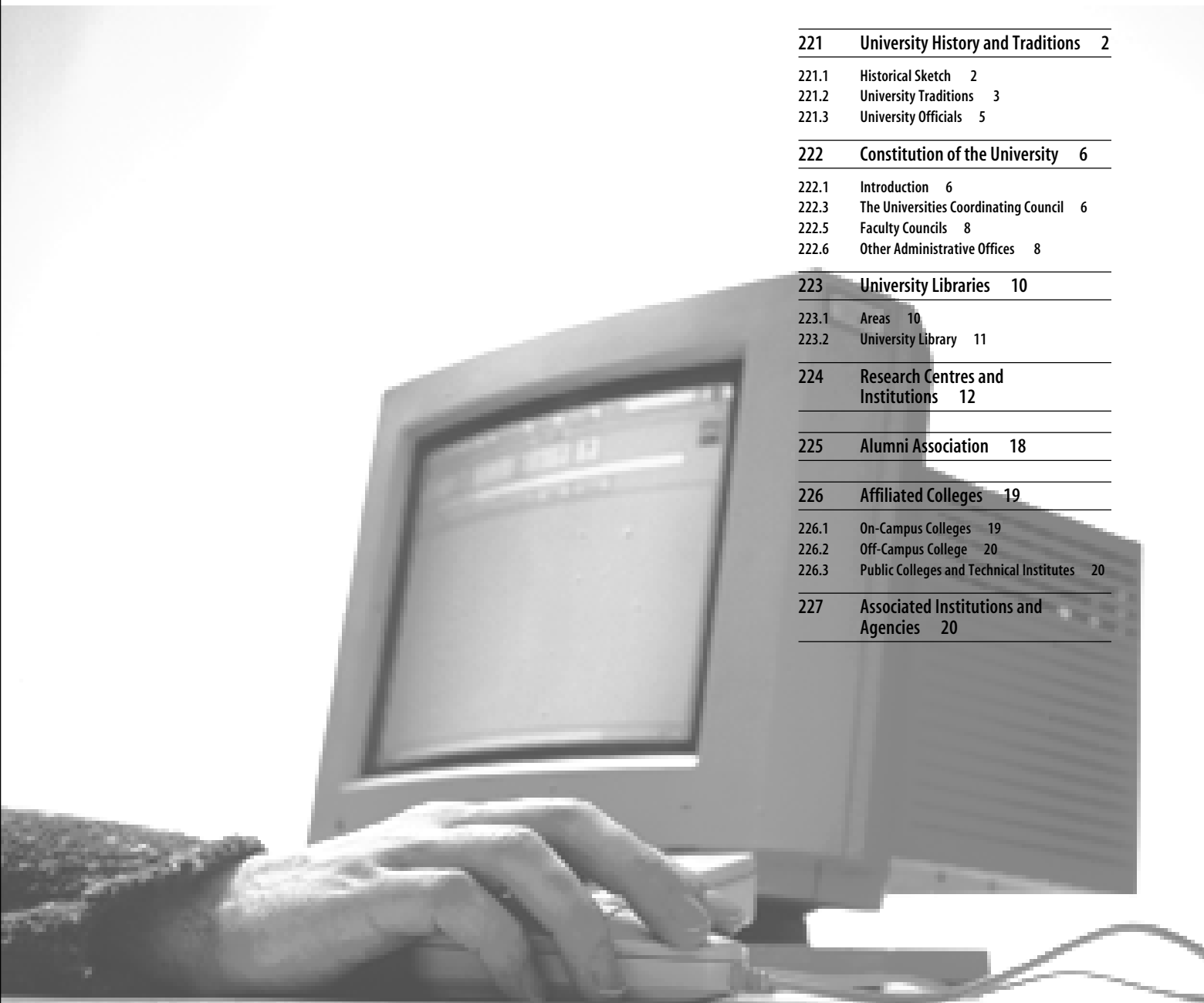


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## 221 University History and Traditions

### 221.1 Historical Sketch

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 away as Fort Assiniboine. A considerable area is held under rental agreements, including the Ellerslie 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.

#### 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 Act constituted the Board of Governors, with powers of business management and administration.

Classes opened in September 1908, in what is now Queen Alexandra School with forty-five students and a faculty of five: WH Alexander, Classics; EK Broadus, English; WM Edwards, Mathematics; LH Alexander, Modern Languages; and Dr Tory himself. Thence they moved to the upper floor of Strathcona Collegiate Institute and then in 1911 to Athabasca Hall. Athabasca not only served as residence for staff and students, but also accommodated classrooms, laboratories, the library, the gymnasium, and the administrative offices. The members of the first graduating class received their degrees at the Convocation of 1912, with Mr Justice CA Stuart presiding as Chancellor.

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.

#### 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.

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; 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 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.

Robert Newton was named President on WAR Kerr's retirement in 1941. He played an important part in the framing of the University Act of 1942, which transferred from the Senate to the General Faculty Council jurisdiction over academic matters and vested all final authority in the Board of Governors, whose jurisdiction had previously been confined to finance.

#### 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. By 1947 student numbers had tripled from

pre-war figures, but 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 Rutherford 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 Physical 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 a Universities' Commission, which has since disbanded.

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 1966. 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.

### 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; Myer Horowitz from 1979 to 1989; and Paul Davenport from 1989 to 1994. Roderick Fraser took office at the beginning of 1995. During these years new problems arose, as a levelling of student numbers and worldwide inflation made the University's projected budgets less adequate than had been expected.

In the 1980s a gradual increase of student numbers resumed, reaching almost 25,000 full-time and more than 4,000 part-time students in 1986-87. Buildings already begun were completed one by one: the Biological Sciences Centre and the Central Academic Building in 1970, the Law Centre in 1971, and the Basic Medical Sciences Complex and the Engineering Centre, Phase II, in 1972. In 1972, also, the first residents moved into the Housing Union Building, designed and financed on the initiative of the Students' Union. Since then, the Humanities Centre, the Fine Arts Building, one phase of a projected expansion of the Rutherford Library, and additions to the Chemistry Building and Education Building have successively come into use. In 1978, following several years of moratorium on construction, ground was broken for a new Agriculture and Forestry Building; it was completed and opened in October 1981. Part of the Walter C Mackenzie Health Sciences Centre was opened in 1982, and a new building for the Faculty of Business was completed in 1984.

A growing awareness of the value, both architectural and practical, of the University's older buildings led to a decision to renovate, rather than demolish, Pembina Hall. Pembina's transformation into a fully modern graduate student residence was so successful that it earned national recognition in the form of a Heritage Canada Award. Athabasca Hall underwent an even more drastic transformation, as its wooden construction needed to be completely replaced with modern materials; the renovated building was reopened in the autumn of 1977 and received a Heritage Canada Award in its turn. A similar rebuilding of Assiniboia Hall was completed in 1982. Convocation Hall was also renovated, and a new organ 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, providing 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 fulfilment 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.

## 221.2 University Traditions

### 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 pudica, quaecumque justa, quaecumque sancta, quaecumque amabilia, 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.*

### 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 1994 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:** *Quaecumque vera.*

The arms are copyrighted and may not be used without permission of the Board of Governors. The name of the University is similarly protected.

## 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.

## The University Flag

The Flag of the University consists 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.

## Academic Costume

All undergraduate and master's degree gowns are the customary Cambridge shape, i.e. 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 trencher shape with black tassels, which are worn forward and to the left.

### Undergraduate Degrees

Agriculture, Forestry and Home Economics	Grass Green	Native Studies	White
Arts	White	Nursing	Crimson/White
Business	Silver Grey	Pharmacy and Pharmaceutical Sciences	Cinnamon
Education	Royal Blue	Physical Education and Recreation	Royal Blue/Gold
Engineering	Light Green	Rehabilitation Medicine	Salmon Pink
Law	Scarlet	Faculté Saint-Jean	Lavender
Medicine and Oral Health Sciences		Science	Gold
Dentistry	Maroon		
Medicine	Crimson		

