

# General Information

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## 231 University History and Traditions

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### 231.1 Historical Sketch

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#### 231.1.1 Introduction

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

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

#### 241.1.2 The Beginnings of the University

Excerpt from *University Beginnings in Alberta*, by RK Gordon.

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

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

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

The act permitted all resident graduates of British and Canadian universities to register as members of Convocation. Convocation elected five members to a Senate; the government appointed ten more. The Senate, acting as the governing body of the University, established the Faculty of Arts and Science as the core of the new institution. In 1910 a revision of the University 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.

#### 231.1.3 Years of Challenge: 1914 to 1945

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

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

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

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

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

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

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.

### 231.1.4 Years of Expansion: 1945 to 1969

With the end of the war, a flood of veterans poured into the University and registration rose from 2,023 in 1943–44 to a peak of nearly 5,000 in 1947–48. Accommodation in classrooms, laboratories, and libraries was pathetically inadequate, and housing was generally even less satisfactory. Army huts only partially relieved the pressure. While by 1947 student numbers had tripled from pre-war figures, the full-time teaching staff did not even double. Thereafter the pace of campus development slowly increased. New wings were added to the Medical Building in 1947 and 1948; the first Students' Union Building opened in 1950, the 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.

### 231.1.5 Recent Years

Max Wyman, the first graduate of the University to become its president, took office in 1969 and served until 1974; Harry Gunning followed from 1974 to 1979, and Myer Horowitz from 1979 to 1989, when Paul Davenport from 1989 to 1994; Roderick Fraser took office at the beginning of 1995. During these years new problems arose, as a levelling-off 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.

## 231.2 University Traditions

### 231.2.1 The University Motto

The University motto, *Quaecumque vera*, is taken from the Latin Vulgate version of the Bible, the Epistle of St Paul to the Philippians, chapter 4, verse 8: *De cetero, fratres, quaecumque sunt vera, quaecumque 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.

### 231.2.2 The Coat of Arms



On November 15, 1909, a motion by the faculty recommended to the Senate the adoption by the University of the provincial coat of arms, with the addition of an open book above the shield and the motto *Lux et Lex*;

the words "University of Alberta" were to be attached as might seem fit. The present motto was substituted in January 1911 for the one originally proposed. In 1950 the representation of the coat of arms was altered to conform better to the principles of heraldic design; but these arms were never actually registered.

In 1994 a new coat of arms incorporating a number of traditional symbols associated with the University or the Province, and 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.

### 231.2.3 The University Colors

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

### 231.2.4 The University Flag

The Flag of the University is comprised of the shield of the coat of arms on a gold background.

The shield and the motto are used in accordance with the University's visual identity program.

### 231.2.5 Academic Costume

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

<b>Undergraduate Degrees</b>			
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		
<b>Master's Degrees</b>			
<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 Management</b>	Silver Grey	• 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	<b>Visual Arts</b>	White
• Civil Engineering	Light Green		
<b>Doctorate Degrees</b>			
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.			
<b>Honorary Doctorates</b>			
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.			

### 231.3 Presidents of the University of Alberta

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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

### 231.4 Chancellors of the University of Alberta

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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 -	Louis D Hyndman

### 231.5 Presidents of the Students' Union

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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 Loughheed
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 Oginski
1987 - 1988	Timothy I Boston
1988 - 1989	Paul LaGrange
1989 - 1990	David Tupper
1990 - 1991	Suresh Mustapha
1991 - 1992	Marc Dumouchel
1992 - 1993	Randy P Boissonnault
1993 - 1994	Terence Filewych
1994 - 1995	Suzanne Scott
1995 -	Garett Poston

### 231.6 Presidents of the Graduate Students' Association

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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 Oleki
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 Glanfield
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 -	Gordon Squirell

## 232 Constitution of the University

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### 232.1 Introduction

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

### 232.2 Reserved

### 232.3 The Universities Coordinating Council

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#### 232.3.1 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.

#### 232.4 Reserved

### 232.5 The Chancellor

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

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

### 232.6 The President and Vice-Chancellor

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

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

### 232.7 The Vice-Presidents

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

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

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

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

### 232.8 The Board of Governors

#### 232.8.1 Members

**Chair**

JT Ferguson, BComm

**Statutory Members**

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

**Alumni Representatives**

WJ Beckett, BSc, PEng  
LE Malin, BA, LLB, QC

**Senate Representative to the Board**

BA Pearson, BA

**Academic Staff Representatives**

G Faulkner, BSc, MSc, PhD  
D Kieren, BA, MSc, PhD

**Non-Academic Representative**

A Moore

**Student Representatives**

S Curran  
G Poston  
G Squirell, BBA, MBA

**Public Representatives**

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

### 232.8.2 Board Secretary

L Shulko

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

The conduct, management, and control of the University and all its property, revenue, business, and affairs are vested in the Board. The Board appoints the deans of all faculties, all members of the teaching staff, the Librarian, the Registrar, and all members of the administrative staff, but no one may be appointed to a senior administrative post or to the academic staff of the University unless first nominated by the President of the University. The Board provides for the maintenance of buildings and the erection of new buildings. It has authority to purchase and acquire such property as it may deem necessary for the purposes of the University. It fixes the various fees charged in connection with university courses and 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.

