



Faculty Facts

Size and scope:

- Established 1913, housed in eight campus buildings
- 20 departments, 7 Faculty divisions, and 13 research groups, 27 centres and institutions, 8 national networks of Centres for Excellence
- Over 800 fulltime faculty; over 1100 clinical faculty; over 140 externally funded faculty; nearly 300 support staff; approximately 700 trust-funded support staff
- Over 1200 undergraduate students, more than 580 graduate students, nearly 150 post-doctoral fellows, over 770 medical residents in more than 50 residency programs, and over 65 clinical fellows
- Presently graduates 144 medical students and 34 dental students, 44 dental hygiene and 18 med lab sciences students annually

Research:

- Receives \$182 million in sponsored research funding, approximately 40% of University total
- 21 Royal Society of Canada members; 6 Order of Canada recipients; 2 Royal Society of London members;
- Recipient of over \$8 million in Canada Foundation of Innovation awards
- Canadian Institutes of Health Research grant approval ratings well above national average; receives approximately \$30 million annually
- Supported by the Alberta Heritage Foundation for Medical Research, a provincial health funding agency unique in Canada; over \$15 million in annual funding provided
- Areas of strength include: cardiovascular disease, lipids and lipoproteins, neuroscience, oncology, viral research, development of drugs and anti-microbial agents, protein structure, function and design, burns/wound healing, immunology and transplantation and islet cell transplantation/diabetes
- 10 recipients in the Faculty of the University's top research award, the J Gordin Kaplan Award for Excellence in Research
- 4 Howard Hughes Medical Institute International Research Scholars, a prestigious international research honour
- 13 professors received provincial ASTech Awards for excellence in scientific research
- 2 recipients of the top medical research award for drug discovery in Canada, the Prix Galien Gold Medal
- 141 external salary awards as of March 2008: 92 from the Alberta Heritage Foundation for Medical Research (AHFMR), 39 from the Canadian Institute of Health Research (CIHR) and 10 from other funding agencies
- Home to comprehensive imaging centre, including NMR, PET, MRI and vascular biology
- Home to 27 centres and institutes: Alberta Asthma Centre, Alberta Cardiovascular & Stroke Research (ABACUS), Alberta Centre for Injury Control & Research, Alberta Centre for Prions & Protein Folding Diseases, Alberta Centre on Aging, Alberta Diabetes Institute, Alberta Peptide Institute (API), Alberta Prion Research Institute, Alberta Synchrotron Institute, Alberta Transplant Applied Genomics Centre,

Canadian VIGOUR Centre, Centre for Health Evidence, Centre for Health Promotion Studies, Centre for Neuroscience, Centre for Community Pharmacy Research and Interdisciplinary Strategies (COMPRI), Craniofacial Osseointegration & Maxillofacial Prosthetic Rehabilitation Unit (COMPRU), Epidemiology Coordinating and Research Centre (EPICORE), Glaxo Wellcome Heritage Research Institute, Health Law Institute, Integrated Centre for Care Advancement through Research (iCARE), Immunology Network, Institute for Biomolecular Design (IBD), Multidisciplinary Pain Centre, Muttart Diabetes Research & Training Centre, National High Field Nuclear Magnetic Resonance Centre (NANUC), Perinatal Research Centre, Women and Children's Health Research Institute

- Home to 13 Faculty research groups: CIHR Cardiovascular Research Group, CIHR Membrane Protein Research Group, CIHR Molecular & Cell Biology of Lipids, CIHR Protein Structure & Function Group, *In Vivo* NMR Research Group, Islet Transplantation Research, Molecular mechanisms of Growth Control, Neurochemical Research Unit, Psychopharmacology Research Group, Pulmonary Research Group, Rehabilitation Neurosciences Research Group, Signal Transduction Group, Vascular Biology Research Group
- In 2006-2007 our graduate students were awarded 18 international scholarships, 65 national scholarships, 71 AHFMR scholarships, 43 other provincial scholarships and 99 UA awards. In addition, they garnered 94 other awards for publications, travel and meetings. This correlated with a total of 224 first-authored publications, 148 co-authored publications and 33 review articles. FoMD Graduate students presented at over 270 national and international meetings.

Teaching:

- 3 professors have received Canada's top teaching prize for university professors, the 3M Teaching Award
- 2 professors have received the most prestigious UA award for teaching, research and service, the University Cup
- 1 professor has been awarded the Vargo Teaching Chair in 2006, a prestigious award created to honour excellence in teaching and to promote innovative teaching across campus
- 3 professors won the University Teaching Unit Award for Anatomy 403 on 2007
- 10 professors have received the University's Rutherford Award for Undergraduate Teaching
- Recently adopted new MD curriculum, discovery or problem-based learning, that incorporates small-group, self-directed and case-based learning
- FoMD medical students achieve greater than 99% pass rate at the Part 1 examination of the Medical Council of Canada and placed first in the overall score for this examination in 2007 with the highest scores in medicine, surgery and clinical problem solving.
- Over the 4 years of training, nearly \$100,000 is awarded in scholarships and bursaries to medical students for research and academic achievement.
- Canada's most successful aboriginal MD program with 47 graduates to date
- The Rural Integrated Community Clerkship (Rural ICC), funded by Rural Physician Action Plan of the AB Government, was developed to encourage physicians to

choose rural medicine as a career and involves placing 7-12 third year MD students in 4-5 rural communities

- Alberta International Medical Graduate Program (AIMG) selects and prepares Albertans who are graduates of medical schools outside Canada or the United States for postgraduate training in Family Medicine; in 2007 there were 164 international graduates who entered the workforce.

Community service and Partnerships:

- Offers 114 continuing medical education programs annually
- UAH is Western Canada's largest teaching hospital
- Offers 45 fully accredited Royal College programs, three fully accredited Family Medicine programs and one accredited Dentistry (DDS) residency program
- Serves patient population of over 2 million people in northern Alberta, BC and Northwest Territories
- Works in partnership with Capital Health, Canada's largest and most successful health authority
- Delivers newest therapies/techniques through extensive clinical trials with support of Canada's major pharmaceutical manufacturers
- Undergraduate Dentistry and Dental Hygiene clinics serve 19,000 patient visits per year, while the Orthodontic Graduate Program has 5,500 patient visits per year
- Members from Emergency Medicine are involved in the provision of all phases of emergency medicine including pre-hospital care, management of hazardous materials exposure, toxicology, sports medicine and disaster medicine and care for over 350,000 patient visits per year.
- Obstetrics & Gynecology provides Women's Health programs at 4 sites and provides approximately 4,000 deliveries and 5,000 gynecological surgeries annually
- In 2005 a new Canadian record was set when 16 pediatric transplantations were completed by Department of Pediatrics faculty

The future:

- Ledcor Clinical Training Centre, Ziedler Gastroenterology Health Centre opened 2005
- Mazankowski Alberta Heart Institute opened in 2008
- ABACUS Centre opened in 2006
- Katz Group-Rexall Centre for Pharmacy and Health Research (HRIF West) to open in 2008
- HRIF East in 2007 (Home of the Alberta Diabetes Institute), an additional 600,000 sq. ft. of research and teaching space (two lecture theatres and 29 small group teaching rooms) opened in 2007