### Master's Degrees

<b>Agriculture</b>	Grass Green	• Clothing and Textiles	Grass Green
<b>Arts in</b>		• Computing Science	Gold
• Anthropology	White	• Dentistry	Maroon
• Art and Design	White	• Electrical Engineering	Light Green
• Classics	White	• Entomology	Gold
• Clothing and Textiles	Grass Green	• Family Studies	Grass Green
• Comparative Literature	White	• Food Science	Grass Green
• Drama	White	• Foods and Nutrition	Grass Green
• Economics	White	• Forest Science	Grass Green
• English	White	• Genetics	Gold
• Geography	White	• Geography	Gold
• Germanic Languages	White	• Geology	Gold
• History	White	• Geophysics	Gold
• Philosophy	White	• Human Ecology	Grass Green
• Physical Education and Sport Studies	Royal Blue/Gold	• Immunology	Crimson
• Political Science	White	• Linguistics	White
• Psychology	White	• Mathematics	Gold
• Recreation and Leisure Studies	Royal Blue/Gold	• Mechanical Engineering	Light Green
• Romance Languages	White	• Medical Microbiology and Infectious Diseases	Crimson
• Slavic and East European Studies	White	• Medicine	Crimson
• Sociology	White	• Meteorology	Gold
<b>Business Administration</b>	Silver Grey	• Microbiology	Gold
<b>Design</b>	White	• Mining, Metallurgical, and Petroleum Engineering	Light Green
<b>Education</b>	Royal Blue	• Occupational Therapy	Salmon Pink
<b>Engineering</b>	Light Green	• Paediatrics	Crimson
<b>Fine Arts</b>	White	• Pathology	Crimson
<b>Forestry</b>	Grass Green	• Pharmacology	Crimson
<b>Health Services Administration</b>	Crimson	• Pharmacy and Pharmaceutical Sciences	Cinnamon
<b>Laws</b>	Scarlet	• Physical Education and Sport Studies	Royal Blue/Gold
<b>Library and Information Studies</b>	Lemon Yellow	• Physical Therapy	Salmon Pink
<b>Music</b>	White	• Physics	Gold
<b>Nursing</b>	Crimson/White	• Physiology	Crimson
<b>Pharmacy</b>	Cinnamon	• Plant Science	Grass Green
<b>Public Health</b>	Crimson	• Psychiatry	Crimson
<b>Science in</b>		• Psychology	Gold
• Agricultural Engineering	Grass Green	• Radiology and Diagnostic Imaging	Crimson
• Anatomy and Cell Biology	Crimson	• Rural Economy	Grass Green
• Animal Science	Grass Green	• Soil Science	Grass Green
• Applied Sciences in Medicine	Crimson	• Speech Pathology and Audiology	Salmon Pink
• Biochemistry	Gold	• Statistics and Applied Probability	Gold
• Biology	Gold	• Surgery	Crimson
• Botany	Gold	• Zoology	Gold
• Chemical Engineering	Light Green	<b>Speech Language Pathology</b>	Salmon Pink
• Chemistry	Gold		
• Civil Engineering	Light Green		

### 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 trencher 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.

## 221.3 University Officials

### 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 - 1969 Walter H Johns  
 1969 - 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 Laurence 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 Mactaggart  
 1994 - 1998 Louis D Hyndman  
 1998 - Lois E Hole

### 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 Robert K Colter  
 1916 - 1917 Katherine I McCrimmon  
 1917 - 1918 JH Olgilvie  
 1918 - 1919 PF Morecombe  
 1919 - 1920 C Reilly  
 1920 - 1921 AD McGillivray  
 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 Lloyd 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 Chappel  
 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 Schepanovich  
 1967 - 1968 Al W Anderson  
 1968 - 1969 Marilyn Pilkington  
 1969 - 1970 David T Leadbeater  
 1970 - 1971 Timothy J Christian  
 1971 - 1972 Donald G McKenzie  
 1972 - 1973 Gerald A Riskin  
 1973 - 1974 George W Mantor  
 1974 - 1975 Joseph G McGhie  
 1975 - 1976 Graeme Leadbeater  
 1976 - 1977 Leonard J Zoetman  
 1977 - 1978 EJ (Jay) Spark  
 1978 - 1979 Cheryl A Hume  
 1979 - 1980 Dean L Olmstead  
 1980 - 1981 Nolan D Astley  
 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 Oginiski  
 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 - 1997 Garrett Poston  
 1997 - 1998 Stephen Curran  
 1998 - Sheamus Murphy

### Presidents of the Graduate Students' Association

1964 - 1965 WT Painter  
 1965 - 1966 Dave Grudon  
 1966 - 1967 Peter Boothroyd  
 1967 - 1968 John Towler  
 1968 - 1969 Richard Watson  
 1969 - 1969 Bob Newall  
 1969 - 1970 Bob Newall  
 1970 - 1971 Orman Granger  
 1971 - 1972 John Hoddinott  
 1972 - 1973 Mohammed Adam  
 1973 - 1974 Peter Flynn  
 1974 - 1975 Susan Therrin  
 1975 - 1976 Jack Girton  
 1976 - 1977 John Cherwonogrodzky  
 1977 - 1978 Jim Talbot  
 1978 - 1979 Barry Mills  
 1979 - 1980 George McCourt/Myron Olekiw  
 1980 - 1981 Paul Fisher  
 1981 - 1982 Patricia Whiteley/Niall Shanks  
 1982 - 1983 Bob Ascah  
 1983 - 1984 Richard Jehn  
 1984 - 1985 Gary Genosko  
 1985 - 1986 Kevin Giles  
 1986 - 1987 Annette Richardson  
 1987 - 1988 Florence Gianfield  
 1988 - 1989 Dwayne Barber  
 1989 - 1990 Ken Ross  
 1990 - 1991 Stephen Downs  
 1991 - 1992 Stephen Downs  
 1992 - 1993 Steven Karp  
 1993 - 1994 Frank Coughlan  
 1994 - 1995 Kimberley Krushell  
 1995 - 1996 Jay Krushell  
 1996 - 1997 Gordon Squirell  
 1997 - 1998 Peter Cahill  
 1998 - Kimberly Speers

## 222 Constitution of the University

### 222.1 Introduction

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

#### 222.2 Reserved

### 222.3 The Universities Coordinating Council

#### 222.3.1 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.

#### 222.4 Reserved

### The Chancellor

**Chancellor of the University**  
LE Hole

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.

### 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.

### The Vice-Presidents

**Vice-President (Academic) and Provost**  
DR Owram, PhD

The Vice-President (Academic) and Provost 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

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

### The Board of Governors

Chair, EP Newell  
Vice-Chair, LE Malin

#### Members

##### Statutory Members

LE Hole, Chancellor of the University  
RD Fraser, BA, MA, PhD, President of the University

##### Alumni Representatives

P Graham, BComm  
LE Malin, BA, LLB, QC

##### Senate Representative to the Board

S Green, BA

##### Academic Staff Representatives

W Allegretto, BAsc (Electrical Engineering), PhD  
F Pasutto, BSc (Pharmacy), PhD

##### Non-Academic Representative

A Moore

##### Student Representatives

K Speers, BA, MA  
S Murphy  
L Church

##### Public Representatives

F Barth, CA, FCA  
DR Foy, BA, BComm  
O Lennie, BA  
J Mah, BA, LLB, QC  
D Mazankowski, LLD (Rt Hon), P.C., DEng.  
O Minsos, BSc, MBA, LLB, QC  
EP Newell, BSc, MSc, LLD, PEng, FCAE  
C Roozen, BComm  
J Stanford, BSc

### 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 it 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.

### The Senate

#### Ex officio Members

**Chancellor of the University**  
LE Hole

**President of the University**  
RD Fraser

**Vice-President (Academic)**  
DR Owram

**Dean of Students**  
W Connor

**Dean, Faculty of Extension**

R Garrison

**President of the Alumni Association**

R Young

**Vice-President of the Alumni Association**

D Graham

**Appointed Members****Appointed by Deans' Council**

L Beauchamp

A Quinney

**Appointed by the Board of Governors**

Vacancy

F Pasutto

**Appointed by General Faculties Council**

S Arntzen

M Haughey

T Keating

**Appointed by the Alumni Association**

D Park

L Walter

**Appointed by the Minister of Advanced Education**

A Barrette

J Batty

J Cosco

J DoBush

A Koshal

R Saunder

S Schmold

D Sieben

G Tagg

**Appointed by Students' Union**

B McRae

J Tennison

S Wagner

Vacancy

**Appointed by the Graduate Students' Association**

K Speers

**Non-Academic Staff appointed by the Minister of Advanced Education**

T Churchill

P Mash

**Elected Members**

J Agrios

S Ahmad

G Andres

D Bellow

S Blade

D Carter

P Denis

W Erasmus

R Fong

E Goodall

S Green

G Harris

R Harris

S Hickey

S Jetha

E Johnson

D Karpeluk

Y Lemay

D Lorieau

S Machura

S Murray

A Nawata

I Nicolson

G Ouellet

G Porteous

C Prentice

D Redgate

M Skelley

S Stiles

E Sylvester

**Executive Officer**

SL Kereliuk, BPE, MA

The Chancellor of the University is Chair of the Senate, which has 62 members, 30 of whom are elected from the general public, and nine appointed from the public by the Minister of Advanced Education.

It is the mandate of the Senate to inquire into any matter that might tend to enhance the usefulness of the University. It is specifically authorized to interpret the University to the public, to require reports from faculty councils, the Students' Council, and any members of the academic staff; to receive and consider submissions from anyone interested in the University; to arrange for public meetings, radio and television programs and other means of providing and acquiring information on the University; as a consequence, to make reports and recommendations to the Board or the General Faculties Council or other appropriate body. In addition, the Senate may authorize the conferring of Honorary Degrees.