### 232.9 The Senate

#### 232.9.1 Ex officio Members

**Chancellor of the University**  
LD Hyndman

**President of the University**  
RD Fraser

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

**Dean of Students**  
J Newton

**Dean, Faculty of Extension**  
R Garrison

**President of the Alumni Association**  
M Van Vliet

**Vice-President of the Alumni Association**  
L Malin

#### 232.9.2 Appointed Members

**Appointed by Deans' Council**

L Beauchamp  
A Quinney

**Appointed by the Board of Governors**

J Beckett  
L Malin

**Appointed by General Faculties Council**

W Allegretto  
S Arntzen  
M Haughey

**Appointed by the Alumni Association**

D Park  
L Walter

**Appointed by the Minister of Advanced Education**

G Ahmed  
N Ahmed  
A Barette  
L Billings  
J Cosco  
J DoBush  
Z Lakhani  
S Schmold  
G Tagg

**Appointed by Students' Union**

R Harrison  
S Jones  
D McLean  
C Peredery

**Appointed by the Graduate Students' Association**

A Upal

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

T Churchill  
P Mash

The Director of Special Sessions  
The Principal of St Joseph's College  
Dean of Students  
Appointed Graduate Student Members  
Appointed Undergraduate Student Members

**232.9.3 Elected Members**

S Ahmad  
G Andres  
R Blakely  
S Boga  
H Boychuk  
P Denis  
W Erasmus  
I Evans  
R Fong  
E Goodall  
S Green  
G Harris  
R Harris  
B Heidecker  
S Hickey  
A Hollingshead  
E Johnson  
D Karpluk  
D Lorieau  
S Machura  
E McCuaig  
S Murray  
I Nicolson  
G Ouellet  
B-A Pearson  
G Porteous  
C Prentice  
M Skelley  
D Storey  
E Sylvester

**232.9.4 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.

**232.10 General Faculties Council****232.10.1 Ex officio Members**

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

**232.10.2 Elected Members**

46 members elected by and from the faculty

**232.10.3 Statutory Student Members**

2 Undergraduate students  
1 Graduate student

**232.10.4 Appointed Members**

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

**232.10.5 Secretary**

EA Schoeck, BA (Hons), MA

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

**232.11 Deans' Council**

EA Schoeck, BA (Hons), MA, Secretary

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

**232.12 Faculty Councils**

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

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

**232.13 Other Administrative Offices****232.13.1 Office of the Vice-President (Academic)**

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

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

G Harris, BSc, 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)

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

RS Smith, PhD, Acting Vice-President  
T Flannigan, PhD, Executive Director of External Affairs  
BG Kratochvil, PhD, Associate Vice-President (Research)

JW Murray, PhD, Associate Vice President (Research/Industry Relations)  
 A Tupper, PhD, Associate Vice-President (Government Relations)  
 CF Betke, PhD, Director, Research Grants Office  
 ME Enzle, PhD, Research Coordinator (Research Policies)  
 EHG Mallabone, BComm, Director of Development  
 KE Moore, PhD, Executive Assistant  
 JW Murray, PhD, Director, Industry Liaison Office  
 JA Myers, LLB, Director, Office of Public Affairs  
 DH Neil, BVSc, Campus Veterinarian  
 DC Norwood, MA, Special Assistant  
 S Peirce, BA, Director, Office of Alumni Affairs

### 232.13.4 Computing and Network Services

W English, Director  
 G Crawford, BSc, MBA, Manager, Service Operations  
 I Simpson, Manager, Network Services  
 R Simpson, Manager, Business Systems Development  
 KJ Switzer, Manager, Client Services

### 232.13.5 Alumni Affairs

S Peirce, BA, Director  
 E Christianson, BA, MA, Manager, Alumni Branches  
 R Earley, BA, Secretary  
 C Graham, BSc, MEd, Manager, Alumni Programs  
 R Pilger, Communications Coordinator; Editor, *New Trail*  
 J Reinprecht, Dept/Exec Secretary  
 C Rooke, BA, BAA, Communications Associate, Associate Editor, *New Trail*  
 G Wheatcroft, BEd, Manager, Alumni Special Events  
 C Warshawski, BA, DipEd, Acting Manager, Alumni Branches  
 J Zacharias, Secretary

### 232.13.6 Budget and Statistics

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

### 232.13.7 Campus Security Services

DMJ Langevin, Director  
 K Darichuk, Administrative Assistant  
 B Ladan, LAN Coordinator  
 R Stallknecht, Operations Manager

### 242.13.8 Office of the Comptroller

P Banks, BA, CMA, CSP, FIS Project  
 E Berends, BA Dip (Bus Admin), APO (Health Sciences), Special Funds and Research Accounting  
 F Chesney, BCom, CA, Treasurer and Risk Manager  
 M Coutts, BCom, CA, Accountant – General Accounting Section  
 J Groleau, BBA, CMA, APO, (Endowments and Estates) – Special Funds and Research Accounting  
 L Howell, CA, Chief Accountant  
 CL McDonald, BCom, CMA, Continuous Improvement  
 P Poon, BCom, Administrative Officer – Treasury  
 R Ritter, BCom, CA, Manager, Special Funds and Research Accounting  
 G Sledz, BEd, APO (Sciences) – Special Funds and Research Accounting  
**Fees and Accounts Receivable**  
 L Brotzel, Dip NAIT  
 K Marchak, BSc, MBA, Manager FIRST PROJECT  
 E Wood, BEd, APO (Arts/AgFor), Special Funds and Research Accounting

### 232.13.9 Housing and Food Services

D Bruch, BA, Director  
 D Dawson, Associate Director, Support Services  
 M Ouellette, MPE, Residence Life Programs Manager  
 W Saunders, Office Manager

