifetime member. Members in good standing are entitled to benefits including the following:

New Trail
Published three times yearly, New Trail magazine travels to the four corners of the world. It is distributed free of charge to all University of Alberta graduates, however, alumni are encouraged to contribute a voluntary subscription fee. New Trail contains feature articles, alumni and campus news, and campus and class notes.

Recreational Privileges
Alumni user cards for self and family are available at a special rate, for access to all campus recreational facilities.

Reduced Insurance Rates
In cooperation with major insurance companies, the Association offers alumni life, auto, and home insurance at reduced rates.

Affinity Card
University of Alberta Bank of Montreal Mastercard is available to alumni and students. It is a unique method of contributing to the University.

Travel Programs
A combination of education and entertainment, these programs are arranged by the Association to let you expand your horizons – literally!

Library Privileges
Graduates are welcome to use library materials in place. A special borrower’s card is available for alumni at $50 annually.

University Affairs
Your perspective is valuable. As a member, you can involve yourself in University government by being named to various University bodies including the Senate and the Board of Governors.

Distinguished Alumni Awards/Alumni Wall of Recognition
Four awards are given each year to alumni in recognition of distinguished achievements in a profession and/or for significant contributions to society or the welfare of others. Distinguished Alumni Award winners are inducted onto the Alumni Wall of Recognition. The Wall of Recognition, housed in the Student’s Union Building was launched in 1994 to honour and promote the diverse achievements and valuable contributions of University of Alberta Alumni to their chosen professions, to their communities, and to society.

Alumni Branches
These groups of alumni have their own constitution and executive committees and operate under the auspices of the Association. Branch representatives organize social and educational functions for graduates in their area. Branches are located in numerous Canadian cities and in several foreign countries.

Faculty Associations
Constituent Alumni Associations are currently organized for the following Faculties, Departments, and special interest groups: Medicine, Dentistry, Pharmacy, Business, Nursing, Library and Information Studies, Education, Health Services Administration, Forestry, Drama, Native Studies, East Asian Studies, and Mixed Chorus. Administered by the Alumni Association with the cooperation of Faculty/Department staff and graduates, these associations serve to promote the welfare of their specific Faculty/Department or area of special interest.

Class Representatives
Students in their senior year are regularly invited to volunteer for the position of class representative for their department/faculty. Class representatives assist classmates in maintaining contact with one another and the University by organizing reunions and preparing class newsletters. Representatives are the liaison between the class and the Association.

Reunion Weekend
Organized annually by the Association, You’re invited. And if you’re about to celebrate your 10th, 15th, 20th or more anniversary of graduation, we’d be happy to help organize a class reunion. Organizational booklets on the “how to” of planning a reunion are available to class representatives from the Alumni Office.

Newsletter Service
The Association absorbs all costs of mailing one newsletter per year for each class. Class representatives simply send a typed copy to the Alumni Office and we do the rest. If you are organizing a reunion, we’ll send two newsletters that year.

Alumni Scholarships and Awards
The Association sponsors scholarships for future alumni (undergraduate students) and presents special recognition awards to outstanding alumni.

Official Alumni Mementos
In addition to degree and picture frames, the Association offers special edition memorabilia to alumni, such as official University of Alberta watches, pens, and a University Dentistry/Pharmacy lithograph.

Host Family
In conjunction with the University of Alberta’s International Centre, alumni families are invited to share friendships and experiences with foreign students attending university.

Occupation Information Sharing Program
In conjunction with the Career and Placement Services offered on campus, a registry of alumni interested in sharing career information is maintained. Through the registry, students formulating career plans can gain access to valuable insight into the professions they hope to pursue.