The Senate brings together the University and the public. Although it has little formal decision-making power, it seeks to stimulate discussion on issues of concern and to aid in their resolution. It is a two-way link between the public and the University.

**General Faculties Council****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

**Elected Members**

46 members elected by and from the faculty

**Statutory Student Members**

2 Undergraduate students

1 Graduate student

**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 and 2 student representatives on the Board of Governor

2 Sessionals/Other Temporary Appointments

2 Administrative and Professional Officers/Faculty Service Officers

The President of the AASUA

The Director of Special Sessions

The Principal of St Joseph's College

Dean of Students

Appointed Graduate Student Members

Appointed Undergraduate Student Members

**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.

**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.

## 222.5 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.

## 222.6 Other Administrative Offices

### Office of the Vice-President (Academic) and Provost

DR O'ram, PhD, Vice-President (Academic) and Provost  
 BP Dancik, PhD, Associate Vice-President (Academic)  
 AM Decore, PhD, Associate Vice-President (Academic)  
 FW Trehearne, BEd, Associate Vice-President (Academic Administration)  
 BJ Silzer, MEd, Associate Vice-President and Registrar  
 S Jamieson, PhD, Acting Associate Vice-President (International)  
 M Haggarty-France, BA, Executive Assistant  
 K Moodie, BSc, Budget Analyst  
 LA White, Academic Personnel Officer (Academic Administration)

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

G Harris, BSc, MASC, 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)

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

RS Smith, PhD, Vice-President  
 JW Murray, PhD, Senior Associate Vice-President (Partnerships and Innovation)  
 TR Flannigan, PhD, Acting Associate Vice-President (External Affairs)  
 WA McBlain, PhD, Associate Vice-President (Research)  
 PK Robertson, PhD, Associate Vice-President (Research/Industry Relations) and Director, Industry Liaison Office  
 L Elliot, Acting Director, Office of Public Affairs  
 EHG Mallabone, BComm, Director of Development  
 C Mead, MEd, Director, Research Grants Office  
 SN Pierce, BA, Director, Office of Alumni Affairs  
 J Rivait, MA, Director, Government Relations  
 ME Enzle, PhD, Research Coordinator (Human Research Policies)  
 BG Kratochvil, PhD, Senior Advisor  
 KE Moore, PhD, Executive Assistant  
 DH Neil, BVSc, University Veterinarian  
 DC Norwood, MA, Special Assistant

### Computing and Network Services

M Byrne, MSc, Director  
 J Dumont, Manager, Corporate Applications Support  
 I Simpson, Manager, Network Services  
 R Simpson, Manager, Business Systems Development  
 KJ Switzer, Manager, Services Operations  
 G Carmichael, Manager, Client Services  
 B Kazemi, Manager, Administrative Applications Support

### Alumni Affairs

S Peirce, BA, Director  
 C Graham, BSc, MEd, Manager, Alumni Constituencies  
 S Hrycun-Rego, Assistant Branches and Constituencies  
 W Pei, BA, Manager, Alumni Services  
 R Pilger, Communications Coordinator; Editor, *New Trail*  
 R Putman, Receptionist/Secretary, Alumni Services  
 J Reinprecht, Administrative Assistant  
 G Wheatcroft, BEd, Manager, Alumni Branches  
 S Wasson, BCom, Assistant, Special Events  
 Vacant, Manager, Alumni Special Events

### Budget and Statistics

WD Cairns, MSc, Director  
 DM Quigg, MA, Budget Planning Analyst  
 C Vasquez, BSc, Budget Coordinator

### Campus Security Services

BK McLeod, Director  
 S MacGregor, Administrative Assistant  
 J Newman, LAN Coordinator  
 R Stallknecht, Operations Manager

### Financial Services

M Coutts, BCom, CA, Director  
 R Ritter, BCom, CA, Treasurer and Risk Manager  
 M Pearce, CMA, Accountant – General Accounting Section  
 J Groleau, BBA, CMA, APO, Staff Accountant  
 L Howell, CA, Chief Accountant  
 B McLean, BA, Coordinator, Fees and Accounts Receivable  
 P Poon, BCom, Administrative Officer – Treasury  
 Vacant, Manager, Special Funds and Research Accounting  
 G Sledz, BEd, APO, Special Funds and Research Accounting  
 E Wood, BEd, APO, Special Funds and Research Accounting

### Health Knowledge Network (HKN)

D Jacobson, BA, MLIS, Marketing and Account Manager

### Housing and Food Services

D Bruch, BA, Director  
 D Dawson, Associate Director, Support Services  
 D Utgoff, Associate Director, Housing and Residence Life  
 W Saunders, Office Manager

### Human Resource Services

W Wetterberg, BA, Associate Vice-President (Human Resource Services)  
 M McLennan, BScN, MEd, CHE, Coordinator, Workplace Wellness

### Administrative Services and Information Systems

B O'Dwyer, Manager

### Campus Security Services

BK McLeod, BA, Director  
 S MacGregor, Administrative Assistant  
 J Newman, LAN Coordinator  
 R Stallknecht, Operations Manager

### Employee Programs

M McCune, Director  
 L Bowering, Coordinator, Pension Management  
 M Goroniuk, Manager, Health Recovery Support  
 I Skafte, BM, BA, PM, Manager, Payroll Operations  
 D Topolnicki, Manager, Benefits and Client Services

### Employee Relations and Employment Services

B Anderson, BComm, AM, CHRP, Director  
 C Caskey, CHRP, Senior Advisor, Recruitment and Selection  
 H King, BComm, CCP, Senior Advisor, Job Evaluation and Compensation  
 G Schmalz, BA, LLB, Senior Advisor, Employee Relations

### Environmental Health and Safety

R Richards, Fire Protection Officer  
 J Selgie, RN, COHN-C, Occupational Health Nurse  
 C Schumaker, BSc, Radiation Protection Officer  
 G Weir, BSc, MSc, General Safety Officer  
 K Yu, PhD, Biosafety Officer

### Human Rights

A Daniel, BA, BLS, Cert Mediation, Advisor, Human Rights/Equity  
 CA Pachnowski, BA, LLB, Employment Equity Advisor  
 JR Smith, BA, Senior Advisor, Human Rights

### Individual and Organizational Effectiveness

S Leonard, HROEP, Advisor, Organization Effectiveness  
 L Burnett-Murphy, MEd, BEd, Advisor, Learning Initiatives  
 J Toulouse, HROEP, Consultant, Organization Effectiveness

### Industry Liaison Office

K Adachi, PhD, Technology Manager  
 B Albrecht, Contracts Manager  
 A Bayley, Technology Assistant  
 S Campbell, Patent Searches  
 S Coss, Contracts and NCE Manager  
 K Colton, Contracts Assistant



J Duncan, BA, Information Officer  
 DS Gill, BSc, Technology Manager and Communications Manager - NCEs  
 H Good, BSc, Technology Officer  
 DB Gratz, MEDES, Prototype Development Manager  
 R Harrison, PhD, Manager, Government and Institutional Partnerships  
 J Herst, Prototype Development Assistant  
 W Lam, PhD, Technology Manager  
 L Leung, Systems Analyst  
 JW Murray, PhD, Associate Vice-President (Research/Industry Relations) and Director  
 DC Norwood, MA, Communications Manager  
 AB Oreski, BSc, MBA, Associate Manager, Biomedical Technology Transfer  
 EP Rowan, BA, BAS (Comm), Communications Officer  
 B Service, IP and Legal Administrative Assistant  
 G Tertzakian, PhD, Senior Advisor  
 L Woollard, BSc (Pharm), LLB, Intellectual Property and Legal Manager

## Internal Audit Department

AL Pedden, BCom, CMA, Director  
 MC Lai, BCom, CMA, Internal Auditor  
 S Poon, Internal Audit Assistant  
 S Gasson, BBA, CA, Internal Auditor  
 RJ Lindberg, CA, Internal Auditor

## Learning Systems Enterprises/University Information Enterprises

J Andrews, MSc, Executive Director  
 C Johansson, Administrative Assistant  
 S Mahovsky, BA, Secretary  
 D La France, Systems Administrator  
 P Kenney, Marketing Assistant

## Museums and Collections Services

J Andrews, MSc, Director

### Communication Program

F Blondheim, BFA, Manager  
 L Barty, BA, BEd, Education Coordinator  
 B Hildebrandt, MVA, Designer

### Collections Program

L Latta-Guthrie, BA, MLS, Manager  
 J Whittome, BA, Information Management Advisor