### 232.13.10 Human Resource Group

JB Caunt, BCom, MBA, Director of PSSR  
 LW Davidson, BCom, Employment Services Manager  
 R Dugas, BA, Organizational Development Manager  
 H Eikeland, Admin Mgmt Dip, Acctg Dip, Human Resources Cert, Payroll Manager  
 FJ Eklund, BA, Employment Officer  
 RA Jackson, BA, Human Resource Group Leader  
 JE Mason, Employee Relations Officer  
 M McCune, Human Resources Cert, Human Resource Group Leader  
 BK McNeill, BA, BAdmin, Employee Relations Manager  
 J Neehall, BSc, Disability Claims and Vocational Rehabilitation Manager  
 K Philip, BA, MA, Employee Relations Officer  
 S Solvere, Employment Officer (Temporary Staff Services)  
 MJ Turnell, BSc, MSc, Team Leader Job Evaluation, Placement and Training  
 L Walden, BEd, MEd, HR Issues Investigator  
 GL Weir, BSc, MSc, Occupational Health and Safety Officer  
 B Williams, Employment Officer

### 232.13.11 Office of Human Rights

FW Trehearne, BEd, Director  
 CA Pachnowski, BA, BLaw, Employment Equity Advisor  
 JR Smith, BA, Harassment Advisor

### 232.13.12 Industry Liaison Office

JW Murray, PhD, Director  
 K Adachi, PhD, Biomedical Technology Transfer Manager  
 B Albrecht, Contracts Officer  
 J Barrington Leigh, PhD, CPhys, Associate Director, Senior Licensing Manager  
 A Bayley, Assistant to Technology Manager  
 S Coss, Contracts Manager  
 J Duncan, Receptionist  
 D Gill, BSc, Technology Transfer (NCE) Manager  
 S Godby, Contracts Assistant  
 H Good, BSc, Technology Officer  
 D Gratz, MEdes, Management Prototype Development  
 H Holmes, Assistant to the Director  
 L Leung, Systems Analyst  
 DC Norwood, MA, Special Assistant  
 AB Oreski, Technology Management Assistant, Biomedical  
 V Ratti, BSc, MBA, PhD, Technology Transfer (Science) Manager  
 EP Rowan, BSc, BAS (Comm), Executive Assistant (Associate Director)  
 B Service, Intellectual Property and Legal Management Assistant  
 G Tertzakian, PhD, Senior Advisor  
 L Woollard, BSc (Pharm), LLB, Intellectual Property and Legal Manager  
 S Wong, BA, BComm, Finance Manager

### 232.13.13 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

### 232.13.14 Materials Management

RA Bennett, BCom, Director of Materials Management  
 MM Craige, CPP, Purchasing Manager  
 BE Lofto, CPP, Distribution Manager

### 232.13.15 Museums and Collections Services

J Andrews, MSc, Director  
 F Blondheim, BFA, Public Information Coordinator  
 J Corrigan, MVA, Exhibit and Art Loan Coordinator  
 B Hildebrandt, MVA, Designer  
 L Latta-Guthrie, BA, MLS, Collections Management Coordinator

### 232.13.16 Physical Plant

GA Bulat, PEng, BSc Director  
 C Carter, Manager, Electrical Utilities  
 A da Silva, PEng, BASC, Manager, Mechanical Utilities  
 E Dux, Manager, Vehicle Pool  
 R Kjenner, Manager, Heating Plant  
 RA Kudryk, Manager, Operations  
 WS McCutcheon, NPD, Manager, Grounds  
 M Miller, Manager, Building Services  
 KR Moodie, PEng, BASC, Associate Director, Building Operations  
 T Moore, Plant Administrative Officer  
 T Nonay, PEng, BSc, Engineering Officer, Utilities  
 S Ostapowich, MEng, Associate Director, Utilities  
 KA Philip, BA (Hon), MA, Personnel Administrator  
 D Pretzlaff, Superintendent, Building Trades  
 R Richards, Fire Protection Officer, Fire Safety  
 L Sereida, PEng, BASC, Systems Engineering Manager, Energy Management  
 GF Wiens, PEng, BSc, Superintendent, Grounds and Transportation  
 SL Wastle, Telecommunications Utility Manager

### 232.13.17 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  
 RA Fuller, Senior Manager, Contracts and Special Projects  
 WA Hansen, BSc, BEd, Space Planning Officer  
 M Matton, BSc, Research and Planning Analyst  
 AW McDowall, BA, CGA, Administrative Manager  
 AW Palmer, BArch, MRAIC, Senior Development Officer  
 E Sumbar, BSc, PhD, PEng, Computer Facilities Manager  
 MJ Szyling, BSc, PEng, Development Officer  
 DJ Voigt, BA, BArch, AAA, Project Officer

### 232.13.18 Public Affairs

JA Myers, BA, BA (Hons), LLB, Director  
 J Goldsand, Communications Manager, Faculty  
 D Johnston, Department Secretary

**Recruitment**

C Doucette, Advertising *Folio*  
 C Floden, Public Relations Assistant  
 T Heisler, Administrative Assistant  
 S Halme, Communications Relations Manager, Student Recruitment  
 K Irwin, Advertising Sales Manager  
 M Robb, Communications Manager, Development

