

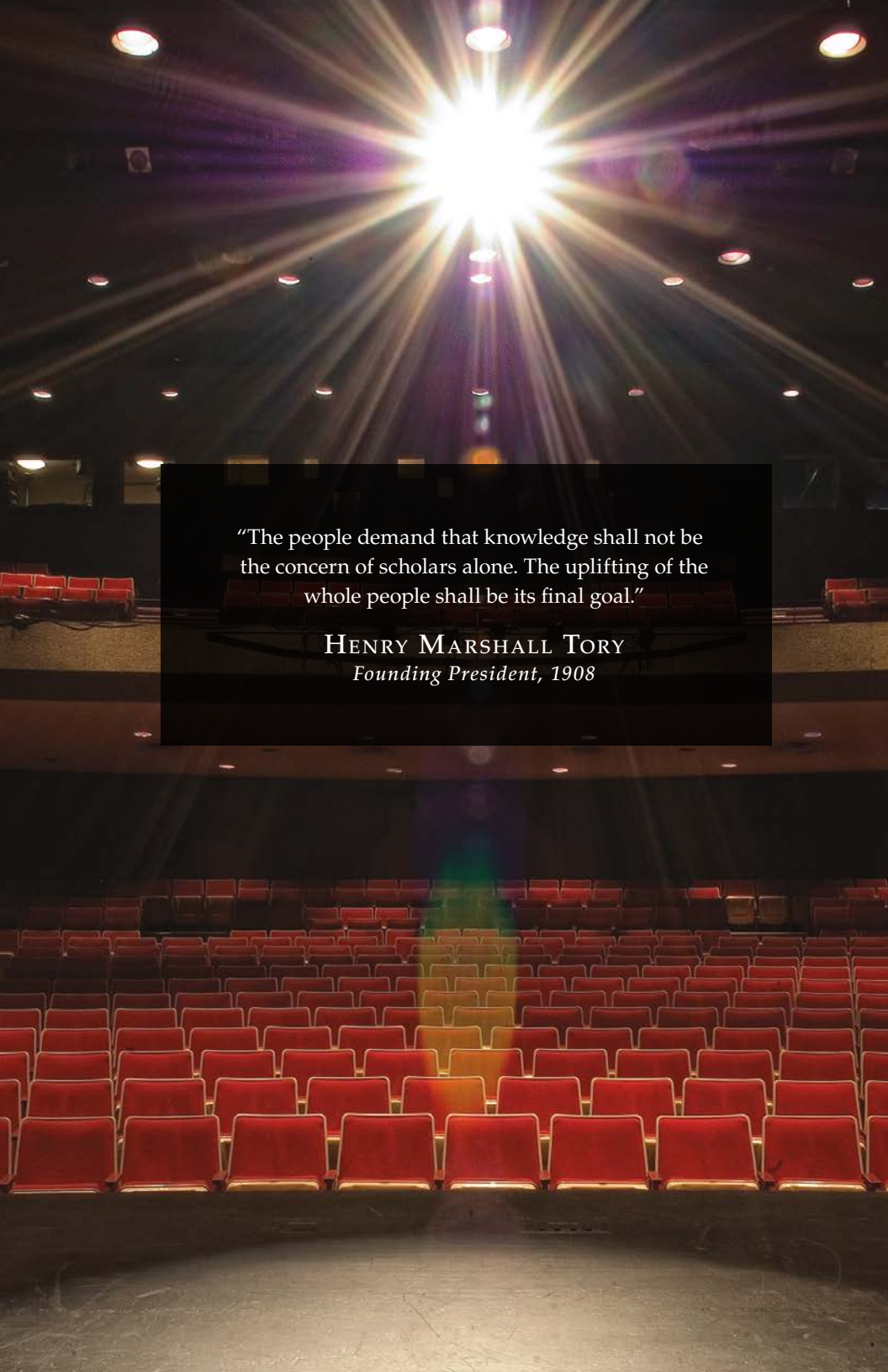


CELEBRATE!

TEACHING • LEARNING • RESEARCH

UNIVERSITY OF ALBERTA

WEDNESDAY, SEPTEMBER 21, 2016 — 4 P.M.



