# General Information

221	University History and	
	Traditions 690	
221.1	Historical Sketch 690	
221.2	University Traditions 691	
221.3	University Officials 693	
222	Constitution of the University	694
222.1	Introduction 694	
222.3	The Universities Coordinating Council	694
222.5	Faculty Councils 696	
222.6	Other Administrative Offices 696	
223	University Libraries 699	
223.1	Areas 699	
223.2	University Library 700	
225	Alumni Association 700	
226	Affiliated Colleges 701	
226.1	On-Campus Colleges 701	
226.1.1	St Joseph's College 701	
226.1.2	St Stephen's College 701	
226.2	Off-Campus College 702	
226.3	Public Colleges and Technical Institutes 702	
227	Associated Institutions and Agencies 702	

## 221 University History and Traditions

## 221.1 Historical Sketch

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

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

Some two dozen major teaching and research buildings are situated on the campus as well as two affiliated colleges, six halls of residence, the Students' Union, and service buildings. Michener Park, once part of the University Farm, is a student housing area. South of 87th Avenue, on lands formerly part of the original campus, are the quarters of the Research Council of Alberta, the Provincial Laboratory of Public Health, two teaching hospitals, the Edmonton Veterans' Hospital, the Aberhart Sanatorium, the Dr WW Cross Cancer Institute, and the Northern Alberta Jubilee Auditorium. An off-campus Book and Record Depository for storage of less-used library materials was opened in 1994.

#### The Beginnings of the University

Excerpt from University Beginnings in Alberta, by RK Gordon.

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

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

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

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

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

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

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

#### Years of Challenge: 1914 to 1945

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

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

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

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

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

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

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

#### Years of Expansion: 1945 to 1969

With the end of the war, a flood of veterans poured into the University and registration rose from 2,023 in 1943–44 to a peak of nearly 5,000 in 1947– 48. Accommodation in classrooms, laboratories, and libraries was pathetically inadequate, and housing was generally even less satisfactory. Army huts only partially relieved the pressure. By 1947 student numbers had tripled from

690

pre-war figures, but full-time teaching staff did not even double. Thereafter the pace of campus development slowly increased. New wings were added to the Medical Building in 1947 and 1948; the first Students' Union Building opened in 1950, the Rutherford Library and the Engineering Building in 1951, and the Agriculture Building in 1953 (now, after enlargements and renovations, the Earth Sciences Building). The Administration Building dates from 1957.

The hectic post-war years merged into the slower growth of the 1950s. Andrew Stewart became president in 1950 and was succeeded by Walter H Johns, who served from 1959 to 1969. In that ten-year period the enrolment rose from approximately 5,000 to 17,500, as the post-war generation came to university age.

This unprecedented increase in numbers made necessary the rapid construction of new buildings during the 1960s. The Physical Education Building, the Physical Sciences Building, and additions to the Medical and Engineering Buildings were followed by the Education Building in 1963, the Donald Ewing Cameron Library, the Household Economics Building, and the new residences named after western explorers. The dining centre was named in honor of Reg Lister, who had for so many years taken care of the older residences. The Henry Marshall Tory Building was opened in 1966, Phase I of the Engineering Centre in 1968, and the Clinical Sciences Building of the Faculty of Medicine in 1969. A new Students' Union Building opened in 1967.

No major changes in the University's legal status occurred until the Act of 1966 provided for the establishment of other and separate provincial universities under a Universities' Commission, which has since disbanded.

The increasing range and complexity of subjects studied at the University was reflected in the classification of Graduate Studies as a faculty in 1957, in the division of the Faculty of Arts and Science into two faculties in 1963, and in the foundation of a number of new centres and institutes dedicated specifically to research. A School of Library Science was created in 1968; an independent Faculty from 1975 to 1991, it is now, as the School of Library and Information Studies, a unit within the Faculty of Education. Outside of Edmonton, the University's work in Calgary, instituted in 1951, gradually expanded and an affiliated junior college was established in Lethbridge. These became separate universities in 1966. Other junior colleges in Medicine Hat, Camrose, Red Deer, and Grande Prairie became affiliated with the University to help bring higher education to more areas of the province.

#### **Recent Years**

Max Wyman, the first graduate of the University to become its president, took office in 1969 and served until 1974; Harry Gunning followed from 1974 to 1979; Myer Horowitz from 1979 to 1989; and Paul Davenport from 1989 to 1994. Roderick Fraser took office at the beginning of 1995. During these years new problems arose, as a levelling of student numbers and worldwide inflation made the University's projected budgets less adequate than had been expected.

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

A growing awareness of the value, both architectural and practical, of the University's older buildings led to a decision to renovate, rather than demolish, Pembina Hall. Pembina's transformation into a fully modern graduate student residence was so successful that it earned national recognition in the form of a Heritage Canada Award. Athabasca Hall underwent an even more drastic transformation, as its wooden construction needed to be completely replaced with modern materials; the renovated building was reopened in the autumn of 1977 and received a Heritage Canada Award in its turn. A similar rebuilding of Assiniboia Hall was completed in 1982. Convocation Hall was also renovated, and a new organ installed; several recitals on this instrument have been nationally broadcast since it was inaugurated in 1978. Renovation of the Arts Building was completed in the spring of 1988.

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

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

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

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

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

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

## 221.2 University Traditions

#### The University Motto

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

De cetero, fratres, quaecumque sunt vera, quaecumque pudica, quaecumque justa, quaecumque sancta, quaecumque amabilia, quaecumque bonae famae, si qua virtus, si qua laus disciplinae, haec cogitate.

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

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

#### The Coat of Arms



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

In 1994 a new coat of arms incorporating a number of traditional symbols associated with the University or the Province, or with learning, was officially

692

granted by the Canadian Heraldic Authority. In non-technical language, it consists of the following elements:

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

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

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

Motto: Quaecumque vera.

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

#### The University Colors

The original suggestion for green and gold University colors came from Marion Kirby Alexander, who drew her inspiration from the autumn colors of the river valley below the campus. Her husband, William Hardy Alexander, Academic Costume

Professor of Classics, relayed the suggestion to the Faculty meeting of October 5, 1908. At its first meeting of October 13, 1908, the Senate approved the combination of green and gold as particularly appropriate to the new University of Alberta. The green represents wide stretches of prairie land flanked by deep spruce forests, and is symbolic of hope and optimism; the gold represents the golden harvest fields and is symbolic of the light of knowledge.