**232.13.19 Real Estate Services**

A Mah, BCom, CPM, Director

**232.13.20 Office of the Registrar**

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

**232.13.21 Research Grants Office**

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

**232.13.22 University Student Services****Dean of Students**

JD Newton, PhD

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

**Office of the Dean of Students**

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

**Career and Placement Services (CaPs)**

W Coffin, Director  
 A Arca, Financial Records Clerk  
 V Missen, Receptionist

**Career Services**

C Castillo, Career Fairs/Forums Coordinator  
 J Lamb, Library Assistant  
 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**

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

**International Centre**

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

**Native Student Services**

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

**Student Advisor**

N Sharpe, MA

**Student Counselling Services**

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

**Academic Support Centre**

D Clyburn, MA, Coordinator and Program Head, Effective Writing Resources  
 S Schiavone, PhD, Program Head, Math Resources  
 K Kovach, PhD, Program Head, Study Skills Program

**Sexual Assault Centre**

S Beggs, BSc, Director

**Student Financial Aid and Information Centre**

N Sharpe, MA, Director  
 L Salter, BA, Financial Information Director  
 E Schulz, BA, Administrative Assistant  
 R McClelland, Receptionist

**University Health Services**

G McInroy, MB, ChB, DRCOG, Director  
 WP Thorbourne, BBus Admin, Administrator  
 RH Drebit, FRCPC, Psychiatrist  
 L Goon, MB BCh, Physician  
 ND John, FRCPC, Psychiatrist  
 J Malmberg, FRCPC, Psychiatrist  
 VV Maqubela, MB, ChB, Physician  
 C Phillips, FRCPC, Psychiatrist  
 A Russell, MD, Physician  
 TB Stelfox, MD, Physician  
 Y Shapiro, MD, FRCPC(C), Physician  
 JH Hancock, BEd, Peer Health Education Coordinator

**232.13.23 Technical Resource Group**

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

**232.13.24 University Archives**

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

**232.13.25 University Bookstore**

JC Malone, BCom, Bookstore Director

**232.13.26 University Design Inc**

G Mattheys, Marketing and Licensing Director

**232.13.27 University Information Enterprises**

J Andrews, MSc, Director

**232.13.28 University Press**

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

**232.13.29 University Secretariat**

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

**232.13.30 University Teaching Services**

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

**233 University Libraries****233.1 Administration****Director of Libraries**

EB Ingles, BA, MA, MLS

**Assistant Director (Administration and Facilitation)**

T James, BA, BLS

**Assistant Director (Library Development and Public Relations)**

M Distad, BA, MA, PhD, MLS

**233.2 Academic Planning and Liaison****Associate Director**

BJ Busch, AB, AMLS, MA



### 233.3 Operational Support Services

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**Associate Director**  
SE Rooney, BA, BLS, MA

**Acquisitions Head**  
D Hazlett

**Librarians**  
K Carter, BA, BLS  
L Chor, BSoc Sci, MLS

**Administrative Professional Officer**  
S Marshall, BEd

**Financial Systems and Analysis Head**  
D Fung

### 233.4 Areas

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#### 233.4.1 Faculté Saint-Jean Bibliothèque

**Bibliothécaire en chef**  
J Henley, BA, BLS

**Bibliothécaire**  
J Girouard, BA, MLS

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

**Education Librarian**  
K DeLong, BA, MLS, MPM

**Head, Curriculum and Education Reference Services**  
J Tong, BA, BLS, BEd, MEd

**Head, Administrative and Access Services**  
G Kayler, BA, MLS, MEd

**Librarians**  
M Beristain, BEd, MLS  
J Colter, BA, MLS  
P Rempel, BA, BLS  
I Scott, BEd, MLS  
K Wilson, BA, MLS

#### 233.4.3 Humanities and Social Sciences Library

**Humanities and Social Sciences Librarian**  
D Dancik, BA, MLS, MEd

**Business Librarian**  
K West, BA, MLS

**Collections Development Librarian**  
F Ziegler, BA, MLS

**Data Library**  
C Humphrey  
A Bombak, BA, MLS

**Government Publications Librarian**  
SS Manwaring, BA, BLS

**Periodicals and Microforms Librarian**  
M McClary, BA, DipEd, MLS

**Librarians**  
WA Allison, BA, BEd, MA, MLS  
P Figueroa, BA, BSL, MLS  
I Hooper, BA, MLS  
V Janssen, BEd, MLS  
F Maxwell, BA, MEd, MLS, Prof Teaching Cert  
M May, BMus, MLS  
F Russell, BA, MLS  
A Rutkowski, MA, MLS  
CD Sharplin, BA  
JK Wikeley, BA, MA, ALA, FIL

**Sessional**  
J Williamson, BA, MLIS

#### 233.4.3.1 Bruce Peel Special Collections Library

**Special Collections Librarian**  
JW Charles, AB, MLS

**Librarian**  
JM Green, BA, MLS

#### 233.4.4 Information Technology Services

**Information Technology Services Librarian**  
JD Poff, BA, MA, MLS

**Technical Operations Manager**  
A Darnell, BA, MA, MLS

#### 233.4.5 John A Weir Memorial Law Library

**Law Librarian (Acting)**  
D Dancik, BA, MLS, MEd

**Librarians**  
B Burrows, BSc, BLS  
W Quoika-Stanka, BA, MA, MLS  
DC Rollins, BSc, MLS  
MB Storozuk, BA, BLS  
S Wilkins, BA, MLS