### University of Alberta and Artifact Collection

J Corrigan, MVA, Curator  
 T Hutter, Collections Assistant

## NEOS (A Library Consortium)

P Rennick, BEd, MLIS, Manager

## ONEcard Office

J Younk, B Mgt, Manager  
 J Ujvarosy, Administrative Assistant  
 N Delaney, BA, Customer Service Clerk

## Physical Plant

GA Bulat, PEng, BSc, Director  
 A da Silva, PEng, BASc, Associate Director, Utilities  
 J Goebel, Operations Manager, Electrical Utility Services  
 E Dux, Manager, Vehicle Pool  
 R Kjenner, Manager, Utility Services (Heating and Distribution)  
 WS McCutcheon, NPD, Manager, Grounds  
 M Miller, Manager, Building Services  
 KR Moodie, PEng, BASc, Associate Director, Building Operations  
 T Nonay, PEng, BSc, Manager, Utilities Engineering Services  
 R Richards, Fire Protection Officer, Fire Safety  
 R Savard, Acting Manager, Building Trades  
 L Sereda, PEng, BASc, Systems Engineering Manager, Energy Management  
 GF Wiens, PEng, BSc, Superintendent, Grounds and Transportation  
 T Moore, Director, Administrative Support Services  
 D Pretzlaff, Director, Construction Project Management Services

## Planning and Development

JA Dykes, BArch, AAA, MRAIC, Director  
 GT Ballash, BSc, PEng, Senior Project Engineer  
 TN Brockelsby, BES, Planning Officer  
 EM Dechert, BES, BArch, AAA, FRAIC, Senior Planning Officer  
 WA Hansen, BSc, BEd, Space Planning Officer  
 AW Palmer, BArch, MRAIC, Senior Development Officer

E Sumbar, BSc, PhD, PEng, Computer Facilities Manager  
 DJ Voigt, BA, BArch, AAA, Project Officer

## Public Affairs

Lee Elliott, BEd, Acting Director and Managing Editor, *Folio*  
 L Ciccocioppo, BA, Communications Manager  
 C Doucette, Advertising, *Folio*  
 C Floden, BA, Communications Manager  
 J Goldsand, BA, Communications Manager, Community Relations  
 S Halme, BA, Communications Manager, Media Relations  
 T Heisler, Communications Manager  
 R Armstrong, Communications Manager, Special Projects  
 R Pavelich, University Webmaster  
 G McMaster, Communications Manager, Development and Assistant Editor, *Folio*  
 B Briggs, Department Secretary

## Real Estate Services

A Mah, BComm, CPM®, Director  
 T Powell, Executive Assistant  
 ML Hamblin, CPM®, Operations Manager  
 D Ward, CPM®, Property Management Officer  
 K Campbell, BEd, Operations Manager (Parking)

## Office of the Registrar

BJ Silzer, BSc, BEd, MEd, Registrar  
 CP Byrne, MBA, Associate Registrar (Director of Admissions)  
 PSM Pearlstone, BSc, MSc, Associate Registrar (Director of Records)  
 M Beharry, BSc, Assistant Registrar (OASIS)  
 R Chilibeck, BEd, Director of Student Awards  
 F DeCoteau, BA, Assistant Registrar/OASIS User Acceptance Testing  
 S Gibson, BSc, Assistant Registrar/Administrative Services  
 SE Main, BA, Assistant Registrar/Liaison and Recruitment  
 LM Pashniak, BA (Special), Assistant Registrar/Communications  
 A Schmude, BA, Assistant Registrar/Examinations and Timetabling  
 DVE Sheikh, BA, Assistant Registrar/Records Production  
 LM Taylor, BA, Assistant Registrar/Admissions Production

## Research Grants Office

CM Mead, MEd, Director  
 SK Baker, Administrative Officer  
 LL Brulotte, BA, Senior Grants Advisor  
 L Leung, Systems Analyst  
 EA MacKenzie, Senior Grants Administrator  
 S Ozar, BSc, MLIS, Programs Officer  
 T Mills, BA, Manager, Research Grants Support Programs  
 WC Lam, BSc, Database/Internet Programmer

## Supply Management Services

MM Craige, CPP, Director  
 BJ Stewart, CPP, Associate Director, Supply Operations  
 JR Brookwell, Associate Director, Distribution Operations

## University of Alberta International

S Jamieson, Associate Vice-President (International)  
 S Bandali, Communications Officer  
 M Young, Finance Manager

### International Centre

B Caldwell, Director  
 K Achaibar-Morrison, Foreign Student Programs Officer  
 S Bandali, Communications Officer  
 G Fruhbrot, Exchange Advisor  
 N Hannemann, Global Education Coordinator  
 R Pugh, Information Assistant  
 S Schultz, Office Manager  
 B Tonge, Education Abroad Coordinator  
 D Weir, Foreign Student Services and Programs Coordinator

### International Programs

T Mackey, Director  
 L Constantine, Manager  
 N Neumann, Administrator

### International Relations

R McDonald, Director  
 L Clare, International Relations Officer  
 R Mitchell, International Relations Officer  
 S Narine, International Relations Officer  
 M Nelson, International Relations Assistant

## University Student Services

### Dean of Students

HW Connor, PhD

Senior Administrator, Office of the Dean of Students, Career and Placement Services (CaPS), Services for Students with Disabilities, Native Student Services, University Health Centre, Student Financial Aid and Information Centre, Sexual Assault Centre, Academic Support Centre, Student Counselling Services, and the joint Student OmbudService.

### Office of the Dean of Students

HW Connor, PhD, Dean of Students  
W Coffin, Associate Dean of Students  
K Friese, BA, Executive Assistant to the Dean  
PJ Kleiber, Office Manager  
RD Steadward, PhD, Fraternity Advisor

### Career and Placement Services (CaPS)

W Coffin, Director  
A Arca, Financial Records Clerk  
J Barnes, Resource Centre Coordinator  
V Missen, Receptionist

### Career Services

C Castillo, Career Fairs/Forums Coordinator  
J Schiebelbein, Manager, Career Services

### Recruitment Services

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

### Services for Students with Disabilities

T Allan, BEd, Instructor, PSLD  
T Hetman, Admin Educ Interpreter  
M Hyndman, BA, Student Advisor/Coordinator of Volunteer Program  
T Krissie, Secretary/Receptionist  
M Lizotte, MA, Student Advisor/Coordinator of Volunteer Program  
A Sinha, PhD, Counsellor/PSLD (Program for Students with Learning Disabilities)  
T Sheridan, Adaptive Technology Coordinator  
M Vosahlo, BA, Director

### Native Student Services

A Beaver, BA, Director  
N German, Northern Student Services Advisor  
B Jones, MA, Coordinator, Transition Year Program  
L Cardinal, BA, BSc, Communications Officer

### Student OmbudService

N Sharpe, MA

### Student Counselling Services

B Lamb, Office Manager  
H Saslove, PhD, Director  
Receptionist

### Academic Support Centre

D Clyburn, MA, Director and Program Head, Effective Writing Resources  
K Kovach, PhD, Program Head, Study Skills Program

### Sexual Assault Centre

K Fowler, BA, Director

### Student Financial Aid and Information Centre

E Schulz, BA, Director, Emergency Aid Funding  
I Spelliscy, BA, Director, Financial Information  
S Kirsch, Emergency Aid Funding  
S Soder, Emergency Aid Advisor  
J Petersen, BA, Emergency Aid Advisor  
E Schulz, BA, Director, Emergency Aid

### University Health Centre

G McInroy, MB, ChB, DRCOG, Director  
N Cheng, MD, Physician  
A Dayneka, MD, Physician  
RH Drebit, FRCP, Psychiatrist  
JH Hancock, BEd, Peer Health Education Coordinator  
A Russell, MD, Physician  
TB Stelfox, MD, Physician  
WP Thorbourne, BBus Admin, Administrator  
M Wanigaratne, MD, Physician

## Technical Resource Group

JE Ross, BSc, Director  
BR Hestbak, Associate Director, Communications and Marketing  
JB Acheson, Classroom Support Services, Manager  
R Au, Graphic Design and Photography Services, Manager  
NS Carlson, Administrative Support, Supervisor  
MP Connors, Scientific Glassblowings, Specialist Technician  
M Lee, Imaging Centre, Supervisor

E Szymanski, Machine/Fabricating Shop, Coordinator  
Vacant, Computer and Lab Equipment Services, Supervisor

## University Archives and Information and Privacy Office

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

### Information and Privacy Office

BE Corbett, BA (Hons), MA, CSP, CA, FOIPP Coordinator  
J Franks, BA, MA, Information and Privacy Advisor  
C Michell-Viret, BSc, MSc, Information and Privacy Advisor

## University Bookstore

J Picheca, BCom, Bookstore Director  
WC Quick, Assistant Director, Bookstore

## University Design Inc

G Mattheys, Marketing and Licensing Director

## University Information Enterprises

J Andrews, MSc, Director

## University Press

A Brownoff, Design and Production  
C Crooks, Sales and Marketing  
ML Mahoney-Robson, Editor  
G Rollans, Director  
Y Sekiya, Press Secretary, Customer Service  
L Vermeer, Projects Editor and Administrative Assistant