#### The University Flag

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

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

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

#### **Doctorate Degrees**

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

#### **Honorary Degrees**

Honorary Doctors of Laws (LLD), Letters (DLitt), and Science (DSc) 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.

Undergraduate Degrees		Graduate Degrees (cont'd)	
Agriculture, Forestry, and Home Economics	Grass Green	Business Administration	Silver Grey
Arts	White	Design	White
Business	Silver Grey	Education in	
Education	Royal Blue	Educational Policy Studies	Royal Blue
Engineering	Light Green	Educational Psychology	Royal Blue
Law Madising and Daptistry	Scarlet	Elementary Education     Enables on enlances de ll(ducetion)	Royal Blue
Medicine and Dentistry		Faculté Saint-Jean (Maîtrise en sciences de l'éducation)	Lavender/Blue
Dentistry Medicine	Maroon Crimson	Secondary Education     Engineering	Royal Blue Light Green
Native Studies	White	Fine Arts	White
Nursing	Crimson/White	Forestry	Grass Green
Pharmacy and Pharmaceutical Sciences	Cinnamon	Health Services Administration	Crimson
Physical Education and Recreation	Royal Blue/Gold	Laws	Scarlet
Rehabilitation Medicine	Salmon Pink	Laws Library and Information Studies	Lemon Yellow
Faculté Saint-Jean	L avender	Music	White
• BA	Lavender/White	Nursing	Crimson/White
• BEd	Lavender/Blue	Pharmacy	Cinnamon
• BSc	Lavender/Gold	Public Health	Crimson
Science	Gold	Public Management	Silver Grey
Science	0010	Science in	Silver Grey
Graduate Degrees		Agricultural Engineering	Grass Green
0		Agricultural, Food and Nutritional Sciences	Grass Green
Agriculture in		Anatomy and Cell Biology	Crimson
<ul> <li>Agricultural, Food and Nutritional Sciences</li> </ul>	Grass Green	Animal Science	Grass Green
Human Ecology	Grass Green	Applied Sciences in Medicine	Crimson
Renewable Resources	Grass Green	Biochemistry	Gold
Rural Economy	Grass Green	Biological Sciences	Gold
Arts in		Biology	Gold
Anthropology	White	Biomedical Engineering	Crimson
Art and Design	White	Botany	Gold
Classics	White	Cell Biology	Crimson
Clothing and Textiles	Grass Green	Chemical Engineering	Light Green
Comparative Literature	White	Chemistry	Gold
• Drama	White	Civil Engineering	Light Green
<ul> <li>Earth and Atmospheric Sciences (Geography)</li> </ul>	Gold	Clothing and Textiles	Grass Green
East Asian Studies	White	Computer Engineering	Light Green
Economics	White	Computing Science	Gold
• English	White	Dentistry	Maroon
Film and Media Studies	White	Earth and Atmospheric Sciences	Gold
Geography	White White	Electrical Engineering	Light Green
Germanic Languages	White	Entomology	Gold
Hispanic Literatures	White	Environmental Engineering	Light Green
History	White	Family Ecology and Practice	Grass Green
Linguistics     Modern Languages and Cultural Studies	White	Family Studies	Grass Green
Modern Languages and Cultural Studies     Music	White	Food Science	Grass Green
	White	Foods and Nutrition	Grass Green
Philosophy     Physical Education and Sport Studies	Royal Blue/Gold	Forest Science	Grass Green
Physical Education and Sport Studies     Political Science	White	Genetics	Gold
	White	Geography	Gold
Psychology     Recreation and Leisure Studies		• Geology	Gold
	Royal Blue/Gold White	Geophysics	Gold
Religion     Romance Languages	White	Health Promotion	Crimson
	White	Human Ecology	Grass Green
Slavic and East European Studies     Sociology	White	Immunology	Crimson
Sociology	white	<ul> <li>Laboratory Medicine and Pathology</li> </ul>	Crimson

**General Information Chart 1** 

Graduate Degrees (cont'd)		Pharmacy and Pharmaceutical Sciences     Physical Education and Sport Studies	Cinnamon David Dive (Cald
Science in		<ul> <li>Physical Education and Sport Studies</li> <li>Physical Therapy</li> </ul>	Royal Blue/Gold Salmon Pink
Linguistics	White	Physics	Gold
Materials Engineering	Light Green	Physiology	Crimson
Mathematical Sciences	Gold	Plant Science	Grass Green
Mathematics	Gold	Psychiatry	Crimson
Mechanical Engineering	Light Green	Psychology	Gold
Medical Genetics	Crimson	Public Health Sciences	Crimson
<ul> <li>Medical Microbiology and Immunology</li> </ul>	Crimson	Radiology and Diagnostic Imaging	Crimson
Medical Sciences	Crimson	Renewable Resources	Grass Green
Medicine	Crimson	Rural Economy	Grass Green
Meteorology	Gold	Soil Science	Grass Green
Microbiology	Gold	Speech Pathology and Audiology	Salmon Pink
<ul> <li>Mining, Metallurgical, and Petroleum Engineering</li> </ul>	Light Green	Statistics and Applied Probability	Gold
Occupational Therapy	Salmon Pink	Surgery	Crimson
Oncology	Crimson	Textiles and Clothing	Grass Green
Ophthalmology	Crimson	• Zoology	Gold
Oral Health Sciences	Maroon	Speech-Language Pathology	Salmon Pink
Paediatrics	Crimson	Visual Arts	White
Pathology	Crimson	VISUAI AILS	White
Pharmacology	Crimson		

