



CELEBRATE!


TEACHING • LEARNING • RESEARCH

THURSDAY, SEPTEMBER 19, 2013 — 4:00 PM



UNIVERSITY OF
ALBERTA





“The people demand that knowledge shall not
alone be the concern of scholars. The uplifting
of the whole people shall be its final goal.”

HENRY MARSHALL TORY

Founding President, 1908





PROGRAM

CELEBRATE! TEACHING • LEARNING • RESEARCH
Please stand for the Processional (as it enters the Auditorium).

HOSTS

- Dr. Martin Ferguson-Pell, *Acting Provost and Vice-President (Academic)*
- Dr. Lorne Babiuk, *Vice-President (Research)*

AWARD PRESENTATIONS

CLOSING REMARKS

- Mr. Douglas Goss, Chair, Board of Governors
 - Dr. Lorne Babiuk
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VIDEO PRESENTATIONS

- Undergraduate Research Initiative
- 3M National Teaching Fellowship
- Rhodes Scholarship
- Sloan Research Fellowship
- University Cup

PERFORMANCES

- The Vaughan Quartet
- Genius of the Violin (*Dr. Guillaume Tardif, Mr. Daniel Gervais, Mr. Clinton Pelletier*)

*PLEASE JOIN US FOR THE RECEPTION IN THE HOROWITZ
LOBBY FOLLOWING THE CEREMONY*

VIDEO PORTRAIT

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Undergraduate Research Initiative

Many of us automatically associate research with science, engineering, and health; we think about lab coats and test tubes. Research is a process that involves asking questions and using the methods of our discipline to advance our knowledge and understanding of the subject. Although the methods used may differ among disciplines, research can be conducted in any field – natural sciences, social sciences, health sciences, humanities, and fine arts.

Many students assume that they're only doing undergraduate research if they're involved in a mentored research project or independent study. However, there are many ways to develop research skills, and if you're a student, chances are you've already taken your first steps!

Launched in September 2011, the Undergraduate Research Initiative (URI) reflects the University of Alberta's institutional goals for an engaged student community centered on inquiry, discovery and innovation.

The URI was launched to fill a key interdisciplinary brokering role, helping undergraduate students learn why and how to get involved in research activities. As a broad, central

initiative, the URI integrates with existing experiential learning and engagement initiatives across campus without duplicating activities offered at Faculty and Department levels.

- The URI has five main functions:
- To raise undergraduate students' awareness of and interest in research.
 - To support undergraduate students in developing the knowledge and skills needed for participation in research.
 - To facilitate opportunities for undergraduate students to engage in research.
 - To assist undergraduate students in disseminating and celebrating research results and achievements.
 - To create and sustain a culture of undergraduate research at the University of Alberta.

An Advisory Committee and Academic Director, Dr. Connie Varnhagen, provide counsel, advice and direction in the planning and implementation of the URI. The day-to-day activities of the URI are supported by staff from CAPS: Your U of A Career Centre.

**WILLIAM HARDY ALEXANDER AWARD FOR
EXCELLENCE IN UNDERGRADUATE TEACHING**

The William Hardy Alexander Award for Excellence in Undergraduate Teaching recognizes teaching excellence by academic staff.

- Kristine Nutting, Augustana
 - Enver Osmanagic, Mathematical and Statistical Sciences
-

**PROVOST'S AWARD FOR EARLY ACHIEVEMENT
OF EXCELLENCE IN UNDERGRADUATE TEACHING**

The Provost's Award for Early Achievement of Excellence in Undergraduate Teaching recognizes teaching excellence by academic staff within five years of their first university appointment.

- Cheryl-Anne Poth, Educational Psychology
 - Carrie Smith-Prei, Modern Languages and Cultural Studies
 - Martin Zuidhof, Agricultural, Food and Nutritional Science
-

TEACHING UNIT AWARD

The Teaching Unit Award celebrates teaching excellence that occurs as a result of the collaboration of instructors.

Field Studies in Tropical Ecology

- Doris Audet, Augustana
 - David Larson, Augustana
-

AWARD FOR EXCELLENCE IN GRADUATE TEACHING

The Award for Excellence in Graduate Teaching recognizes graduate-level teaching excellence by academic staff.

- Carol Boliek, Speech Pathology and Audiology
 - Robert Campbell, Chemistry
 - Jerrold Kachur, Educational Policy Studies
-

RUTHERFORD AWARD FOR EXCELLENCE IN UNDERGRADUATE TEACHING

The Rutherford Award for Excellence in Undergraduate Teaching is the University's premier teaching award. It recognizes teaching excellence by full-time continuing academic staff.