## University Secretariat

G Bodnar, BA (Hons), Associate Director of the University Secretariat  
J McKinnon, BA (Hons), LLB, Administrative Officer and Student Appeals Coordinator  
EA Schoeck, BA (Hons), MA, Director of the University Secretariat and Secretary to General Faculties Council

## University Teaching Services

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

# 223 University Libraries

## Administration

### Director of Library Services and Information Resources

K Adams, BA (Honors), MLS

### Associate Director (Administration and Facilities)

T James, BA, BLS

### Associate Director (Finance and Personnel)

K DeLong, BA, MLS, MPM

### Financial Systems and Analysis Head

MJ Romaniuk, BComm

## Bibliographic Services

### Associate Director (Bibliographic Services)

M Distad, BA, MA, PhD, MLS

### Librarians

K Carter, BA, BLS  
L Chor, BSoc Sci, MLS  
S Marshall, BEd, MLS  
R Traichel, BA, MA, MLS  
K Wilson, BA, MLS

### Financial Systems and Analysis Head

D Fung

## 223.1 Areas

### Bibliothèque Saint-Jean

#### Associate Director (Liberal Arts and Social Sciences)

D Dancik, BA, MLS, MEd

**Bibliothécaire en chef**

J Henley, BA, BLS

**Bibliothécaire**

J Girouard, BA, MLS

**Herbert T Coumts (Education) Library****Associate Director (Liberal Arts and Social Sciences)**

D Dancick, BA, MLS, MEd

**Head, Public Services**

J Tong, BA, BLS, BEd, MEd

**Head, Administrative and Access Services**

G Kayler, BA, MLS, MEd

**Librarians**

J Colter, BA, MLS

P Rempel, BA, BLS

I Scott, BEd, MLS

**Humanities and Social Sciences Library****Associate Director (Liberal Arts and Social Sciences)**

D Dancick, BA, MLS, MEd

**Collections Development Librarian**

F Ziegler, BA, MLS

**Servals and Microform Specialist**

M McClary, BA, DipEd, MLS

**Data Library**

C Humphrey

A Bombak, BA, MLS

**Librarians**

P Figueroa, BA, BSL, MLS

I Hooper, BA, MLS

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

M May, BMus, MLS

E Radenovich-Banski, BA, MA, MLIS

F Russell, BA, MLS

**Winspear Business Reference Room****Business Librarian**

KWest, BA, MLS

**Librarians**

M Beristoin, BEd, MLS

J Williamson, BA, MLIS

**Bruce Peel Special Collections Library****Special Collections Librarian**

JW Charles, AB, MLS

**Librarian**

JM Green, BA, MLS

**Conservator**

C Poon

**Information Technology Services****Associate Director (Information Technology Resources and Services)**

JD Poff, BA, MA, MLS

**Technical Operations Manager**

A Darnell, BA, MA, MLS

**Librarian**

E Howe, BEd, MLS

**John A Weir Memorial Law Library****Associate Director (Liberal Arts and Social Sciences)**

D Dancick, BA, MLS, MEd

**Librarians**

B Burrows, BSc, BLS

W Quoika-Stanka, BA, MA, MLS

MB Storozuk, BA, BLS

**John W Scott Health Sciences Library****Associate Director (Science and Health Libraries)**

M Law, BA, BEd, MLS, MBA

**Collections Coordinator**

J Buckingham, BA, MLS

**Librarians**

M Dorgan, BA, MLS

L Seale, BA, MLS

S Shores, BA, MLS

L Slater, BEd, BA, MLS

**Science and Technology Library****Associate Director (Science and Health Libraries)**

M Law, BA, BEd, MLS, MBA

**Collections Coordinator**

DL Jones, BSc, MLS

**Science/Technology Special Collection**

J Heilik, BA, BLS

**Librarians**

S Campbell, BA, MLS

J Kowalyk, BA, MLS

S Moysa, BA, BLS

RP Reichardt, BSc, MLS

P Ryan, BA, MUS

**William C Wonders Map Collection****Head**

M Law, BA, BEd, MLS, MBA

**223.2 University Library**

The resources of the University of Alberta Library system comprise one of the major research collections in Canada. The system consists of numerous 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 catalogue system, and assistance is offered 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 100,000 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 Canadiana is another collection area, as is 20th century fine printing from England, the United States, and Canada. Special Collections also houses the Javitch collection of North and South Amerindian materials.

The Science and Technology Library occupies the first four floors of Cameron Library. The collection includes information resources in the formats in the areas of science, engineering, agriculture, forestry and home economics. This library includes three unique collections. The William C Wonders Map Collection, the Science and Technology Special Collection, and the Canadian Circumpolar Collection, specializing in information about the Arctic and sub-Arctic regions of the world. This library also has two branches: the Mathematics Branch Library, located in the Central Academic Building, and the Physical Sciences Branch Library, located in the Chemistry Building.

Cameron Library also houses Information Technology Services, Bibliographic Services, Administrative Services, Interlibrary Loans/Document Delivery, and the ONEcard Office.

The John W Scott Health Sciences Library, in the Walter C Mackenzie Health Sciences Centre, contains information resources in all formats for the health sciences. The collection includes a reserve collection for these subject areas and a reference collection. Historical material is found in the Phyllis Russell Rare Book Room.

The John A Weir Memorial Law Library is in the Law Centre located on 111th Street and 89th Avenue. The Library contains law reports, statutes, and regulations for the Canadian federal, provincial, and territorial government, the United Kingdom, other Commonwealth countries, and the United States. It also has periodicals, treatises and textbooks, government documents, and reference sources. The collection includes books, microform materials, audio and video tapes, and access to electronic databases. The Library has extensive collections in oil and gas, health, and communications law. The collections are totally accessible through the online catalogue.

The other major library on campus is the Herbert T Coultts (Education and Physical Education) Library which occupies the three-storey east wing of the Education Building. This is the primary resource library for the Faculties of Education and Physical Education and Recreation. The Education Collection (located on the main and second floors) contains material on the theory and practice of teaching. The Curriculum Collection (located in the basement) contains learning resources and classroom materials for use with students from kindergarten to the Grade 12 level.

The Bibliothèque Saint-Jean is located at 8406 - 91 Street. It contains over 150,000 volumes (monographs, periodicals, and government documents) in the humanities, social sciences, education, and pure sciences. The collection emphasizes French Canadian history and literature. Materials are in both official languages with an emphasis on French.

## 224 Research Centres and Institutions

### Alberta Centre for Gerontology

**Interim Director**  
L Liu, PhD

**Interim Board of Directors**

**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 and community representatives 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 and the community at large
- (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; and a student gerontology association.

### Alberta Law Reform Institute

**Board Members**

Hon BR Burrows  
CW Dalton  
A deVillars, QC  
Hon NA Flatters  
WH Hurlburt, QC  
HJL Irwin  
PJM Lown, QC  
SL Martin, QC  
DR O'wram, PhD  
Hon BL Rawlins

NC Wittmann, QC  
RJ Wood

**Director**  
PJM Lown, QC

**Counsel**  
RH Bowes  
C Gauk  
JGE Henderson-Lyppie  
MA Shone  
VR Stevenson

**Directors Emeriti**  
WF Bowker, QC  
WH Hurlburt, QC

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 has made 75 final reports to the Government of Alberta covering a wide range of subjects. A high percentage of the Institute's reports have been, or are currently being enacted into legislation. Two of the most recent are the *Protection Against Family Violence Act* and the *Limitations Act*. Some of the work done by the Institute such as the *Arbitration Act* and the *Cost of Credit Disclosure Act* has been adopted by the Uniform Law Conference of Canada for implementation in other jurisdictions across the country. The Institute has a website that contains more general information and some details of the topics currently under review. The website address is [www.law.ualberta.ca/alri](http://www.law.ualberta.ca/alri)

### Alberta Microelectronic Corporation

**Chair of the Board**  
W Waite

**President and CEO**  
C Lumb

The Alberta Microelectronic Corporation (AMC) is an Alberta technology corporation, with a mission to develop the best commercially relevant microelectronic technologies for its customers' products and services. Since its original creation in 1982 as a spin-off of the University of Alberta, AMC has expanded its staff to over 70 full-time employees and is now one of Canada's foremost microelectronics companies.

AMC is active in the design, development, and manufacturing of microelectronics and micromachined systems and devices, and of electronic products and specialized software. The Centre's work includes engineering design, prototype developments, manufacturing and production. Target markets are industrial equipment manufacturers, telecommunications and biotechnology industries, and electronics manufacturers.