#### General Information Chart 1 (cont'd)

## 221.3 University Officials

#### Presidents of the University of Alberta

of Alberta

1908 - 1928	Henry Marshall Tory
1928 - 1936	Robert C Wallace
1936 - 1941	William AR Kerr
1941 - 1950	Robert Newton
1950 - 1959	Andrew Stewart
1959 - 1969	Walter H Johns
1969 - 1974	Max Wyman
1974 - 1979	Harry Gunning
	Myer Horowitz
1989 - 1994	Paul T Davenport
1994 - 1995	W John McDonald
1995 -	Roderick D Fraser
~	
Chance	llors of the University
1908 - 1926	Charles Allen Stuart
1926 - 1927	Nicolas Dubois Dominic Beck
	Alexander Cameron Rutherford
	George Frederick McNally
	1928 - 1936 1936 - 1941 1941 - 1950 1950 - 1959 1959 - 1969 1969 - 1974 1974 - 1979 1979 - 1989 1989 - 1994 1995 - <b>Chance</b> 1908 - 1927 1926 - 1927 1927 - 1942 1942 - 1946

1946 - 1952 George Frederick McNally 1952 - 1958 Earle Parkhill Scarlett 1958 - 1964 Laurence Yeomans Cairns 1964 - 1970 Francis Philip Galbraith 1970 - 1974 Louis Armand Desrochers 1974 - 1978 Ronald Norman Dalby 1978 - 1982 Jean Beatrice Forest 1982 - 1986 Peter Savaryn 1986 - 1990 Tevie H Miller 1990 - 1994 Sandy A Mactaggart 1994 - 1998 Louis D Hyndman 1998 - 2000 Lois E Hole Presidents of the Students' Union 1909 - 1910 F Stacev McCall 1911 - 1912 Albert E Ottewell 1912 - 1913 W Davidson 1913 - 1914 HG (Paddy) Nolan

1914 - 1915 RC Jackson 1915 - 1916 Arthur E White Robert K Colter 1916 1916 - 1917 Katherine I McCrimmon 1917 - 1918 JH Olgilvie 1918 - 1919 PF Morecombe 1919 - 1920 C Reilly 1920 - 1921 AD McGillivary 1921 - 1922 HR Thornton 1922 - 1923 Robert L Lamb 1923 - 1924 John A McAllister 1924 - 1925 Mark R Levey (Marshall) 1925 - 1926 Percy G Davies 1926 - 1927 Ernest B Wilson 1927 - 1928 DJ Wesley Oke 1928 - 1929 Anna Wilson 1929 - 1930 Donald Cameron 1930 - 1931 AD Harding 1931 - 1932 ME Manning 1932 - 1933 Arthur Wilson

- 1933 1934 Hugh Arnold
- 1934 1935 Arthur Bierwagen

1935 - 1936 Edward E Bishop 1936 - 1937 Bill Scott 1937 - 1938 Arch McEwan 1938 - 1939 John A Maxwell 1939 - 1940 JP Dewis 1940 - 1941 Jack Neilson 1941 - 1942 Bob MacBeth 1942 - 1943 Lloyd Grisdale 1943 - 1944 Gerry Amerongen 1944 - 1945 Alf Harper 1945 - 1946 Ron Helmer 1946 - 1947 Willard (Bill) Pybus 1947 - 1948 George Hartling 1948 - 1949 Bernard J Bowlen 1949 - 1950 Tevie Miller 1950 - 1951 Michael O'Byrne 1951 - 1952 E Peter Lougheed 1952 - 1953 Edward Stack 1953 - 1954 WA Doug Burns 1954 - 1955 Robert J Edgar 1955 - 1956 John D Bracco 1956 - 1957 John N Chappel 1957 - 1958 Robert F Smith 1958 - 1959 Louis D Hyndman 1959 - 1960 John V Decore 1960 - 1961 Alex F McCalla 1961 - 1962 Peter S Hyndman 1962 - 1963 David E Jenkins 1963 - 1964 A Wesley Cragg 1964 - 1965 Francis M Saville 1965 - 1966 Richard T Price 1966 - 1967 Branny Schepanovich 1967 - 1968 AI 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 - 1997 Garett Poston 1997 - 1998 Stephen Curran 1998 - 1999 Sheamus Murphy Michael Chalk 1999 -

General Information

#### Presidents of the Graduate Students' Association

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Ы	Preside	nts of the Graduat
nformatio	1964 - 1965	WT Painter
a	1965 - 1966	Dave Grudon
3	1966 - 1967	Peter Boothroyd
	1967 - 1968	John Towler
<u>,</u> 0	1968 - 1969	Richard Watson
Ę	1969 - 1969	
—	1969 - 1970	Bob Newall
F	1970 - 1971	Orman Granger
2	1971 - 1972	John Hoddinott
e	1972 - 1973	Mohammed Adam
eneral Ini	1973 - 1974	
Å.	1974 - 1975	Susan Therrin
Ċ	1975 - 1976	
		John Cherwonogrodzky
	1977 - 1978	
	1978 - 1979	
		George McCourt/Myron Olekiw
	1980 - 1981	
		Patricia Whiteley/Niall Shanks
	1982 - 1983	
		Richard Jehn
		Gary Genosko
	1985 - 1986	
		Annette Richardson
		Florence Glanfield
		Dwayne Barber
	1989 - 1990	
		Stephen Downs
		Stephen Downs
	1992 - 1993	
		Frank Coughlan
		Kimberley Krushell
	1995 - 1996	
		Gordon Squirell
	1997 - 1998	
		Kimberly Speers
	1999-	Laura Bonnett

#### 222 Constitution of the University

#### Introduction 222.1

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

#### 222.2 Reserved

#### The Universities Coordinating Council 222.3

#### 222.3.1 **General Information**

The Universities' Coordinating Council consists of the following representatives of each university in Alberta: the President, the Vice-President (Academic) and Vice-President (Finance), 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.