Affiliated Colleges

On-Campus Colleges

Two denominationally-sponsored colleges, with buildings located on the campus, are related to the University by a form of agreement described as affiliation, and offer certain courses that may be taken for degree credit by students of the University.
236.1.1 St Joseph’s College
Academic Staff of the College

President
GT Smith, MA, MDiv

Dean
TF Hartnagel, PhD

Philosophy

Associate Professors
JA Buip, MA, PhD
BD Inglis, csb, STB, ARCT, MA, PhD, Coordinator

Teology

Assistant Professors
ML Cranston, end, BSc, BEd, BPh, STL, STD
PJP Flamand, BA, STD
J O’Callaghan, MA, PhD
RB Sheard, MA, BEd, PhD, Coordinator
D Vervoort, ndf, MA

Lecturers
U Duchesneau, omi, MEd, STL
RM Hauge, MEd, MTh, PhD
RM McKeon, BS, MEs, MTh
B Rice, BEd, MRE, MA, PhD
TM Scott, csb, MA, MDiv, SSL
LJ Zünich, BEd, MA, MS, PhD

Assistant to the President for Development
C Panas

Director of Residence
J Thompson, csb, MDiv, MA

General Information

St Joseph’s College was established by the Roman Catholic Church and incorporated by the Legislature of Alberta and affiliated with the University of Alberta in 1926 to provide a Catholic dimension to post-secondary education. In collaboration with the University, the College contributes to liberal education through studying the Buddah-Christian intellectual and religious tradition and applying it to contemporary issues.

Courses Offered for University Credit

For courses taught by St Joseph’s College in Christian Theology see §211 (Course Listings) of this Calendar.

Philosophy

For courses taught by St Joseph’s College in Philosophy see §211 (Course Listings) of this Calendar.

236.1.2 St Stephen’s College
Academic Staff of the College

Principal
C Levan, MA, PhD

Academic Dean
WJ Close, Dr(Toronto)

Teaching Faculty
FA Hare, DMin
K Higgins, MDiv
B Miller, PhD
E Sharam, PhD
J Waters, MSW, MTS

General Information

St Stephen’s College, an undergraduate and graduate theological school of the United Church of Canada, established by Provincial Charter, has been affiliated with the University since 1908 and currently is working on a broadly ecumenical basis, integrating faith and theology with practice and experience.

Courses Offered for University Credit

By an arrangement with the University, courses in Biblical Literature, Christian Theology, and Faith Development taught in St Stephen’s College are open to students of the University for credit towards the Bachelor of Arts degree, or as Arts options open to students in other Faculties. For information about courses offered, see §211, Course Listings.

Non-Credit

The College provides a variety of short-term, non-credit courses of a professional and interdisciplinary nature for professional church workers and laity, and many of these courses are open to members of the University.

Degree Courses

The College offers graduate theological degrees: a professional Doctor of Ministry (DMin), an academic Master’s Degree (MTh), Preparation in Diaconal Ministry (Diploma BTh, MTS), a Master of Theological Studies (MTS) for lay persons, a Master of Arts in Spirituality and Liturgy, and a Master of Arts in Social Transformation Ministry. Enquiries may be directed to the office: 439-7311.

236.2 Off-Campus College

North American Baptist College, Edmonton has a formal affiliation agreement with the University of Alberta, under which certain courses offered by the college will be accepted by the University for transfer credit.

236.3 Public Colleges and Technical Institutes

Formal affiliation agreements do not exist between the University and the public colleges or technical institutes in the Province. However, arrangements are in place which allow for the transfer of students from these postsecondary institutions to the University of Alberta (See §14.2 of this Calendar).

237 Associated Institutions and Agencies

237.1 Northern Health Services Program

See §101.2.3 of this Calendar.