#### 233.4.6 John W Scott Health Sciences Library

**Health Sciences Librarian (Acting)**  
ME Young, BSc, MSLS

**Collections Coordinator**  
J Buckingham, BA, MLS

**Reference Coordinator**  
LK Starr, BSc, MLS

**Librarians**  
M Dorgan, BA, MLS  
L Seale, BA, MLS  
S Shores, BA, MLS  
L Slater, BEd, BA, MLS  
S Van Haitsma, BSc Pharm, BLS

#### 233.4.7 Science and Technology Library

**Science and Technology Librarian**  
ME Young, BSc, MSLS

**Collections Coordinator**  
DL Jones, BSc, MLS

**Librarians**  
S Campbell, BA, MLS  
E Howe, BEd, MLS  
M Jamieson, BA, MLS  
J Kowalyk, BA, MLS  
S Moysa, BA, BLS  
RP Reichardt, BSc, MLS

#### 233.4.7.1 Canadian Circumpolar Library

**Head**  
R Minion, BA, MLS

#### 233.4.7.2 William C Wonders Map Collection

**Head**  
S Campbell, BA, MLS

### 233.5 University Library

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

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

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

The Bruce Peel Special Collections Library is located on the lower level of Rutherford South. This collection of approximately 80,000 volumes houses the University's rare books in the humanities and social sciences. It also includes some literary manuscripts, Western Canadian papers, and the archival collection of all the University of Alberta theses and dissertations. Major holdings in English literature include: John Bunyan, John Milton, DH Lawrence, 18th century plays, and three-decker novels with emphasis on the Minerva Press. Western 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, second, third, and fourth floors of Cameron Library. This collection consists of books, government publications, and a large number of periodicals of a scientific nature in the areas of agriculture and forestry, engineering, science, and home economics. The Head of this library is also responsible for five branch libraries: the Mathematics Branch Library, located in the Central Academic Building; the Physical Sciences Branch Library, located in the Chemistry Building; the Computing Sciences Reading Room, located in the General Services Building; the William C Wonders Map Collection; and the Canadian Circumpolar Library, located on the Fourth Floor, Cameron Library. The

Canadian Circumpolar Library specializes in information resources about Arctic and sub-Arctic regions of the world.

Cameron Library also houses Information Technology Services, Operational Support Services, Administrative Services, and Interlibrary Loans/Document Delivery.

The John W Scott Health Sciences Library, in the Walter C Mackenzie Health Sciences Centre, contains books and periodicals for the field of medicine, dentistry, nursing, pharmacy, rehabilitation medicine, health services administration, dental hygiene, and related basic sciences. It also houses a reserve book collection for these subject areas and a reference collection which includes indexes, abstracts, and government documents. Historical materials are found in the Phyllis Russell Rare Book Room. Audiovisual material on health-related topics as well as the necessary equipment for their use are available at the Media Desk.

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 Coutts (Education) Library which occupies the three-storey east wing of the Education Building. This is the primary resource library for the Faculty of Education. 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 Faculté Saint-Jean is located at 8406 - 91 Street. It contains over 100,000 volumes (monographs, periodicals, and government documents) mainly in the humanities, social sciences, and education. The collection emphasizes French Canadian history and literature. Materials are in both official languages with an emphasis on French.

## 234 Research Centres and Institutions

### 234.1 Alberta Law Reform Institute

#### Board Members

BR Burrows, QC  
 CW Dalton  
 NA Flatters  
 AD Hunter, QC  
 WH Hurlburt, QC  
 HJL Irwin  
 FA Laux  
 JC Levy  
 PJM Lown, QC  
 DR Owsram, PhD  
 Hon BL Rawlins  
 ACL Sims, QC  
 NC Wittmann, QC

#### Director

PJM Lown, QC

#### Counsel

RH Bowes  
 C Gauk  
 JGE Henderson-Lypkie  
 MA Shone  
 ET Spink

#### 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 had made 73 final reports to the Government of Alberta covering a wide range of subjects. Recent reports include The Presumption of Crown Immunity, Mortgages Remedies in Alberta, Proposals for a Land Recording and Registration Act for Alberta, Transfer of Investment Securities, Non-Pecuniary Damages in Wrongful Death Actions – A Review of Section 8 of the Fatal Accidents Act, The Domestic Relations Act-Phase I, Advance Directives and Substitute Decision-Making in Personal Health Care, Section 195 of the Land Titles Act, and Proposals for the Reform of the Public Inquiries Act. A high percentage of the Institute's reports have been, or are currently being, enacted into legislation. From time to time members of the Institute's legal staff present and publish learned papers which often are prompted by work on law reform projects although they may not be directly connected with them. Members of staff

have also been intimately involved in the preparation of material for review and adoption by the Uniform Law Conference of Canada.

### 234.2 Alberta Microelectronic Centre

#### Chair of the Board

W Waite

#### President and CEO

C Lumb

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

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

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

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

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

### 234.3 Applied Mathematics Institute

#### Director

T Bryant Moodie, PhD, FIMA

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

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

### 234.4 Canadian Circumpolar Institute (CCI)

3rd Floor Old St Stephen's College (8820 - 112 Street)

#### Institute Staff

C Hickey, PhD, Director  
 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)  
 EA Fanning (Medicine)  
 T Hinch (Physical Education and Recreation)  
 N Rutter (Geology)  
 DH Vitt (Biological Sciences/Devonian Botanic Garden)

#### Ex officio

R Kratochvil, Associate Vice-President (Research)  
 R Minion, Head Librarian, Canadian Circumpolar Library  
 MMR Freeman, Senior Research Scholar (CCI)  
 EL Maloney, Assistant Director (Programs)  
 SA Boutin, Research Grants Committee Chair 1995/96

#### External Members of the Advisory Board

JW Bourque, PC, Chair, Centre for Traditional Knowledge and President Transpolar (Yellowknife)

GSH Lock, Member, Board of Directors, Canadian Polar Commission (CPC), Ottawa  
 B Rigby, Executive Director, Nunavut Research Institute (Iqaluit)  
 A Senkpiel, Academic Studies, Yukon College (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.