#### The Chancellor

Chancellor of the University LE Hole, CM

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

#### The President and Vice-Chancellor

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

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

#### The Vice-Presidents

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

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

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

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

#### The Board of Governors

Chair FP Newell Vice-Chair, LE Malin

Members

**Statutory Members** LE Hole, CM, Chancellor of the University RD Fraser, BA, MA, PhD, President of the University

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

Senate Representative to the Board J Cosco

Academic Staff Representatives W Allegretto, BASc (Electrical Engineering), PhD Vacant

Non-Academic Representative I Achtem

Student Representatives M Chalk, SU President I Bonnett GSA President J McNulty, Student Representative

**Public Representatives** 

F Barth, CA, FCA R Grieve, PEng 0 Lennie, BA J Mah, BA, LLB, QC D Mazankowski, LLD (Rt Hon), PC, DEng O Minsos, BSc, MBA, LLB, QC EP Newell, BSc, MSc, LLD, PEng, FCAE C Roozen, BComm J Stanford, BSc

#### Board Secretary

L Shulko

The Board of Governors is a corporation with the name "The Governors of The University of Alberta." It consists of a Chair appointed by the Lieutenant-Governor in Council, the Chancellor, the President, and 17 other persons appointed by the Lieutenant-Governor in Council. Of the 17, two are members of the Alumni Association nominated by the Association, one is a member of the Senate nominated by it from those of its members who are not on the University Staff, two are members of the academic staff nominated

General Information

695

by the General Faculties Council, one is a member of the non-academic staff nominated by the non-academic staff, one is a student nominated by the Graduate Students' Association, two are students nominated by the Students' Council, and eight are appointed as representatives of the "general public."

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

#### The Senate

#### **Ex officio Members**

Chancellor of the University LE Hole, CM

President of the University RD Fraser

Vice-President (Academic) DR Owram

Dean of Students HW Connor, PhD

Dean, Faculty of Extension R Garrison

President of the Alumni Association L Walter

Vice-President of the Alumni Association R Young

#### **Appointed Members**

Appointed by Deans' Council R Peter C Tardif Appointed by the Board of Governors I Achtem Vacant Appointed by General Faculties Council F Khanna I Francescutti T Keating Appointed by the Alumni Association M Fairburst D Somshor Walsh Appointed by the Minister of Advanced Education A Barrette J Battv 1 Cosco J DoBush A Koshal R Saunder S Schmold D Sieben G Tagg Appointed by Students' Union L Church T Poon

S Pysklywyc

L Teasdale

Appointed by the Graduate Students' Association L Bonnett

Non-Academic Staff appointed by the Minister of Advanced Education T Churchill P Mash

#### **Elected Members**

**J** Agrios S Ahmad G Andres D Rellow S Blade D Carter D Eiserman W Erasmus R Fong E Goodall G Harris **R** Harris I Huebscher S letha E Johnson W Kinsella Y Lemay D Lorieau G MacDonald S Machura S Murray A Nawata I Nicolson G Quellet **G** Porteous **C** Prentice D Redgate M Skelley S Stiles **R** Vermillion

#### **Executive Officer**

SL Kereliuk, BPE, MA

The Senate is an advisory body which acts as a bridge between the University and the public. 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 of whom are appointed from the public by the Minister of Advanced Education.

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

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

#### **General Faculties Council**

#### Ex officio Members

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

#### **Elected Members**

46 members elected by and from the faculty

#### Statutory Student Members

2 Undergraduate students 1 Graduate student

#### **Appointed Members**

3 Members of the non-academic staff 3 Librarians 2 Representatives of the academic staff on the Board of Governors, 1 representative of the non-academic staff on the Board of Governors and <del>2</del>3 student representatives on the Board of Governors

2 Sessionals/Other Termporary Appointments 2 Administrative and Professional Officers/Faculty Service Officers The President of the AASUA The President of St Joseph's College Dean of Students Appointed Graduate Student Members (10) Appointed Undergraduate Student Members (36)

Secretary EA Schoeck, BA (Hons), MA

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

#### Deans' Council

#### EA Schoeck, BA (Hons), MA, Secretary

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

## 222.5 Faculty Councils

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

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

## 222.6 Other Administrative Offices

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

DR Owram, PhD, Vice-President (Academic) and Provost BP Dancik, PhD, Associate Vice-President (Academic) AM Decore, PhD, Associate Vice-President (Academic) FW Trehearne, BEd, Associate Vice-President (Academic Administration) B) Silzer, MEd, Associate Vice-President (International) G Bamber, Academic Personnel Officer (Academic Administration) M Haggarty-France, BA, Executive Assistant BJ Hoyem, Academic Personnel Officer (Academic Administration) K Moodie, BSc, Budget Analyst LA White, Academic Personnel Officer (Academic Administration) Office of the Vice-President (Einance and Adm

#### 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, Executive Director, Business Affairs E Ingles, BA, MA, MLIS, Associate Vice-President (Learning Systems) W Wettlerberg, BA, Associate Vice-President (Human Resources) N Merali, CMA, Associate Vice-President (Finance)

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

RS Smith, PhD, Vice-President JW Murray, PhD, Senior Associate Vice-President (Partnerships and Innovation) S Green, BA, Associate Vice-President (External Affairs) WA McBlain, PhD, Associate Vice-President (Research) PK Robertson, PhD, Associate Vice-President (Research/Industry Relations) and Director, Industry Liaison Office L Elliott, CFRE, Associate Director, Public Affairs, Office of External Affairs B Hestbak, BA, Associate Director, Marketing & Communications, Office of External Affairs V Hoey, CFRE, Acting Director of Development C Mead, MEd, Director, Research Grants Office SN Peirce, BA, Director, Office of Alumni Affairs J Ikvait, MA, Director, Office of Alumni Affairs J Ikvait, MA, Director, Government Relations ME Enzle, PhD, Research Coordinator (Human Research Policies) BG Kratochvil, PhD, Senior Advisor KE Moore, PhD, Executive Assistant DH Neil, BVSc, University Veterinarian DC Norwood, MA, Special Assistant

#### **Computing and Network Services**

M Byrne, MSc, Director S Thornton, Manager, Technology Planning & Budgets KJ Switzer, Manager, Services Operations G Carmichael, Manager, Client Services B Kazemir, Manager, Administrative Applications Support

#### Alumni Affairs

S Peirce, BA, Director C Graham, BSc, MEd, Manager, Alumni Constituencies S Stosky, BA Assistant Branches and Constituencies W Pei, BA, Coordinator, Alumni Services R Pilger, Communications Coordinator; Editor, *New Trail* J Litwin, BSc, Associate Editor, *New Trail* A Miles, Receptionist/Secretary, Alumni Services J Reinprecht, Administrative Assistant G Wheatcroft, BEd, Manager, Alumni Branches T Salmon, BSc, MSc, Coordinator, Alumni Special Events J Whalen, Assistant, Alumni Special Events J Vhalen, Assistant, Alumni Special Events J Donald, BA, MA, PhD, Project Coordinator R Sherman, Executive Secretary