- Alex Brown, Chemistry
 - Christine Hughes, Pharmacy and Pharmaceutical Sciences
 - John Nychka, Chemical and Materials Engineering
 - Carla Peck, Elementary Education
-

VARGO TEACHING CHAIR

The Vargo Teaching Chair fosters excellence in teaching at the University. This program is committed to supporting individuals who demonstrate innovative and creative teaching methods which enhance learning by undergraduate and graduate students.

- Heather Zwicker, English and Film Studies
-

KNIGHT OF THE ORDER OF ACADEMIC PALMS

The Knight of the Order of Academic Palms recognizes distinguished contributions to French national education and culture.

- Anna Gural-Migdal, Modern Languages and Cultural Studies
-

MEDAL FOR DISTINCTION IN ENGINEERING EDUCATION

The Medal for Distinction in Engineering Education, sponsored by Engineers Canada, recognizes exemplary contributions to the teaching and learning of the engineering profession at Canadian universities.

- John Nychka, Chemical and Materials Engineering
-

3M NATIONAL TEACHING FELLOWSHIP

The 3M National Teaching Fellowship, Canada's most prestigious national teaching award, recognizes teaching excellence as well as educational leadership.

- Kim Fordham Misfeldt, Augustana
 - Heather Zwicker, English and Film Studies
-

VIDEO PORTRAIT

Kim Fordham Misfeldt

3M NATIONAL TEACHING FELLOWSHIP



Kim Fordham Misfeldt is a German language and literature professor, Chair of the Department of Humanities and Director of the Canadian Summer School in Germany from the University of Alberta's Augustana Campus.

No stranger to teaching awards, she won the Augustana Distinguished Teaching Award (2000) and the Rutherford Award for Excellence in Undergraduate Teaching (2011).

Kim teaches a variety of language, translation and literature courses at the junior and senior levels and also teaches a spring course in Germany. Her classes are models

of active and collaborative learning and her classrooms have a dynamic of endeavour and support that brings out the very best in her students. She has developed into an internationally renowned teacher.

Through the Augustana campus's Human Library, she has used her personal experiences as a survivor of childhood sexual abuse to give voice to students and others in the community who need to tell their stories. She also volunteers at women's shelters, and gives presentations to people of both sexes about sexual violence in the community.

As director of the Canadian Summer School in Germany, Kim takes 60 students from across Canada and immerses them in the German culture.

Motivated by her desire to provide as many students as possible with a life-changing educational experience, Kim provides international educational leadership in her work. Her teaching empowers her students, gives them a love of learning, and allows them the freedom to find a path to knowledge as unique as they are as individuals.

VIDEO PORTRAIT

Heather Zwicker

3M NATIONAL TEACHING FELLOWSHIP



Heather Zwicker, a professor in the Department of English and Film Studies and vice-dean in the Faculty of Arts. Her teaching is characterized by ongoing invention, experimentation, and adventure, bringing the excitement of intellectual inquiry to all levels of the undergraduate program.

Dr. Zwicker has excelled at undergraduate teaching and has won every undergraduate teaching award that she is eligible for at the University of Alberta including the Faculty

of Arts Teaching Award (1999), Rutherford Award for Excellence in Undergraduate Teaching (1999), Teaching Matters! Award for Student Engagement (2008) and the Vargo Teaching Chair (2013).

Heather has taught at all levels of the curriculum, including introductory first-year courses, second-year critical concepts and survey courses offered to majors, as well as senior undergraduate and fourth-year seminars. She teaches a number of cultural studies courses on the city of Edmonton, instructing students about how to read Edmonton through theoretical texts, local literature, cartography, personal experience and history.

She is the first of two faculty members to earn promotion to Full Professor on the basis of teaching excellence in the Faculty of Arts. She believes in educating for active citizenship and cares deeply about the world of ideas and how these ideas affect the lives of people. Put simply, her goal is to make the world a better place, one course at a time!



INTERNATIONAL CITATION

The Citation for International Students is awarded annually to students on a study permit who are entering an undergraduate degree program at the University of Alberta from high school on the basis of superior academic achievement.

- Andrea Gonzalez, *Chihuahua, Mexico* - Engineering
 - Chun Chi Guo, *Benxi, China* - Engineering
 - Raymund Sampaga, *Davao City, Philippines* - Engineering
 - Quy Tran, *Ha Noi, Vietnam* - Engineering
 - Weijun Xia, *Shanghai, China* - Engineering
-

CHANCELLOR'S CITATION

The Chancellor's Citation is awarded annually to students entering an undergraduate degree program at the University of Alberta from high school on the basis of superior academic achievement.