#### Administrative Officer

K Jendyk

#### Toronto Office: Academic Staff

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

#### Advisory Council

M Diakowsky  
 O Ilyntzkyj, PhD (Chair)  
 WR Petryshyn, PhD  
 AD Rutkowski, MA  
 J Sokolowski, MA

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

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

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

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

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

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

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

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

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

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

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

## 234.5 Canadian Institute of Ukrainian Studies

#### Director

ZE Kohut, PhD

#### Associate Director

DH Struk, PhD

#### Academic Staff

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

## 234.6 Centre for Criminological Research (CCR)

#### Coordinator

R Sliverman

**Steering Committee**

H Boritch, PhD  
 J Creechan, PhD  
 T Hartnagel, PhD  
 L Kennedy, PhD  
 R Silverman, 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.

**234.7 Centre for Experimental Sociology****Director**

WD Pierce, PhD, Sociology (University of Alberta)

**Executive Committee**

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

**Associates**

T Belke, PhD, Psychology (Mt Alison)  
 D Boer, PhD, Psychology (Federal Correction Service)  
 A Coldeway, 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)

**Student Affiliates (Graduate)**

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

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

**234.8 Centre for Engineering Research****President and CEO**

T Nasser, 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.

**234.9 Centre for Gerontology****Director and Chair of the Board**

TBA

**Administrative Assistant**

L Abraham

The Centre for Gerontology was established in 1983 as a research unit at the University of Alberta, and operates under the auspices of the

Coordinating Council of Health Sciences. The Director and a voluntary board of gerontological researchers govern the operation of the Centre.

The overall objective of the Centre is to enhance the understanding of the aged individual and of the dynamics of the aging process, by means of

- (1) fostering, conducting and coordinating research on aging;
- (2) providing and disseminating research findings to researchers, practitioners, policy makers and administrators of services to older people
- (3) encouraging the development and implementation of courses and programs in gerontology.

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

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

**234.10 Centre for International Business Studies****Director**

J Chambers, PhD

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

The objectives of the Centre for International Business Studies are to:

- (1) internationalize the content of the curriculum in the business program;
- (2) establish linkages with institutions of higher education and research institutes in other countries through student exchanges and visiting scholar programs;
- (3) communicate with the key sectors of the business community in Alberta;
- (4) engage in research activities to expand understanding of international business; and
- (5) disseminate the findings of that research to the managerial community.

**234.11 Centre for Studies in Clinical Education****Director**

P Hagler, PhD

**Executive Committee (Ex officio)**

B Bissell, MSc  
 L McFarlane, MSc  
 S Wilson, MSc  
 J Vargo, PhD

**Associate Member**

H Madill, PhD  
 J Hancock, BSc

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

**234.12 Centre for Subatomic Research****Director**

JL Pinfold, 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.

### 234.13 Developmental Disabilities Centre

**Director**  
R Sobsey, EdD  
**Editor of Developmental Disabilities Bulletin**  
J Goldberg, PhD

The objectives of the Developmental Disabilities Centre are

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

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

### 234.14 Devonian Botanic Garden

**Director**  
DH Vitt, PhD (Biological Sciences)  
**Associate Director**  
M Hickman, PhD (Biological Sciences)  
**Associate Professor**  
LS Sigler, MSc (Medical Microbiology and Infectious Diseases)

Founded in 1959, the Devonian Botanic Garden consists of 80 acres of landscaped gardens, including labelled collections of native plants, 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 from May to October; there is a small admission charge.

### 234.15 Institute of Geophysics, Meteorology, and Space Physics

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

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

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

### 234.16 Peter Jacyk Centre for Ukrainian Historical Research

**Director**  
FE Sysyn, PhD  
**Associate Director**  
S Plokhly, PhD  
**Associates**  
D Bednarsky, MA  
AJ Hornjatkevyc, PhD  
ZE Kohut, PhD  
**Editors**  
U Pasicznyk, MA  
M Yurkevich, MA

The Peter Jacyk Centre, established in 1989 at the Canadian Institute of Ukrainian Studies, sponsors research and publishing on Ukrainian history.

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

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

### 234.17 Population Research Laboratory (PRL)

#### Executive Director

J Murphy, MA

#### Research Associates

J Gartrell, PhD, Sociology  
 K Gupta, PhD, Economics  
 C Hobart, PhD, Sociology (Professor Emeritus)  
 R Ironside, PhD, Geography  
 G Jarvis, PhD, Sociology  
 L Kennedy, PhD, Sociology  
 L Kosinski, PhD, Geography (Professor Emeritus)  
 H Krahn, PhD, Sociology  
 P Krishnan, PhD, Sociology  
 K Krotki, PhD, Sociology (Professor Emeritus)  
 G Lowe, PhD, Sociology  
 S McDaniel, PhD, Sociology  
 A McKinnon, PhD, Sociology  
 W McVey, PhD, Sociology  
 M Percy, PhD, Economics  
 R Silverman, PhD, Sociology  
 E Snider, PhD, Sociology  
 F Trovato, PhD, Sociology

#### Faculty Service Officer

N Lulu, PhD

#### Research Analyst

D Odynak, MA

#### Administrator

F Russell, MA

#### Librarian

K Calvert, MLIS

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

As part of its teaching function, the PRL sponsors with Cameron Library Summer Institute on Quantitative Analysis of Social Data. The objectives of the Summer Institute are (1) to teach participants quantitative research methods; (2) to introduce them to applications in data analysis; and (3) to train them in statistical computing techniques.