#### Budget and Statistics

WD Cairns, MSc, Director DM Quigg, MA, Budget Planning Analyst

#### **Campus Security Services**

BK McLeod, Director S MacGregor, Office Administrator J Newman, LAN Coordinator

#### **Financial Services**

M Coutts, BCom, CA, Director R Ritter, BCom, CA, Associate Director and Treasurer M Pearce, CMA, Associate Director Reporting and Accounting J Groleau, BBA, CMA, Staff Accountant L Howell, CA, Chief Accountant B McLean, BA, Coordinator, Fees and Accounts Receivable Manager, Production Support Services (Fees, A/R, Cashier) P Poon, BCom, Treasury Manager B Boytang, BCom, CGA, Manager, Special Funds and Research Accounting G Sledz, BEd, Special Funds and Research Accounting E Wood, BEd, Special Funds and Research Accounting

#### Health Knowledge Network (HKN)

D Jacobson, BA, MLIS, General Manager

#### Housing and Food Services

D Bruch, BA, Director D Utgoff, Associate Director W Saunders, Office Manager D Lipinski, Senior Housing Manager

#### Human Resource Services

W Wetterberg, BA, CHRP, Associate Vice-President (Human Resource Services)

Administrative Services and Information Systems B O'Dwyer, Manager Campus Security Services

BK McLeod, BA, CPC, Director

**General Information** 

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

Employee Relations and Employment Services C Caskey, CHRP, Senior Advisor, Recruitment and Selection H King, BComm, CCP, Senior Advisor, Job Evaluation and Compensation G Schmalz, BA, LLB, Senior Advisor, Employee Relations

#### Environmental Health and Safety

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

Individual and Organizational Effectiveness D Charlton, BA, MSc, Director L Burnett-Murphy, MEd, BEd, Advisor, Learning Initiatives S Leonard, BA, IROEP, Advisor, Organization Effectiveness M McLennan, BScN, MEd, CHE, Coordinator, Workplace Wellness

#### **Industry Liaison Office**

K Adachi, PhD, Technology Manager A Augis, Executive Secretary B Albrecht, Contracts and Office Manager J Baier, Legal Assistant A Bayley, Financial Administrator V Carlson, Administrative Assistant K Colton, Contracts Administrator R Harrison, PhD, Manager, Strategic Partnerships and Networks J Herst, Contracts Officer J Kumar, BSc, MSc, MBA, Technology Management W Lam, PhD, Technology Manager L Lindemann, Contracts Assistant DC Norwood, BA (Hons), MA, Communications Manager AB Oreski, BSc, MBA, Manager, Biomedical Technology T Percheson, Communications Assistant J Preston, BSc, Associate, Biomedical Technology Transfer PK Robertson, PhD, Associate Vice-President (Research/Industry Relations) and Director B Service, IP and Legal Administrative Assistant L Woollard, BSc (Pharm), LLB, Legal Counsel, Technology Commercialization

#### Internal Audit Department

RJ Lindberg, CA, Acting Director MC Lai, BCom, CMA, Internal Auditor S Poon, Staff Auditor S Gasson, BBA, CA, Internal Auditor I Simpson, System Auditor

#### Learning Systems Enterprises/University Information Enterprises

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

#### **Museums and Collections Services**

J Andrews, MSc, Director

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

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

University of Alberta and Artifact Collection J Corrigan, MVA, Curator T Hunter, Collections Assistant

#### **NEOS Library Consortium**

P Rennick, BEd, MLIS, Manager

#### **ONEcard Office**

J Younk, B Mgt, Manager A Jacobsen-Frazer, Administrative Assistant J Laws, BA, Customer Service Coordinator Health Knowledge Network (HKN)

D Jacobson, BA, MLIS, General Manager

#### University Archives and Information and Privacy Office

BE Corbett, BA (Hons), MA, CSP, CA, University Archivist J Franks, BA, MA, Assistant Archivist K Warner, BA Bed, Archives Assistant

#### Information and Privacy Office

BE Corbett, BA (Hons), MA, CSP, CA, FOIPP Coordinator

#### **University Press**

A Brownoff, Design and Production C Crooks, Sales and Marketing ML Mahoney-Robson, Editor Y Sekiya, Customer Service L Vermeer, Managing Editor Vacant, Director

#### Physical Plant

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

#### Planning and Development

JA Dykes, BArch, AAA, MRAIC, Director GT Ballash, BSc, PEng, Senior Project Engineer TM Brockelsby, BES, Planning Officer EM Dechert, BES, BArch, AAA, FRAIC, Senior Planning Officer WA Hansen, BSc, BEd, Space Planning Officer AW Palmer, BArch, MRAIC, Senior Development Officer E Sumbar, BSc, PhD, PEng, Computer Facilities Manager DJ Voigt, BA, BArch, AAA, Project Officer

#### **Public Affairs**

L Elliott, BEd, Associate Director B Hestbak, BA, Associate Director, Marketing & Communications L Ciccocioppo, BA, MA (Journalism) Editor Folio C Doucette, Public Relations Assistant, Folio Ads J Goldsand, BA, Public Affairs Officer S Halme, BA (Journalism) Media Relations Manager R Armstrong, BA, Media Relations Officer R Pavelich, University Web Manager G McMaster, MA, Assistant Editor Folio B Briggs, Public Affairs Assistant M Pannack, BA, Media Relations Officer F Jaffer, Administrative Assistant

#### **Real Estate Services**

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

#### Office of the Registrar and Student Awards

BJ Silzer, BSc, BEd, MEd, Associate Vice-President and Registrar M Beharry, BSc, Administrative Professional Officer (OASIS Project) K Bower, BA, Administrative Professional Officer (Special Projects) CP Byrne, BA, MBA, Associate Registrar and Director of Admissions R Chilibeck, BEd, Director of Student Awards F DeCoteau, BA, Associate Registrar and Director of Records S Gibson, BSc, Associate Registrar and Director of Administrative Systems C Howman, BA, MA, Assistant Registrar, Special Registrations S Kalin, BA, Assistant Registrar/Liaison and Recruitment LM Pashniak, BA (Special), Assistant Registrar/Communications