"The people demand that knowledge shall not be
the concern of scholars alone. 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. Steven Dew, *Provost and Vice-President (Academic)*
- Dr. Susan Hamilton, *Associate Vice-President (Research)*

PRESIDENT'S GREETING

- Dr. David Turpin

AWARD PRESENTATIONS

CLOSING REMARKS

- Mr. Michael Phair, *Chair, Board of Governors*
 - Dr. Steven Dew
-

VIDEO PRESENTATIONS

- EcoCar
- Rhodes Scholar
- Falling Walls Young Innovator of the Year
- Governor General's Innovation Award
- Distinguished University Professor

PERFORMANCES

- University of Alberta Woodwind Quintet
with vocal accompaniment by Oliver Munar
- Jenna Joyce Broomfield, Inuit Throat Singer

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

VIDEO PORTRAIT

EcoCar

The University of Alberta EcoCar team was founded to provide students with practical experience as well as to expose them to the field of alternative energy technology. The EcoCar team designs and builds hydrogen fuel-cell powered cars to compete at the Shell Eco-marathon, an annual international competition. At the competition, teams from all over the world build fuel-efficient vehicles that compete under various fuel categories.

The EcoCar team started in 2010 and spent two years building its first car, Steve. In 2012, the team attended the Shell Eco-marathon with Steve and captured second place – their first time at the competition. In 2014, the team clinched first place in their category with the third generation of Steve. Steve was retired after four generations and the team began building their newest car, Alice. At the 2016 Shell Eco-marathon, the team won first place again (with Alice) and was invited to compete in the inaugural Drivers' World Championship in London, UK.

The EcoCar team believes that hydrogen fuel-cell vehicles offer a good mix of both engineering and problem-solving challenges. Issues like climate change require significant innovation. Team members develop the skills and confidence required to meet these challenges.

The EcoCar team is divided into three main departments – mechanical, electrical and administration. The mechanical engineering group builds the major physical components of the car. The electrical engineering group designs and builds the electrical control systems. The administration group manages the business aspects of the team including outreach, awareness, finances, and sponsorships.

The team plans to expand its presence at the competition by building another car in the 'prototype' category that will be raced alongside their regular 'urban-concept' vehicle. Their progress can be tracked at ualberta-ecocar.ca and their social media channels.







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.

- Ashley Borgel — Engineering
 - Febe-Mari De Lange — Science
 - Rachel Goud — Science
 - Amy Hou — Engineering
 - Jasmine Khella — Science
 - Yan Shu Kong — Science
 - Joanna Pearce — Science
-

PRESIDENT'S CENTENARY CITATION

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

- Kaelin Koufogiannakis — Science
-

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.

- Leah Auch — Science
- Mazzen Black — Science
- Richard Davidson — Science
- Manimeldura De Silva — Engineering
- Willow Dew — Engineering
- Simranpreet Dhadda — Science
- Yejun Hong — Science
- Zachary Kwong — Engineering
- Vincent Man — Science
- Lowell McAllister — Engineering
- Jenaya Schroh — Education
- Ciara Verstraete — Science

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.

- Michaela Pacholok — Science
 - Shunyu Yao — Science
-

CANADIAN PHARMACIST OF THE YEAR

The Canadian Pharmacist of the Year Award recognizes a pharmacist who demonstrates leadership, exemplifies the evolution of the pharmacy profession toward an expanded role in health care, and brings respect to the profession by advancing the recognition of the pharmacist's role in optimizing drug therapy outcomes for Canadians.

- Nesé Yuksel — Pharmacy and Pharmaceutical Sciences

CANADIAN ACADEMY OF ENGINEERING FELLOW

Election to the Canadian Academy of Engineering (CAE) is one of the highest professional honours accorded to an engineer in recognition of distinguished achievements and career-long service to the engineering profession.

- Jie Chen — Electrical and Computer Engineering
 - JJ Roger Cheng — Civil and Environmental Engineering
 - Jingli Luo — Chemical and Materials Engineering
-

ALBERTA SCIENCE AND TECHNOLOGY (ASTeCH) AWARDS

The ASTeCH Foundation showcases substantial achievements in science and technology in Alberta to promote the importance of these activities for social and/or economic benefit.

Outstanding Leadership in Alberta Science

- Todd Lowary — Chemistry

Outstanding Leadership in Alberta Technology

- Robert Wolkow — Physics

Outstanding Achievement in Environmental Technology and Innovation

- Arturo Sanchez-Azofeifa — Earth and Atmospheric Sciences

Innovation in Agricultural Science

- Miles Dyck (Team Lead) — Renewable Resources
- David Chanasyk — Renewable Resources
- Ty Faechner — Alberta Institute of Agrologists
- Guillermo Hernandez Ramirez — Renewable Resources
- Barry Irving — Agricultural, Food and Nutritional Science
- Sukhdev Malhi — Renewable Resources
- Dick Puurveen — Renewable Resources
- James Robertson — Renewable Resources
- Sheri Strydhorst — Agricultural, Food and Nutritional Science

*Outstanding Achievement in Applied Technology
and Innovation*

- Jonathan Curtis (Team Lead) — Agricultural, Food and Nutritional Science
 - Ereddad Kharraz — Agricultural, Food and Nutritional Science
 - Xiaohua Kong — Agricultural, Food and Nutritional Science
 - Tolibjon Omonov — Agricultural, Food and Nutritional Science
 - Yuan Yuan Zhao — Agricultural, Food and Nutritional Science
-

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

This award recognizes teaching excellence by academic staff within five years of their first university appointment.