Research projects carried out by PRL staff and research associates cover a wide range of areas: population studies of fertility, mortality, and migration; population projections, and analyses of demographic methods; and social surveys in the areas of quality of life, criminology, labour market dynamics, family processes, housing and public opinion. The PRL has conducted the Edmonton Area Study, a random sample survey of Edmonton adults, annually since 1977. Beginning in 1987, the Alberta Survey has collected data on public opinion across the province.

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

### 234.18 Rehabilitation Research Centre

#### Director

S Warren

Founded in 1989, the Rehabilitation Research Centre (RRC) is sponsored by the University of Alberta's Faculty of Rehabilitation Medicine,

with primary ties to the Departments of Occupational Therapy, Physical Therapy, Speech Pathology and Audiology, and the 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.

### 234.19 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 Modern Languages and Comparative Studies and the Faculty of Arts.

#### Recent and Current Programs

- (1) The programs of the various Divisions of the Institute: African-Caribbean, Canadian, Early Modern Studies, and East Asian.
- (2) "Romanticism in European Literatures"—In the series *A Comparative History of Literatures in European Languages/Histoire 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*; In the home page of the Institute an International Directory of Comparatists; a Cumulative Bibliography of

Comparative Literature; a Cumulative Bibliography of Works in the Systemic and Empirical Approach to Literature and Culture.

## 234.20 Surgical-Medical Research Institute

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See §101.2.6 of this Calendar.

## 234.21 Telecommunications Research Laboratories (TRLabs)

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### President and CEO

H Glenn Rainbird

### Director – Networks and Systems

WD Grover

### Director – Data Networking

L Dacombe

### Director – Photonics

RI MacDonald

### Director – Wireless

GD Squires

### Director – Network Access

C Klein

### University of Alberta Affiliated Academic Staff

#### Electrical Engineering

B Cockburn, PhD

J Conradi, PhD

G Cormack, PhD

C Englefield, PhD

P Goud, PhD

W Grover, PhD

J Harms, PhD

B Keyworth, PhD

W Krzymien, PhD

I MacDonald, PhD

J McMullin, PhD

#### Computing Science

A Kamal, PhD

### Vice-President Administration

LW Olsen

### Vice-President Business Development

ML Leung

### Vice President Research and Technology

GD Squires

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

- (1) **Networks and Systems Research:** survivable SONET and DS-3 network planning and selfhealing protocols; SONET network synchronization and jitter; traffic-adaptive networks; VLSI testing and floor planning algorithms; ATM congestion control; advanced multiplexing; active and variable resolution teleconferencing; new service concepts; and DS-1/DS-3 error-correcting VLSI
- (2) **Photonics Research:** high speed transmission, broadband switching, optoelectronic signal processing, optical backplane, optical sensing, and subcarrier multiplexing, hybrid integration and packaging, semiconductor devices, Er-doped fibre amplifiers and waveguides.
- (3) **Wireless Research:** channel characterization; low-power techniques; combating multipath; high speed, high quality approaches for wireless multi-media; privacy; and security; and location, tracking, navigation, guidance and dynamic allocation and reconfiguration with priority given to indoor applications
- (4) **Network Access Research:** ATM networks for multi-media applications, systems support and performance; copper; fibre and wireless access technologies; and spread spectrum; ISDN; BISDN
- (5) **Data Networking:** network simulation, object-oriented design methodologies, speech, music, image compression, ATM test bed, rapid prototyping.

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

Institute for Telecommunications Research, Communications Research Centre, Electronics Industry Association of Alberta, Software Technology Centre, and Telecommunications Research Institute of Ontario.

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

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

## 234.22 Theoretical Physics Institute

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### Director

W Rozmus

### Honorary Members

DD Betts, PhD, FRSC

LEH Trainor, PhD

### Active Members

BA Campbell, PhD

AZ Capri, PhD

ZW Gortel, PhD

W Israel, PhD, FRSC, FRS

AN Kamal, PhD

FC Khanna, PhD

HP Kunzle, PhD

M Legaré, PhD

G Ludwig, PhD

DN Page, PhD

M Razavy, PhD

W Rozmus, PhD

HS Sherif, PhD

J Stephenson, PhD

JA Tuszynski, PhD

### Associate Members

FA Baragar, PhD

W Brouwer, PhD

BL Clarke, PhD

### Emeritus Member

BV Paranjape, PhD

H Schiff, 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.

## 234.23 Water Resources Centre

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### Director

DS 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.

## 234.24 Western Centre for Economic Research

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### Director

EJ Chambers, PhD, Department of Marketing and Economic Analysis

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

The objectives of the Western Centre for Economic Research are:

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

### Publication activities are:

- (1) Western Studies in Economic Policy Series released through the CD Howe Institute,
- (2) an information bulletin series, and
- (3) Special reports on Western Canadian problems.