General Information

A Schmude, BA, Assistant Registrar/Examinations and Timetabling DVE Sheikh, BA, Assistant Registrar/Records LM Taylor, BA, Assistant Registrar/Admissions

#### **Research Grants Office**

CM Mead, MEd, Director SK Baker, Administrative Coordinator LL Brulotte, BA, Collaborative and Infrastructure Programs Liaison EA MacKenzie, Senior Grants Advisor S Ozar, BSc, MLIS, Data Analysis and Outreach Advisor T Mills, BA (Hons), Manager, Data Analysis and Outreach WC Lam, BSc, Internet Programmer G Bell, Grants Advisor B Netzel, Grants Administrator S Jin, Systems Analyst/Database Administrator

#### Supply Management Services

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

#### University of Alberta International

B Stevenson, Associate Vice-President (International) S Bandali, Communications Officer J Wigmore, Financial Assistant

#### International Centre

B Caldwell, Director K Achaibar-Morrison, Foreign Student Programs Officer G Mazzotta, Exchange Advisor N Hannemann, Global Education Coordinator R Pugh, Information and Publications Assistant C Carvajal, Education Abroad Publicity and Volunteer Adminstrator J Soltice, Education Abroad Program Assistant S Schultz, Office Manager B Tonge, Education Abroad Coordinator D Weir, Foreign Student Services and Programs Coordinator

International Programs

T Mackey, Director L Constantine, Manager B Motyka, Coordinator

International Relations R McDonald, Director L Clare, International Relations Officer (Asia) R Mitchell, International Relations Assistant O DeJongh, International Relations Assistant Y Fei, International Relations Assistant R Khan, International Relations Officer (US and Europe)

#### **University Student Services**

#### Dean of Students

HW Connor, PhD

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

Office of the Dean of Students HW Connor, PhD, Dean of Students W Coffin, Associate Dean of Students K Friese, BCom, Projects and Funding Officer PJ Kleiber, Office Manager N German, Northern Student Services Advisor RD Steadward, PhD, Fraternity Advisor

Career and Placement Services (CaPS) W Coffin, Director A Arca, Financial Records Clerk

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

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

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

Native Student Services L Cardinal, BA, BSc, Coordinator B Jones, MA, Coordinator, Transition Year Program A Wolfe, BA, BEd, Coordinator, Retention Strategies and Services D Ward, Coordinator, Administrative Services

Student OmbudService N Sharpe, BA (Hons), MA, Director

Student Counselling Services B Lamb, Office Manager H Saslove, PhD, Director

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

Sexual Assault Centre K Fowler, BA, Director C Westgate, BA, Volunteer Coordinator

#### Student Financial Aid and Information Centre

E Schulz, BA, Director, Emergency Aid Funding I Spelliscy, BA, Director, Financial Information S Kirsch, Emergency Aid Funding A Valentine, Emergency Aid Advisor S Mackay, BA, Emergency Aid Advisor E Schulz, BA, Director, Emergency Aid

University Health Centre G McInroy, MB, ChB, DRCOG, Director TB Stelfox, MD, Physician, Assistant Director WP Thorbourne, SBus Admin, Administrator JH Hancock, BEd, Peer Health Education Coordinator RH Drebit, FRCPC, Psychiatrist A Russell, MD, Physician N Cheng, MD, Physician M Wanigaratne, MD, Physician J Tankel, MD, Physician G Frauenstein, MD, Physician H McWhirter, RN, Nurse M McKay, RD, Registered Dietician N Alnuaimi, BSc, MSc, Pharmacist

#### **Technical Resource Group**

JE Ross, BSc, Director BR Hestbak, Associate Director, Communications and Marketing JB Acheson, Classroom Support Services, Manager RAU, Graphic Design and Photography Services, Manager NS Carlson, Administrative Support, Supervisor MP Connors, Scientific Glassblowings, Specialist Technician M Lee, Imaging Centre, Supervisor E Szymanski, Machine/Fabricating Shop, Coordinator Vacant, Computer and Lab Equipment Services, Supervisor

#### University Archives and Information and Privacy Office

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

Information and Privacy Office BE Corbett, BA (Hons), MA, CSP, CA, FOIPP Coordinator

#### **University Bookstore**

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

#### **University Design Inc**

G Mattheys, Marketing and Licensing Director

#### **University Information Enterprises**

J Andrews, MSc, Director

#### **University Press**

A Brownoff, Design and Production C Crooks, Sales and Marketing R Janzen, Editorial/Production Intern ML Mahoney-Robson, Editor

Y Sekiya, Press Secretary, Customer Service L Vermeer, Managing Editor and Administrative Assistant

#### **University Secretariat**

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

#### University Teaching Services

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

## 223 University Libraries

#### Administration

Director of Library Services and Information Resources K Adams, BA (Honors), MLS

Associate Director (Administration and Facilities) T James, BA, BLS

Associate Director (Finance and Personnel) K DeLong, BA, MLS, MPM

Financial Systems and Analysis Head MJ Romaniuk, BComm

#### **Bibliographic Services**

Associate Director (Bibliographic Services) M Distad, BA, MA, PhD, MLS

Librarians K Carter, BA, BLS L Chor, BSoc Sci, MLS S Marshall, BEd, MLS R Traichel, BA, MA, MLS K Wilson, BA, MLS Financial Systems and Analysis Head D Fung