AMC's activity in microelectronics materials research and its research collaboration with universities has led to several patent applications, development of new products, and improved processes in the semiconductor field.

AMC houses one of North America's foremost commercial micro-electro-mechanical and thin film fabrication facilities with 1,200 square feet of clean room space.

### 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 sponsors a biweekly colloquium and co-sponsors from time to time conferences and research workshops. 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 and

Industrial 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.

## Canadian Circumpolar Institute (CCI) 3rd Floor, Old St Stephen's College (8820 - 112 Street)

### Institute Staff

C Hickey, PhD, Director  
K Barron, Associate Director (Northern Resources)  
EL Maloney, BSL, Assistant Director (Programs)  
MMR Freeman, PhD, HMT Professor, Senior Research Scholar  
C Mason, Programs Assistant

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

C Hickey, PhD (Director CCI) (Chair)  
N Gibson, (Human Ecology)  
D Gignac (Faculté Saint-Jean)  
D Marples (History)

### Ex officio

R Kratochvil, Coordinator, IRUS, Vice-President (Research)  
M Law (Science/Technology Library)  
MMR Freeman, Senior Research Scholar (CCI)  
EL Maloney, Assistant Director (Programs)  
E Hogg, Research Grants Committee Chair 1998/99

### External Members of the Advisory Board

B Rigby, Executive Director, Nunavut Research Institute (Iqaluit)  
Maureen Long, Northern Research Institute, Yukon College (Whitehorse)  
V Walker, Executive Director, Aurora Research Institute (Whitehorse)

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 circumpolar 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 for Selective 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 circumpolar 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 circumpolar 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 circumpolar 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.

## Canadian Institute of Ukrainian Studies

### Director

ZE Kohut, PhD

### Associate Director

DH Struk, PhD

### Academic Staff

D Bednarsky, PhD  
AJ Hornjatkevyc, PhD  
J Jacuta, BA (Hon), LLB  
DR Marples, PhD  
M Petryshyn, M SocSc, LLB  
S Plokhly, PhD  
F Swyrypa, PhD  
FE Sysyn, PhD  
M Yurkevich, MA

### Administrative Officer

K Jendyk, BA

### Toronto Office: Academic Staff

R Senkus, MA  
DH Struk, PhD  
Maxim Tarnawsky, PhD

### Advisory Council

M von Hagen, PhD  
O Illytzyk, PhD  
AD Rutkowski, MA  
P Savaryn, BA, LLB, QC, LLD  
C Stodilka, 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*; the Ukrainian Canadian Program; the Church Studies Program; the Michael and Daria Kowalsky Program for the Study of Eastern Ukraine; and the Canada Ukraine Legislative Cooperative.

CIUS Press has published more than 100 titles to date. The Press has also publishes over 60 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 Program 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.

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.

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

The Michael and Daria Kowalsky Program for the Study of Eastern Ukraine was established in 1998 to serve as a centre for scholarly research on problems related to Ukrainian identity in Eastern, Southern, and Central Ukraine. The program also supports museum development, awards a literary prize for historical novels for young people, and funds other projects.

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.

## Centre for Criminological Research (CCR)

### Coordinator

L Kennedy, PhD

### Steering Committee

H Boritch, PhD  
J Creechan, PhD  
T Hartnagel, PhD  
L Kennedy, PhD  
J Martel, PhD

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

## Centre for Experimental Sociology

### Director

WD Pierce, PhD, Sociology (University of Alberta)

### Executive Committee

WD Pierce, PhD, Sociology (University of Alberta)  
J Cameron, PhD, Educational Psychology (University of Alberta)

### Associates

T Belke, PhD, Psychology (Mt Alison)  
D Boer, PhD, Psychology (Federal Correction Service)  
A Coldeaway, 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 Spetch, PhD, Psychology (University of Alberta)  
D Symbaluk, PhD, Sociology (Grant MacEwan)

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.

## Centre for Engineering Research

### President and CEO

T Nasseri, PhD, PEng

### Vice President and Manager, 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.

## Centre for International Business Studies

### Director

Rolf Mirus, PhD

The Centre for International Business Studies (CIBS) has operated within the University of Alberta's Faculty of Business since its inception, in 1989. It is one of nine such university-based Centres in Canada, all of them federally-funded through the Department of Foreign Affairs and International Trade. It benefits as well from the private sector support of two endowment funds (Imperial Oil Ltd, and Eldon D Foote), and from a Royal Bank of Canada operating grant.

The Centre has as its objectives, to:

- (1) internationalize the curricula of the university's business programs;
- (2) make or strengthen links with universities and research institutes in other countries, by promoting student exchanges, hosting visiting scholars, and sponsoring international guest lecturers;
- (3) communicate with the key sectors of the business community in Alberta on matters of international business;
- (4) engage in research to expand understanding and interest in international business; and
- (5) disseminate its research findings, particularly to the province's managerial community.

## Centre for Studies in Clinical Education

### Director

P Hagler, PhD

### Executive Committee (Ex officio)

B Bissell, MSc  
L McFarlane, MSc  
M Befus, MSc  
G Holdgrafer, PhD

### Associate Member

H Madill, PhD

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, and encourage graduate study of the clinical education and clinical supervisory 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, training and supervision of support personnel, and cost-benefit analysis of student training in clinical service facilities.

## Centre for Subatomic Research

### Director

JL Pinfeld, PhD

### Professors Emeriti

WK Dawson  
GC Neilson, PhD  
WC Olsen, PhD  
G Roy, PhD

### Academic Staff

DM Gingrich, PhD  
LG Greeniaus, PhD  
FC Khanna, PhD  
P Kitching, PhD  
WJ McDonald, PhD  
JL Pinfeld, PhD  
N Rodning, PhD  
HS Sherif, PhD

### Research Staff

R Abegg, PhD  
U Giessen, PhD  
PW Green, PhD  
DA Hutcheon, PhD  
CA Miller, PhD  
H Przysieszniak  
W Springer  
P Routenburg, PhD  
J Soukup, PhD  
GM Stinson, 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.

## JP Das Developmental Disabilities Centre

### Director

R Sobsey, EdD

### Clinical Services Director

P Calder, PhD

Founded in 1967, the JP Das Developmental Disabilities Centre publishes a journal, *Developmental Disabilities Bulletin*, twice each year and maintains a large website that attracts more than 10,000 visits each year. It seeks and receives research grants and other forms of support from governmental and nongovernmental agencies. Major areas of clinical and research focus include violence and violence prevention for people with developmental disabilities, assessment and teaching of cognitive strategies, inclusive education, and families of children with developmental disabilities. The objectives of the Centre are

- (1) to conduct basic interdisciplinary research that contributes to understanding developmental disabilities and the lives of people with developmental disabilities.
- (2) to conduct applied research that results in improved educational, health, and social services for people with developmental disabilities.
- (3) to encourage staff and graduate students at the University of Alberta and other Universities to study developmental disabilities and conduct research relevant to that field of study.
- (4) to provide informed consultation to other University, local, provincial, national, and international agencies on practice and public policy relevant to people with developmental disabilities.
- (5) to prove specialized clinical and assessment services that can not be provided by other community agencies and to work with community agencies to develop those services.

## Devonian Botanic Garden

### Director

DH Vitt, PhD

### Associate Director

M Hickman, PhD

### Associate Professor

LS Sigler, MSc (Medical Microbiology and Infectious Diseases)

Founded in 1959, the Devonian Botanic Garden consists of 75 acres of landscaped gardens, including labelled collections of native plants, alpine 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 on weekends throughout the year, and daily from May to October; there is a small admission charge.

## Institute of Geophysics, Meteorology, and Space Physics

### Director

FW Jones, PhD

### Associate Director

SS Shen, PhD

### Academic Staff

ABG Bush, PhD  
RA Creaser, PhD  
ME Evans (Professor Emeritus)  
J Gray, PhD  
KD Hage, PhD (Professor Emeritus)  
B Jones, PhD  
EP Lozowski, PhD  
RW Luth, PhD  
TB Moodie, PhD  
RD Morton, PhD (Professor Emeritus)  
E Nyland, PhD (Professor Emeritus)  
D Rankin, PhD (Professor Emeritus)  
ER Reinelt, PhD (Professor Emeritus)  
G Reuter, PhD  
SD Riemenschneider, PhD  
G Rostoker, PhD (Professor Emeritus)  
W Rozmus, PhD  
MD Sacchi, PhD  
JC Samson, PhD  
DR Schmitt, PhD  
MJ Sharp, PhD  
J Shaw, PhD  
TJT Spanos, PhD  
GE Swaters, PhD  
RD Sydora, 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 postdoctoral fellows and about 60 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.

## Institute of Pharmaco-Economics

### Board Chair

DF Mazankowski

### Executive Director and CEO

D Menon, PhD, MHSA

The mission of the Institute of Pharmaco-Economics is to strive to improve health through the advancement of health services research and improved decision making in health care.