## 235 Alumni Association

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### 235.1 Alumni Council

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#### Executive Members and Faculty Representatives

M Van Vliet, President  
 B Anderson  
 R Beauchamp  
 J Beckett  
 E Bentley  
 J Crozier  
 M Fairhurst  
 E Gelfand  
 J Gill  
 P Graham  
 A Jacobson  
 L Malin  
 R McCullough  
 D Park  
 D Reynolds  
 C Roy  
 D Samyca  
 D Somshor-Walsh  
 G Steadman  
 J Voyer  
 L Walter  
 R Young

#### Ex Officio

N Lyotier  
 G Poston

### 235.2 Alumni Affairs

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#### Director

SN Peirce, BA

The Alumni Association, formed in 1915, counts among its members over 160,000 graduates world wide and in all walks of life. Upon graduation, without fee, every student automatically becomes a lifetime member.

Members in good standing are entitled to benefits including the following:

#### New Trail

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

#### Recreational Privileges

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

#### Reduced Insurance Rates

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

#### Affinity Card

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

#### Travel Programs

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

#### Library Privileges

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

#### University Affairs

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

#### Distinguished Alumni Awards/Alumni Wall of Recognition

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

#### Alumni Branches

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

#### Faculty Associations

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

#### Class Representatives

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

#### Reunion Weekend

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

#### Newsletter Service

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

#### Alumni Scholarships and Awards

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

#### Official Alumni Mementos

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

#### Host Family

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

#### Occupation Information Sharing Program

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

## 236 Affiliated Colleges

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### 236.1 On-Campus Colleges

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



## 236.1.1 St Joseph's College

## Academic Staff of the College

**President**

GT Smith, MA, MDiv

**Dean**

TF Hartnagel, PhD

## Philosophy

**Associate Professors**

JA Buijs, MA, PhD

BD Inglis, csb, STB, ARCT, MA, PhD, Coordinator

## Theology

**Assistant Professors**

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

PJP Flaman, BA, STD

JJ O'Callaghan, MA, PhD

RB Sheard, MA, BEEd, PhD, Coordinator

D Vervoort, ndi, MA

**Lecturers**

U Duchesneau, omi, MEd, STL

RM Hague, MEd, MTh, PhD

RM McKeon, BS, MEd, MTh

B Rice, BEEd, MRE, MA, PhD

TM Scott, csb, MA, MDiv, SSL

LJ Zdunich, BEEd, MA, MS, PhD

**Assistant to the President for Development**

C Panas

**Director of Residence**

J Thompson, csb, MDiv, MA

**General Information**

St Joseph's College was established by the Roman Catholic Church and incorporated by the Legislature of Alberta and affiliated with the University of Alberta in 1926 to provide a Catholic dimension to post-secondary education. In collaboration with the University, the College contributes to liberal education through studying the 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 University of Alberta for credit towards 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 §211 (Course Listings) of this Calendar.

**Philosophy**

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

## 236.1.2 St Stephen's College

## Academic Staff of the College

**Principal**

C Levan, MA, PhD

**Academic Dean**

WJ Close, DrTheol

**Teaching Faculty**

FA Hare, DMin

K Higgins, MDiv

B Miller, PhD

E Sharam, PhD

J Waters, MSW, MTS

**General Information**

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

**Courses Offered for University Credit**

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

**Non-Credit**

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

**Degree Courses**

The College offers graduate theological degrees: a professional Doctor of Ministry (DMin), an academic Master's Degree (MTh), Preparation in Diaconal Ministry (Diploma BTh, MTS), a Master of Theological Studies

(MTS) for lay persons, a Master of Arts in Spirituality and Liturgy, and a Master of Arts in Social Transformation Ministry. Enquiries may be directed to the office: 439-7311.

**236.2 Off-Campus College**

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

**236.3 Public Colleges and Technical Institutes**

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

**237 Associated Institutions and Agencies****237.1 Northern Health Services Program**

See §101.2.3 of this Calendar.

**237.2 Alberta Research Council****President and CEO**

BL Barge, PhD

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

RJ Fessenden, PhD

**Vice-President, Marketing**

LC Brodner

**Chief Financial Officer**

K Salmon

**Director, People Systems**

J Koehler, RN, COHN

**Director, Information Systems**

WJ Neilson, MSc

**Director, Corporate Relations**

K Beliveau, BSc

**Head, Advanced Computing and Engineering**

K Gamble, MSc

**Head, Biotechnology**

WT Leps, PhD

**Acting Head, Manufacturing Technologies**

E Bertram, PhD

**Vice-President, Development and Planning**

MP du Plessis, PhD

**Head, Energy Technologies**

DM Nguyen, MSc

**Head, Forestry**

RW Wellwood, MSc

**Head, Breakthrough Technologies**

EE Isaacs, PhD

**Head, Resources Management**

SR Moran, PhD

**Head, Environmental Technologies**

G Bird, PhD

**Head, Pulp and Paper**

P Harris, PEng, BSc

**Head, Special Projects**

ED Wallace, PhD

**Corporate Profile**

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

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

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

Today, ARC is widely recognized for its capabilities in these key areas:  
**Biotechnology:** carbohydrate research, process engineering, fermentation optimization and scale up, manufacturing including biopharmaceuticals, enzymes, and animal health products.

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

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

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

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

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

### 237.3 The University of Alberta Hospitals

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#### University Hospitals Board

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

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

DP Schurman, BCom, MHSA

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

### 237.4 The Western Board of Music

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