237.2 Alberta Research Council

President and CEO
BL Barge, PhD

Vice-President, Research and Development, Operations
RJ Fessenden, PhD

Vice-President, Marketing
LC Brodner

Chief Financial Officer
K Salmon

Director, People Systems
J Koehler, RN, COHN

Director, Information Systems
WJ Neilson, MSc

Director, Corporate Relations
K Beliveau, BSc

Head, Advanced Computing and Engineering
K Gamble, MSc

Head, Biotechnology
WT Leps, PhD

Acting Head, Manufacturing Technologies
E Bertram, PhD

Vice-President, Development and Planning
MP du Plessis, PhD

Head, Energy Technologies
DM Nguyen, MSc

Head, Forestry
RW Wellwood, MSc

Head, Breakthrough Technologies
EE Isaacs, PhD

Head, Resources Management
SR Moran, PhD

Head, Environmental Technologies
G Bird, PhD

Head, Pulp and Paper
P Harris, PEng, BSc

Head, Special Projects
ED Wallace, PhD

Corporate Profile

The Alberta Research Council (ARC) has one fundamental purpose: to advance the economy of Alberta by promoting technology development and its application in the private sector. Our product is technology and we put it in the hands of business.

The corporation performs applied research and development and provides expert advice and technical information to a diverse range of clients from small start-up firms to large multi-national corporations.

ARC provides a full spectrum of Research and Development services that effectively bridge the gap between basic research and market development. We work closely with industry, universities, and other groups in a variety of arrangements that may include fee-for-service, joint ventures, and consortia.
Today, ARC is widely recognized for its capabilities in these key areas:

**Biotechnology:** carbohydrate research, process engineering, fermentation optimization and scale up, manufacturing including biopharmaceuticals, enzymes, and animal health products.

**Information Technologies:** development and application of interdisciplinary information technology methods, products and services for distributed systems, learning and collaborative systems, spatial information, automation and robotics.

**Manufacturing Technologies:** product and process development in industrial chemicals, conventional and advanced materials, industrial engineering and design, rapid prototyping.

**Natural Resources:** engineered wood products, pulp and paper technology, products and process improvement for energy-related industries, monitoring and remediation services and processes for environmental industry, and energy breakthrough technologies for recovery and upgrading heavy oil and bitumen.

The Research Council is a member of the Association of Provincial Research Organizations (APRO).

There are two corporate offices – in Edmonton and Calgary. The main laboratories are located in the Edmonton Research Park, 250 Karl Clark Road, Edmonton. Other offices and/or laboratories in Clover Bar and Devon. Further information is available by calling the Technology Line, tel 450-5000 or the general information line, tel 450-5111. The mailing address is PO Box 8330, Edmonton, Alberta T6H 5X2 (FAX: 461-2651).

### 237.3 The University of Alberta Hospitals

University Hospitals Board

- HB Martin, QC (Chair)
- GC Shelley, (Vice Chair)
- MJ Cameron, BSc
- JG Greenough
- DG Hancock, LLB
- RD Fraser, BA, MA, PhD, (President of the University)
- HL Morrison, BSc
- B Sproule, MD FRCP(C)
- L Tyrrell, MD, PhD (Dean, Faculty of Medicine)
- H Whitaker, RN
- HG Young, MSc

President and Secretary, University Hospitals Board, University of Alberta Hospitals

DP Schurman, BCom, MHSA

The University of Alberta Hospital was founded in 1906 as the Strathcona Hospital. The University Hospitals Board administers the Walter C Mackenzie Health Sciences Centre, the Aberhart Centre, the Outpatient Residence, the Educational Development Centre and the Patient Support Centre located in Millwoods. The President of the University and the Dean of the Faculty of Medicine are statutory members of this corporate board. The University of Alberta Hospitals has approximately 1000 in-patient beds and many ambulatory care programs, including a 125-bed out-patient residence. Students in the Faculties of Medicine, Dentistry, Nursing, Pharmacy and other health sciences faculties receive instruction there.

### 237.4 The Western Board of Music

The Western Board of Music was founded in 1935 in order to conduct examinations of a high standard in music. Associated with the Board are universities in Alberta, Manitoba, and Saskatchewan. The central office is at the University of Alberta and is funded by revenue derived from examination fees. The Board awards the diplomas of Associate in Music (AMus) and Licentiate in Music (LMus) in its examinations. Theoretical and practical examinations are held in January, February, May, June, and August of each year. Further details, including information about prizes and awards, are found in the official announcements of the Board, obtainable by writing to The Western Board of Music, the University of Alberta.