The Institute is a unique consortium of academic, government, health industry, and other organizations concerned with the outcomes associated with the use of pharmaceutical products and other health care interventions.

The Institute will

- provide national health policy leadership to secure the adoption of ethical, rational and analytic approaches to the assessment of new and existing drugs
- provide leading edge expertise in the theory and practice of pharmaco-economics
- undertake economic studies of health care interventions initially focusing on pharmaco-economic evaluations
- support a developing health research capacity in Alberta and Canada
- collaborate in the training of current and future practitioners in pharmaco-economics
- bring stakeholders together to leverage their resources for pharmaco-economic research
- communicate the impacts of economic and outcomes evaluations on health system reform
- inform and stimulate public dialogue and debate in health care with research-based evidence

The Institute is located at 710, 10665 Jasper Avenue, Edmonton, AB, T5J 3S9.

## Peter Jacyk Centre for Ukrainian Historical Research

### Director

FE Sysyn, PhD

### Associate Director

S Plokyh, PhD

### Associates

D Bednarsky, MA

AJ Hornjatkevyc, PhD

ZE Kohut, PhD

M Stech, 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. The first volume of the translation was published in 1997. 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 been 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.

## Population Research Laboratory (PRL)

### Executive Director

AL McKinnon, PhD

### Research Associates

J Gartrell, PhD, Sociology

H Krahn, PhD, Sociology

P Krishnan, PhD, Sociology

K Krotki, PhD, Sociology (Professor Emeritus)

N Lahu, PhD, Sociology

G Lowe, PhD, Sociology

S McDaniel, PhD, Sociology

A McKinnon, PhD, Sociology

W McVey, PhD, Sociology

E Snider, PhD, Sociology

F Trovato, PhD, Sociology

### Research Manager

D Fong, BA

### Research Analyst

D Odynak, MA

### Administrator

K McGuirk Petryk

### Librarian

K Calvert, MLIS

The Population Research Laboratory (PRL) is an established centre of Excellence for social science research at the University of Alberta. Established in 1966, the PRL is known for its innovations in creating, producing, and communicating socially relevant knowledge and policy research. The PRL is the largest research facility of its kind in western Canada.

The Laboratory excels in conducting high quality social surveys using advanced social research methods and computer assisted telephone interviewing technology. The PRL also conducts demographic studies of population structures and transitions, to inform decision-making in the public and private sectors.

Community-based research and effective partnerships with a wide range of individuals and groups are major strengths of the PRL. Socially relevant knowledge and policy research are cornerstones of the research, education and consultation services provided.

The Laboratory offers education and training in quantitative analysis of social data. The annual Summer Institute is a week-long seminar which includes exposure to social research methods and hands-on training in SPSS Windows.

Excellent educational opportunities are provided for graduate and undergraduate students at the University of Alberta.

## Rehabilitation Research Centre

### Director

S Warren, PhD

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 Office of 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.

## Research Institute for Comparative Literature

### Director

MV Dimić, FRSC

### Associate Director

S Tötösy de Zepetnek, PhD

### Heads of Research Divisions

S Arnold, PhD (African-Caribbean)

ED Blodgett, PhD (Canadian)



J Hart, PhD (Early Modern Studies)  
K Kao, PhD (East Asian Studies)

World Wide Web Home Page: <http://www.ualberta.ca/ARTS/ricl.html>

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 Comparative Literature, Religion, and Film/Media 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 Comparée des Littératures de Langues Européennes*—in collaboration with the International Comparative Literature Association/Association Internationale de Littérature Comparée (MV Dimić).
- (3) African-Caribbean Studies—in collaboration with the African Literature Association, the Canadian Association of African Studies, Heinemann's Educational Books, African World Press, and Three Continents Press (SH Arnold and G Lang).
- (4) Support for the publication, editorial work, desktop publishing, and administration of the *Canadian Review of Comparative Literature/Revue Canadienne de Littérature Comparée* (MV Dimić and Steven Tötösy de Zepetnek in collaboration with scholars at the University of Alberta and at other universities in Canada and abroad). The journal is an internationally renowned publication, published quarterly. Graduate students of the Department of Modern Languages and Comparative Studies assigned as editorial assistants to the journal 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 Dimić and Steven Tötösy de Zepetnek).
- (6) Liaison for the Committee for Communication and Information, International Comparative Literature Association/Association Internationale de Littérature Comparée (Steven Tötösy de Zepetnek, Chair).
- (7) Liaison for the International Society for the Empirical Study of Literature (IGEL) (Steven Tötösy 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 Tötösy 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*. On 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.

### Surgical-Medical Research Institute

See §92.2.3.

### TRLabs

President and CEO  
H Glenn Rainbird

Vice President and Director, Edmonton Operations  
RT Pederson

Vice President, Administration and CFO  
LW Olsen

Vice President, Business Development  
ML Leung

Vice President, Research and Technology  
GD Squires

Director—Network Access  
C Klein

Director—Data Networking  
L Dacombe

Director—Wireless  
GD Squires

Chief Scientist—Network Systems  
W Grover

Chief Scientist—RF Technology  
J McRory

#### University of Alberta Affiliated Academic Staff

Electrical Engineering  
B Cockburn, PhD  
I Filanorsky, PhD  
W Grover, PhD  
W Krzymien, PhD  
M Margala, PhD  
J McMullin, PhD

TRLabs is the largest not-for-profit telecommunications research consortium in Canada. It was founded in 1986 as an applied research consortium based on industry, university and government collaboration. Membership has grown from the original three to over 40, with revenues reaching the \$10 million mark. It operates a network of research laboratories in Edmonton, Calgary, Saskatoon, Regina and Winnipeg, and has plans for future operations in British Columbia. Over 180 highly motivated and skilled people work at TRLabs, consisting of staff researchers, professionals seconded from industry, professors, graduate and undergraduate students, and technical and administrative staff. Its research program is focused on five strategic technologies:

#### (1) Network Systems

Research which improves the reliability, performance, cost-effectiveness and ease of management and planning of network transport and switching systems. Research into new business opportunities from the existing network.

#### (2) Photonics

Research into methods that will increase the reach and/or information rate over fibre optic transmission systems. Wavelength division multiplexing, coding and modulation, Erbium-doped amplifiers and hybrid opto-electronic structures are part of the activity. Optical switching and photonic devices are also key.

#### (3) Wireless Communications

Research programs involve novel approaches for inbuilding and "village" broadband wireless systems. Also being worked on are interference cancellation for CDMA, novel antennas, GaAs MESFET amplifiers and channel measurement and modeling for 30, 40 and 60 GHz.

#### (4) Network Access

Novel methods for enhancing the capabilities of twisted pair lines form a key part of the research. Rural internet access and data over/in voice along with associated mux/demux approaches are also researched. IP over ATM is also of interest.

#### (5) Data Networking

Focuses on ATM traffic management and multimedia applications on broadband networks, internet and multimedia applications on narrowband networks, community data repositories and source compression techniques.

Affiliated with universities in Western Canada, TRLabs provides student training at the graduate level. Its output in People and Technology contributes to the business, research, education, and economic development objectives of its sponsoring partners. It has won national and regional awards, including a University-Industry Synergy Award given by the Conference Board of Canada and the Natural Sciences and Engineering Research Council of Canada and an Alberta Science & Technology Leadership Award. Highlights of benefits delivered by TRLabs are:

Industry	University	Government
>20:1 financial leverage	6 additional Chairs	5:1 financial leverage
50 patents awarded/pending	3 NSERC Chairs	2 spin-off companies
80 technical applications	4 sabbaticals in industry	support to small business
20 professionals trained	400 publications	40 jobs at TRLabs
80 TRLabs graduates hired	130 Masters/Doctoral grads	science & tech infrastructure
numerous technical ideas	110 undergraduates	role in economic development
		visibility

**Major Industrial Partners**

Computing Devices Canada, Lucent Technologies, MCI, MTS, NECTEC, Nortel, NorthwesTel, SaskTel and TELUS

**Small Business Associates**

Alberta Microelectronic Corporation, AML Wireless Systems, CDS Technologies, Critical Control, DB Robinson and Associates, Develcon Instruments, Harding Instruments, InfoMagnetic Technologies, Linear Systems, Linnet Geomatics, Mecca Media Group, Mobiltex Data, Phasys, QCC Communications, Rave Software, SED Systems, SMART Technologies, The Ticker News Network, TriNexus Technologies, Vansco Electronics, VisionSmart and Wavecom Electronics.