- Caitlyn Achtymichuk, *Vegreville, AB* - Physical Education and Recreation
 - Rebecca Burchett, *Edmonton, AB* - Science
 - Michelle Liu, *Lacombe, AB* - Engineering
 - Taylor Rocque, *Fallis, AB* - Science
 - Arwen Thyse, *Edmonton, AB* - Arts
-

BMO FINANCIAL GROUP CITATION

The BMO Financial Group Citation is awarded annually to students entering an undergraduate degree program at the University of Alberta from high school on the basis of superior academic achievement and financial need.

- Grace Bellerose, *St. Albert, AB* - Science
 - Theresa Cho, *Malabar, BC* - Engineering
-

PRESIDENT'S CITATION

The President's Citation is awarded annually to students entering an undergraduate degree program at the University of Alberta from high school on the basis of superior academic achievement.

- Deepan Hazra, *Red Deer, AB* - Science
 - Adam Mullan, *Edmonton, AB* - Science
 - Spencer Wilkie, *Edmonton, AB* - Science
-

PRESIDENT'S CENTENARY CITATION

The President's Centenary Citation, the most prestigious of citations, is awarded annually to students entering an undergraduate degree program at the University of Alberta from high school on the basis of superior academic achievement.

- Henry Su, *Calgary, AB* - Engineering
-

3M NATIONAL STUDENT FELLOWSHIP

The 3M National Student Fellowship honours undergraduate college and university students at Canadian institutions who have demonstrated outstanding leadership in their lives and at their institution. These students embrace a vision of quality education that enhances their academic experience and beyond.

- Emerson Csorba, *Edmonton, AB* - Faculté Saint-Jean
-

RHODES SCHOLARSHIP

The Rhodes Scholarships are postgraduate awards supporting outstanding all-round students to attend the University of Oxford, providing transformative opportunities for exceptional individuals.

- Megan Engel, *Edmonton, AB* - Science
-

VIDEO PORTRAIT

Megan Engel

RHODES SCHOLARSHIP



The Rhodes Scholarships were established in 1903 in the will of Cecil Rhodes and are considered among the most prestigious postgraduate scholarships in the world. They support students who demonstrate a strong propensity to emerge as 'leaders for the world's future.'

Megan Engel, a Bachelor of Science with First Class Honors, astrophysics graduate from the University of Alberta and now a Master of Science student in Physics, is a 2013 recipient of the Rhodes Scholarship. Surprisingly, Megan set this goal for herself when she was just 15. J.R.R. Tolkien is her hero and she has been profoundly influenced

by his writing. When she found out he studied and taught at Oxford, she wanted to follow in his footsteps.

She is currently undertaking her Master's degree under the co-supervision of assistant professors Kevin Beach (theoretical condensed matter physics) and Michael Woodside (biophysics). She has always been fascinated by the solutions to human problems she sees hidden in the natural world: "We struggle to find sustainable energy, yet nature solved this crisis billions of years ago. A deep faith in God motivated the awe of nature that fuels my commitment to exploring the universe with sophisticated theoretical machinery."

She credits her success to the holistic education she has received, the incredible facilities at the University of Alberta and the National Institute of Nanotechnology, and her professors and advisors who have guided and inspired her to achieve her long-cherished dream. Her next big goal is to one day earn a faculty position at the University of Alberta so that she can continue her research, volunteering and outreach, through programs such as Women in Scholarship, Engineering, Science and Technology (WISEST).

BMO FINANCIAL GROUP GRADUATE SCHOLARSHIP

The BMO Financial Group Graduate Scholarship is awarded annually to a student registered in, or admitted to, a full-time PhD or thesis-based Master's program at the University of Alberta on the basis of superior academic achievement and demonstrated research ability or research potential.

- Dana Olstad, Agricultural, Food and Nutritional Science and Public Health Sciences

JULIE PAYETTE-NSERC RESEARCH SCHOLARSHIP

The Julie Payette-NSERC Research Scholarship is a prestigious postgraduate scholarship offered to top-ranked master's candidates.

- Dylan Breitzkreutz, Oncology
-

VANIER CANADA GRADUATE SCHOLARSHIP

The Vanier Canada Graduate Scholarship program aims to attract and retain world-class doctoral students by supporting individuals who demonstrate both leadership skills and a high standard of scholarly achievement in graduate studies in social sciences and humanities, natural sciences and engineering, and health.