## 223.1 Areas

#### **Bibliothèque Saint-Jean**

Associate Director (Liberal Arts and Social Sciences) D Dancik, BA, MLS, MEd

Bibliothécaire en chef J Henley, BA, BLS

Bibliothécaire J Girouard, BA, MLS

#### Herbert T Coutts (Education) Library

Associate Director (Liberal Arts and Social Sciences) D Dancick, BA, MLS, MEd

Head, Public Services J Tong, BA, BLS, BEd, MEd

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

Librarians J Colter, BA, MLS P Rempel, BA, BLS I Scott, BEd, MLS

#### Humanities and Social Sciences Library

Associate Director (Liberal Arts and Social Sciences) D Dancik, BA, MLS, MEd

Collections Development Librarian F Ziegler, BA, MLS

Servals and Microform Specialist M McClary, BA, DipEd, MLS Data Library C Humphrey A Bombak, BA, MLS Librarians P Figueroa, BA, BSL, MLS I Hooper, BA, MLS F Malsbury, BA, MEd, MLS, Prof Teaching Cert M May, BMus, MLS E Radenovich-Banski, BA, MA, MLIS F Russell, BA, MLS

#### Winspear Business Reference Room

Business Librarian KWest, BA, MLS Librarians M Beristoin, BEd, MLS J Williamson, BA, MLIS

#### Bruce Peel Special Collections Library

Special Collections Librarian JW Charles, AB, MLS Librarian JM Green, BA, MLS Conservator C Poon

#### Information Technology Services

Associate Director (Information Technology Resources and Services)  ${\sf JD}$  Poff,  ${\sf BA}, {\sf MA}, {\sf MLS}$ 

Technical Operations Manager A Darnell, BA, MA, MLS

Librarian E Howe, BEd, MLS

#### John A Weir Memorial Law Library

Associate Director (Liberal Arts and Social Sciences) D Dancik, BA, MLS, MEd

Librarians B Burrows, BSc, BLS W Quoika-Stanka, BA, MA, MLS MB Storozuk, BA, BLS

#### John W Scott Health Sciences Library

Associate Director (Science and Health Libraries) M Law, BA, BEd, MLS, MBA

Collections Coordinator J Buckingham, BA, MLS

Librarians M Dorgan, BA, MLS L Seale, BA, MLS S Shores, BA, MLS L Slater, BEd, BA, MLS

#### Science and Technology Library

Associate Director (Science and Health Libraries) M Law, BA, BEd, MLS, MBA

Collections Coordinator DL Jones, BSc, MLS

Science/Technology Special Collection J Heilik, BA, BLS

Librarians S Campbell, BA, MLS J Kowalyk, BA, MLS S Moysa, BA, BLS RP Reichardt, BSc, MLS P Ryan, BA, MUS

#### William C Wonders Map Collection

Head M Law, BA, BEd, MLS, MBA

# **General Information**

## 223.2 University Library

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

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

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

The Bruce Peel Special Collections Library is located on the lower level of Rutherford South. This collection of approximately 100,000 volumes houses the University's rare books in the humanities and social sciences. It also includes some literary manuscripts, Western Canadian papers, and the archival collection of all the University of Alberta theses and dissertations. Major holdings in English literature include John Bunyan, John Milton, DH Lawrence, 18th century plays, and three-decker novels with emphasis on the Minerva Press. Western Canadiana is another collection area, as is 20th century fine printing from England, the United States, and Canada. Special Collections also houses the Javitch collection of North and South Amerindian materials.

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

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

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

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

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

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

## 225 Alumni Association

#### Alumni Council

Executive Members and Faculty Representatives L Walter, President **B** Anderson G Barr **B** Bentley R Boissonnault J Cooley G Devine M Fairhurst P Graham **R** Innes D Irwin H Juergens L Malin S Muirhead M Scott K Smilski D Somshor-Walsh S Thorkelson A Tupper M Wacko R Weisenburger C Wilson R Young G 7enith Ex Officio S Green I Cho M Chalk Director

SN Peirce, BA

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

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

#### New Trail

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

#### **Recreational Privileges**

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

#### **Reduced Insurance Rates**

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

#### Affinity Card

Special financial services, including an affinity credit card, are available to alumni and students. The affinity card is a unique way to contribute to the University.

#### **Travel Programs**

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

#### Library Privileges

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

#### Association and University Affairs

Your perspective is valuable. As a member, you can be involved in University government by being elected to Alumni Council as a Faculty Representative or a Member at Large. As the governing council of the Association, members stay informed on all aspects of the University and initiate projects that enhance the acknowledgement and success of both alumni and current students on campus and off. Members of Alumni Council may also be named to various University bodies including the Senate and the Board of Governors.

http://www.ualberta.ca

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

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

#### Alumni Scholarships and Awards

In addition to conferring its Distinguished Alumni Awards, the Association sponsors scholarships for future alumni (undergraduate and graduate students) and presents special recognition awards to outstanding alumni. The recently expanded alumni awards program includes Alumni Awards of Excellence, which recognize major achievements in the previous year; the Alumni Horizons Awards, which celebrate the achievements of alumni early in their career; and the Alumni Recognition Awards, which recognize the significant contributions made over a number of years by University of Alberta alumni in their local communities and beyond. In addition to other Association scholarships, Alumni Council members have initiated a new Millenium Scholarship program, which grants a scholarship to a deserving graduate and undergraduate student annually.

#### **Alumni Branches**

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

#### **Faculty Associations**

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

#### **Class Representatives**

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

#### **Reunion Weekend**

Organized annually by the Association. You're invited. And if you're about to celebrate your 10th, 15th, 20th or more anniversary of graduation, we'd be happy to help organize a class reunion.