**University Partners**

Universities of Alberta, Calgary, Manitoba, Regina and Saskatchewan

**Strategic Alliances**

BC Technology Industries Association, Communications Research Centre, Canadian Technology Network; Electronics Industry Association of Alberta, Manitoba Advanced Technology Alliance, Manitoba Research Network, Saskatchewan Research Network, Science and Technology Growth Fund, and Software Technology Centre

website: [www.trilabs.ca](http://www.trilabs.ca)

**Theoretical Physics Institute****Director**

W Rozmus

**Honorary Members**

DD Betts, PhD, FRSC  
W Israel, OC, FRSC, FRS, PhD  
HJ Kreuzer, DSc, FRSC  
LEH Trainor, PhD

**Active Members**

J Bowman, PhD  
BA Campbell, PhD  
M deMontigny, PhD  
U Frolou, PhD  
ZW Gortel, PhD  
FC Khanna, PhD  
M Klobuski, PhD  
M Kovalyov, PhD  
HP Kunzle, PhD  
M Legaré, PhD  
G Ludwig, PhD  
F Marsiglio, PhD  
DN Page, PhD  
M Razavy, PhD  
W Rozmus, PhD  
HS Sheriff, PhD  
R Sydora, PhD  
JA Tuszynski, PhD  
E Woolgar, PhD

**Associate Members**

FA Baragar, PhD  
W Brouwer, PhD  
BL Clarke, PhD

**Emeritus Member**

AZ Capri, PhD  
FA Baragar, PhD  
AN Kamal, PhD  
BV Paranjape, PhD  
H Schiff, PhD  
J Stephenson, PhD  
Y Takahashi, DSc, MRIA, FRSC  
WR Thorson, PhD

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.

**Water Resources Centre****Director**

D5 Chanasyk

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**

- (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.

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## 225 Alumni Association

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**Alumni Council****Executive Members and Faculty Representatives**

P Young, President  
B Anderson  
G Barr  
R Beauchamp  
B Bentley  
J Crozier  
G Devine  
M Fairhurst  
P Graham  
A Jacobson  
L Malin  
G Moysa  
D Park  
D Reynolds  
C Roy  
D Samyia  
D Somshor-Walsh  
J Voyer  
L Walter  
R Weisenburger  
C Wilson

**Ex Officio**

T Flannigan  
J Harris  
S Murphy

**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. On 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 as well as alumni and campus news, and campus and class notes.

### **Recreational Privileges**

With your ONEcard, obtain access to all campus recreational facilities for self and family at a special rate.

### **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 way to contribute 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**

With your Alumni ONEcard graduates are welcome to use library materials in place for only \$30 annually.

### **University Affairs**

Your perspective is valuable. As a member, you can be involved 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 honor 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 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 link 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.

### **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 official University of Alberta degree and picture frames, the Association offers special edition memorabilia to alumni.

### **Host Family**

In conjunction with the U of A International Centre, alumni families are invited to share friendships and experiences with foreign students attending university.

## 226 Affiliated Colleges

### 226.1 On-Campus Colleges

Two denominationally-sponsored colleges, with buildings on campus, are related to the University by an agreement described as affiliation, and offer courses that may be taken for degree credit by students of the University.

#### 226.1.1 St Joseph's College

#### **Academic Staff of the College**

##### **President**

T Scott, BA, MA, MDiv, SSL, STD

##### **Academic Dean**

MO D'Souza, BA, MEd, MDiv, PhD, CAES

#### **Philosophy**

##### **Associate Professor**

JA Buijs, MA, PhD

#### **Theology**

##### **Associate Professor**

PJP Flaman, BA, STD

##### **Assistant Professors**

RB Sheard, MA, BEd, PhD

D Vervoort, ndI, MA (Professor Emeritus)

##### **Lecturers**

R Davis, Mathias, BA, MA, PhD

K Doyle, BEd, BRE, MRE

ML Cranston, cnd, BSc, BEd, BPh, STL, STD

RM Hague, MEd, MTh, PhD

DO Lamoureux, MDiv, MCS, DDS, PhD, PhD

RM McKeon, BS, MEd, MTh

R Wanner, BA, BEd, MRE, MRE, MAS

##### **Assistant to the President for Development**

C Panas

##### **Director of Residence**

D Bittner, csb, BS, 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 postsecondary education. In collaboration with the University, the College contributes to liberal education through studying the Judaeo-Christian intellectual and religious tradition and applying it to contemporary issues.

#### **Courses Offered for University Credit**

St Joseph's offers courses in philosophy and theology to all students registered at the U of A for credit toward a BA degree or as Arts options open to students in other faculties. The College also operates a Catholic Ethics Centre.

#### **Christian Theology**

For courses taught by St Joseph's College in Christian Theology see \$201 (Course Listings).

**Philosophy**

For courses taught by St Joseph's College in Philosophy see §201 (Course Listings).

**226.1.2 St Stephen's College****Academic Staff of the College****Principal**

C Levan, MA, PhD

**Academic Dean**

E Sharam, MA, DPhil

**Teaching Faculty**

L Ervin, BGS

FA Hare, DMin

R Laplante, BEd, BTh, MRE, DMin

K Lund, BSc, MDiv, LTS

**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 works 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 toward the Bachelor of Arts degree, or as Arts options open to students in other Faculties. For information about courses offered, see §201, 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, a Master of Arts in Social Transformation Ministry, and a Masters of Arts in Pastoral Psychology and Counselling. Enquiries may be directed to the office (780) 439-7311.

**226.2 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.

**226.3 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).

**227 Associated Institutions and Agencies****Northern Health Services Program**

See §91.2.3.

**Alberta Research Council****Managing Director and CEO**

JR McDougall

**Vice-President, Research and Development, Operations**

MP DuPlessis, PhD

**Vice-President, Planning and Development**

MA Wilson, PhD

**Chief Financial Officer**

K Salmon, CA

**Director, Human Resources**

WJ Gut, CA

**Director, Corporate Relations**

C Forster, BSc

**Director, Technology Commercialization Office**

K Beliveau, BSc

**Manager, Advanced Systems Applications**

D Nguyen, PhD

**Manager, Analytical Chemistry**

D Smillie, PhD

**Manager (Acting), Biotechnology**

M Best, MSc

**Manager, Carbohydrate Research**

M Gray, PhD

**Manager, Crop and Plant Management**

P Sharma, PhD

**Manager, Environmental Technologies**

P Layte, BSc/MSc

**Manager, Forest Products**

R Wellwood, MSc/PEng

**Manager, Forest Resources**

D McNabb, PhD

**Manager, Fuels and Lubricants**

B Rebus, BSc

**Manager, Health Informatics**

P Sargious

**Manager, Heavy Oil and Oil Sands**

E Isaacs, PhD

**Manager, Industrial Development**

L Beres, PEng

**Manager (Interim), Manufacturing**

R Rajan, PhD

**Manager, Pulp and Paper**

G Leary, PhD

**Manager (Acting), Toxicology**

R Coppock, PhD/DVM

The Alberta Research Council (ARC) works with customers and partners to bring technology developments into commercial use for the benefit of all Albertans. ARC 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 multinational corporations, and government departments and agencies.

ARC provides a full spectrum of Research and Development and advisory services that effectively bridge the gap between basic research and market development. The corporation works closely with industry, universities and other groups in a variety of arrangements, including strategic alliances, contract research, joint ventures, consortia and licensing arrangements. Today, ARC is widely recognized for its capability in seven key market sectors.

**Agriculture:** crop diseases, insect, pest and weed management, toxicology of environmental pollutants, and the impact of industrial activities on air, water and land resources essential to sustainable agriculture.

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

**Energy:** product and process improvement for energy-related industries, and technologies for recovery and upgrading heavy oil and bitumen.

**Environment:** pollution control, including air biofilter technology and waste incineration; land-based waste management, land reclamation and habitat restoration; combustion systems design, thermo-fluids dynamics modelling, emissions monitoring and expert systems for performance optimization.

**Forestry:** engineered wood products, pulp and paper technology, fish and wildlife, and sustainable natural resource management.

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

**Manufacturing:** advanced materials, multi-phase fluid flow dynamics, and intelligent manufacturing.

For more information on the products and services of the Alberta Research Council, visit our web site at <http://www.arc.ab.ca/>

## The University of Alberta Hospital

### Chair

Neil Wilkinson

### Board Members

Dean Bell

Peter Bidlock

Harry Buddle

Jack Chesney

David J Hook

Andrew W Huntley

Marilyn A Kane

Roy Louis

Linda A Mabbott

Margaret E Plain

Karen M Polowick

John Ramsey

Solomon J Rolingerher

Leslie G Young

The Capital Health Authority (CH) was formed in 1994 and replaced the former boards that operated individual health facilities (including the University of Alberta Hospital) and health units in the cities of Edmonton and St. Albert. In 1996, Strathcona County became part of the region which includes a total population of 740,000 and also serves patients from across Alberta in various specialized programs. CH is responsible for all acute care, public health, home care and long-term care in the region.

CH is closely allied with the University of Alberta and other postsecondary education institutions in Edmonton.