- Clayton Bangsund, Law
- Lindsay Eales, Physical Education and Recreation
- Shaun Kerr, Electrical and Computer Engineering
- Connie Le, Medical Microbiology and Immunology
- Katherine MacDonald, Sociology
- Daisy Raphael, Political Science
- Jody Reimer, Mathematical and Statistical Sciences
- Tiago Simões, Biological Sciences
- Janine Tine, Elementary Education
- Jocelyn Westwood, Electrical and Computer Engineering

BANTING POSTDOCTORAL FELLOWSHIP

The Banting Postdoctoral Fellowships Program is designed to attract and retain top-tier postdoctoral talent, both nationally and internationally, to develop their leadership potential and to position them for success as research leaders of tomorrow, positively contributing to Canada's economic, social and research-based growth through a research-intensive career.

- Meghan Azad, Pediatrics
-

EXCELLENCE IN LEARNING SUPPORT AWARD

The Excellence in Learning Support Award is designed to recognize members of the University community whose role does not involve teaching, but who nonetheless directly and significantly contribute to the student learning experience.

- Petra Cegielnny, Augustana
- Stephen Kuntz, Student Success Centre
- Doug Leong, Business

EXCELLENCE IN LEADERSHIP AWARD

The Excellence in Leadership Award recognizes outstanding leaders or leadership teams for their awareness of attention to issues that impact the quality of the working and learning environments.

- Christie Schultz, Extension

SUPPORT STAFF RESEARCH ENHANCEMENT AWARD

The Support Staff Research Enhancement Award recognizes support staff members who consistently make a positive contribution to the research success of their Faculty, Department or unit and the University.

- Shannon Erichsen, Surgery
 - Charlene Nielsen, Biological Sciences
-

PERFORMANCE

Genius of the Violin

Violinist Daniel Gervais, national fiddling champion 2012 and laureate of many performance awards and recording prizes is a Master's student in the Department of Music. He is the lead violinist of the celebrated gypsy jazz ensemble, "Hot Club of Edmonton", which specializes in the music of Stephane Grappelli and Django Reinhardt. He is joined today by violinist Guillaume Tardif, professor in charge of "The Genius of the Violin" project and master guitarist Clinton Pelletier.

"The Genius of the Violin" is the name of these musicians' project, an idea of a concert collaboration that

started here at the University, and is becoming a video documentary and educational web application – thanks to a SSHRC grant. For this project, the musicians set up a journey across musical styles, following the traces of a creative genius that spans some 450 years, in a diverse world that has often celebrated, danced and sung to a violin's tune. In particular, they reflect on the interesting confluences of folk and classical arts, as they draw from and reflect on their Canadian cultural roots.

MARTHA COOK PIPER RESEARCH PRIZE

The Martha Cook Piper Research Prize commemorates Dr. Piper's significant contribution to the research community while she was Vice-President (Research) and Vice-President (Research and External Affairs) at the University of Alberta during the 1990s. This annual award recognizes two faculty members who are at the early stage of their careers, enjoy a reputation for original research, and show outstanding promise as researchers.

- Kenneth Butcher, Medicine
 - Keavy Martin, English and Film Studies
-

J. GORDIN KAPLAN AWARD FOR EXCELLENCE IN RESEARCH

The J. Gordin Kaplan Award for Excellence in Research is the most prestigious University of Alberta research award and is named for the University's first Vice-President (Research). Two awards are presented annually to recognize outstanding work in distinct fields of research.

- Gerald Robertson, Law
 - Roderick Wasylishen, Chemistry
-



ANNELIESE MAIER RESEARCH AWARD

Sponsored by the Alexander von Humboldt Foundation, this award is given to internationally recognized researchers whose collaboration with colleagues in Germany contributes to the internationalization of the humanities and social sciences in Germany.

- Jeff Pelletier, Philosophy

CANADA GAIRDNER INTERNATIONAL AWARD

This award is given to biomedical scientists who have made original contributions to medicine resulting in increased understanding of human biology and disease.

- Michael Houghton, Medical Microbiology and Immunology (*Dr. Houghton declined the award for personal reasons.*)

CANADA-U.S. FULBRIGHT AWARD

The Canada-U.S. Fulbright Program operates on the principle of reciprocal exchange and provides the opportunity for outstanding Canadian scholars to lecture and/or conduct research in the United States. Recipients include prominent and promising scholars, as well as experienced professionals.

- Cindy Jardine, Public Health
-

CANADIAN ACADEMY OF HEALTH SCIENCES FELLOW

Canadian Academy of Health Sciences Fellows are recognized for their outstanding performance in the academic health sciences in Canada.