#### **Newsletter Service**

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

#### **Official Alumni Mementos**

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

#### Host Family

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

## 226 Affiliated Colleges

## 226.1 On-Campus Colleges

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

#### 226.1.1 St Joseph's College

#### Academic Staff of the College

President T Scott, csb, BA, MA, MDiv, SSL, STD Academic Dean

TF Hartnagel, BA, MA, PhD

#### Philosophy

Associate Professor JA Buijs, MA, PhD

#### Theology

Associate Professor PJP Flaman, BA, STD

Assistant Professors RB Sheard, MA, BEd, PhD D Vervoort, ndl, MA (Professor Emeritus)

Lecturers D Bittner, csb, BS, MDiv, MA R Davis, Mathias, BA, MA, PhD K Doyle, BEd, BRE, MRE ML Cranston, cnd, BSc, BEd, BPh, STL, STD J Gallagher, csb, BA, MA, STB, STL, STD RM Hague, MEd, MTh, PhD D0 Lamoureux, MDiv, MCS, DDS, PhD, PhD RM McKeon, BS, MEd, MTh T Oosterhuis, BA, BDiv, ThD R Wanner, BA, BEd, MRE, MRE, MAS

Assistant to the President for Development C Panas

Director of Residence P Fulton, csb, BA, MDiv

#### **General Information**

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

#### Courses Offered for University Credit

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

#### Christian Theology

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

#### Philosophy

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

#### 226.1.2 St Stephen's College

#### Academic Staff of the College

Principal C Levan, MA, PhD Academic Dean

E Sharam, MA, DPhil

Teaching Faculty W Anderson, BA, BTh, MDiv, PhD L Ervin, BGS FA Hare, DMin R Laplante, BEd, BTh, MRE, DMin K Lund, BSc, MDiv, LTS

#### General Information

St Stephen's College, an undergraduate and graduate theological school of the United Church of Canada, established by Provincial Charter, has been

General Information

affiliated with the University since 1908 and works on a broadly ecumenical basis, integrating faith and theology with practice and experience.

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

By an arrangement with the University, courses in Biblical Literature, Christian Theology, and Faith Development taught in St Stephen's College are open to students of the University for credit toward the Bachelor of Arts degree, or as Arts options open to students in other Faculties. For information about courses offered, see §201, Course Listings.

#### Non-Credit

The College provides a variety of short-term, non-credit courses and lectures of a professional and interdisciplinary nature for professional church workers and laity, and 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 (BTh, MTS), a Master of Theological Studies (MTS) for lay persons, a Master of Arts in Spirituality and Liturgy, and a Masters of Arts in Pastoral Psychology and Counselling. Enquiries may be directed to the office (780) 439-7311.

## 226.2 Off-Campus College

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

## 226.3 Public Colleges and Technical Institutes

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

## 227 Associated Institutions and Agencies

#### Northern Health Services Program

See §91.2.3.

#### Alberta Research Council Inc

Managing Director and CEO

JR McDougall Chief Financial Officer

K Salmon

Vice President, Agriculture, Bioscience & Health Technologies D du Plessis, PhD

Vice President, Energy Technologies P Jamieson

Vice President, Forest Technologies M Wilson, PhD

Vice President, Industrial Processes & Services P Layte

Director, Technology Commercialization Office K Beliveau, BSc

Director, Corporate Relations C Forster, BSc

Director, Human Resources W Gut, CA

Manager, Advanced Systems Applications D Nguyen, PhD

Business Development Managers, Agriculture, Bioscience & Health Technologies W Leps F Qureshi Manager, Analytical Chemistry D Smillie, PhD Manager, Biotechnology M Best Vice President and General Manager, C-FER Technologies Inc. M Nessim Manager, Carbohydrate Research M Gray Manager, Crop and Plant Management P Sharma Business Development Manager, Energy Technologies D Wallace Manager, Environmental Technologies P Layte, BSc/MSc Manager, Flow and Sensor Technologies (FAST) **R** Ridley Manager, Forest Products R Wellwood, MSc/PEng Manager, Forest Resources D McNabb, PhD Business Development Manager, Forest Technologies R Chow Manager, Fuels & Lubricants B Rebus, BSo Manager, Health Informatics P Sargious Manager, Heavy Oil and Oil Sands F Isaacs, PhD Business Development Manager, Industrial Processes & Services M Curtis Manager, Industrial Development L Beres, PEng Manager, Manufacturing Technologies P Layte Manager, Pulp and Paper G Leary, PhD Manager, Strategic Planning and Development G Bird Manager, Toxicology R Coppock, PhD/DVM Director, Strategic Development, ZiMARC P Lukomskyj Alberta Research Council Inc. (ARC) develops and commercializes technologies to give customers a competitive advantage. The corporation performs applied research and development on a contract or fee basis, and co-ventures with others to develop new technologies, deriving a return on investment from the commercialization of new products and services. ARC is

#### Agriculture, Bioscience and Health Technologies

well known for its work in the following areas:

- Integrated pest, disease and weed management, development of diagnostic tools and control agents to reduce crop losses, and development of new strains of crops to increase productivity
- Scale up and manufacture of biotechnology-based products including vaccines to improve animal health
- Synthesis of novel carbohydrates for diagnostic and therapeutic application
- Application of advanced computer and telecommunications technology to the more effective and efficient delivery of health information and knowledge
- · Decision support through data analysis and mining
- Web-based systems architecture and software design
- Livestock identification and tracing throughout the food processing chain

#### **Energy Technologies**

 Conventional and heavy oil recovery and production technologies, reservoir management processes and protocols, novel downhole and surface oilfield equipment, specialty sensors and instrumentation

- Oil sands upgrading technologies for improved recovery and cost efficiency
- Pipeline maintenance planning
- Non-conventional energy production

#### **Forest Technologies**

- Engineered wood products, improved pulping and papermaking processes and alternate fibre sources
- Sensors and process control systems to improve plant efficiency and cost effectiveness
- Remote sensing, geomatics and modeling to support and enhance the sustainable management and use of forest and wildlife resources

#### **Industrial Processes and Services**

- Research to understand and mitigate the impact of industrial activities on air, water and land resources, including climate change, greenhouse gases and CO<sub>2</sub> management strategies
- Clean process and waste minimization technologies
- Advanced environmental analysis and toxicology
- Advanced materials applications and testing
- · Specialty analytical services
- Development and commercialization of specialized ceramic materials and component parts for use in high-performance electronic devices
- Industrial engineering, automation and rapid response manufacturing

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

#### The University of Alberta Hospital

Chair N Wilkinson Board Members D Bell P Bidlock DJ Hook AW Huntley LA Mabbott ME Plain KM Polowick J Ramsey LG Young

The University of Alberta Hospital operates under the Capital Health Authority (CH), one of 17 regional health authorities in Alberta. CH serves a population of 775,000 from Edmonton, St Albert, Leduc and Strathcona County, as well as patients from across Alberta in various specialized programs. CH is responsible for all acute care, public health, home care and long-term care in the region.

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

703