- Kerry Courneya, Physical Education and Recreation
- Kim Raine, Public Health
- Marcello Tonelli, Medicine

CIHR-CMAJ TOP CANADIAN ACHIEVEMENTS IN HEALTH RESEARCH AWARD

This award, sponsored by the Canadian Institutes of Health Research and the Canadian Medical Association Journal, showcases discoveries and innovations with the biggest impact on the health of people in Canada and around the world.

- Marcello Tonelli, Medicine
-

HUMBOLT RESEARCH FELLOWSHIP

This fellowship for experienced researchers allows recipients to carry out a long-term research project at a research institution in Germany.

- Robert Nichols, Political Science

SLOAN RESEARCH FELLOWSHIP

The Sloan Research Fellowships stimulate fundamental research by early career scientists and scholars of outstanding promise.

- Julianne Gibbs-Davis, Chemistry
 - John Davis, Physics
-

VIDEO PORTRAIT

Julianne Gibbs-Davis and John Davis SLOAN RESEARCH FELLOWSHIPS



Julianne Gibbs-Davis, assistant professor (Chemistry), investigates how molecules recognize one another when they are confined. She is breaking new ground by developing a system to detect unique DNA sequences associated with infectious bacteria such as tuberculosis and malaria.

Assistant professor (Physics) John Davis is working to understand and control the area between classical physics and quantum mechanics by fabricating exceptional new nanomechanical devices, developing ultra-sensitive techniques to measure them, and cooling these devices to near absolute zero.

ALBERTA ORDER OF EXCELLENCE

The Alberta Order of Excellence is the highest honour the Province of Alberta can bestow on a citizen.

- Douglas Goss, Board of Governors
- Anne McLellan, Law

MEMBER OF THE ORDER OF CANADA

Induction as a Member of the Order of recognizes a lifetime of outstanding achievement, dedication to the community, and service to the nation.

- Clare Drake, Physical Education and Recreation
- David Magee, Rehabilitation Medicine

ROYAL SOCIETY OF CANADA FELLOW

Fellows of the Royal Society of Canada (RSC) are nominated by their peers for their outstanding contributions in the arts, humanities, and sciences, as well as in Canadian public life. Becoming a Fellow of the RSC is one of the highest levels of recognition of artistic and intellectual accomplishment in Canada.

- Simaan AbouRizk, Civil and Environmental Engineering
 - Debra Cairns, Music
 - Raymond Egerton, Physics
 - James Pinfold, Physics
-

KILLAM PRIZE

The Killam Prizes are Canada's leading awards for career achievement in the fields of humanities, engineering, natural sciences, health sciences, and social sciences.

- Lorne Babiuk, Vice-President (Research)
 - Witold Pedrycz, Electrical and Computer Engineering
-

UNIVERSITY CUP

The University Cup is the highest honor this University can bestow on a member of the academic staff and is awarded only to those individuals who have achieved outstanding distinction in each of the areas of scholarly research, teaching, and service to the University and the community at large. Thus the recipient of the University Cup is a leader whose scholarly work has merited international attention, whose teaching and student supervision ability is highly esteemed by colleagues and students alike as exceptional and who has earned outstanding regard from the community which favours both the individual and the University.

- David Percy, Law
-

VIDEO PORTRAIT

David Percy UNIVERSITY CUP



David Percy is a Professor in the Faculty of Law and is the Borden Ladner Gervais Chair of Energy Law and Policy. From 2002 to 2009 he served as Dean and Wilbur Fee Bowker Professor of the Faculty of Law. Professor Percy's teaching philosophy is based on taking advantage of the insights that students can provide from their diverse educational backgrounds while gradually ensuring that they acquire the skills necessary to understand the discipline of law.

Professor Percy has always been motivated to conduct research that has an impact on solving real issues of law and policy. He has pursued this interest in a research program that focuses on water and energy. He wrote *The Framework of Water Rights Legislation in Canada*, as well as books on wetlands and ground water.

Professor Percy has been the recipient of several outstanding awards including the W.P.M. Kennedy Award for outstanding merit as a law teacher in Canada (1995); the Rutherford Award for Excellence in Undergraduate Teaching (1996); Tevie H. Miller Teaching Excellence Award (2000); and the Alberta Centennial Medal (2005). He served as inaugural Chair of the University of Alberta Water Initiative and the Faculty of Law Centenary Committee.



Arrangements for this celebration are coordinated by:

Office of the Registrar
Academic Awards and Ceremonies Office

Special thanks to:

Office of the Provost and Vice-President (Academic)

Office of the Vice-President (Research)

Faculty of Graduate Studies and Research

The Vaughan Quartet

- Fabiola Amorim, Viola
- Mattia Berrini, Violin
- Silvia Buttiglione, Cello
- Vladimir Rufino, Violin

Accessibility Services are provided by:

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