- Clover Bench — Agricultural, Food and Nutritional Science
 - Brendan Pass — Mathematical and Statistical Sciences
 - Kisha Supernant — Anthropology
-

GEOFF GOWAN AWARD

The Geoff Gowan Award recognizes lifetime contributions to coaching development and is awarded to a coach who has presented a positive public image of coaching and enhanced the role of the coach with the Canadian public.

- John Hogg — Physical Education and Recreation
-





ALBERTA ORDER OF EXCELLENCE

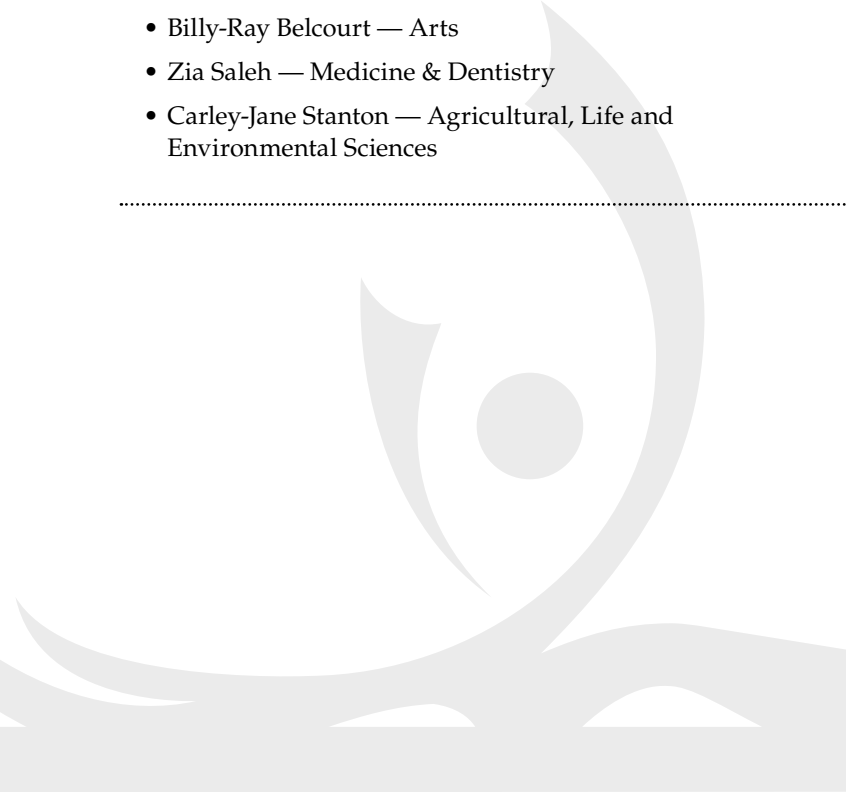
The Alberta Order of Excellence is the highest honour the Province of Alberta can bestow on a citizen. Members have made an outstanding provincial, national, or international impact.

- Linda Hughes — Chancellor Emerita

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.

- Billy-Ray Belcourt — Arts
- Zia Saleh — Medicine & Dentistry
- Carley-Jane Stanton — Agricultural, Life and Environmental Sciences



VIDEO PORTRAIT

Rhodes Scholarship

Billy-Ray Belcourt — Arts

Billy-Ray Belcourt plans to pursue an MSc or MPhil in Medical Anthropology at Oxford. He recently completed an Arts honors degree in Comparative Literature and is an advocate for Aboriginal, queer, and trans-identified rights. New approaches in health education and disease prevention were part of Billy-Ray's research on the effects of colonialism on the health of indigenous peoples in Canada. He has participated in many activities to increase opportunities for engagement among Aboriginal students and provide a safe space for students to discuss gender and sexuality-related topics.

Zia Saleh — Medicine & Dentistry

Zia Saleh completed a degree in medical science and is working toward his Doctor of Medicine. He would like to pursue an MSc in Global Health Science and a Master of Public Policy at Oxford University. Zia has worked with the World Health Organization in Geneva and as a Global Encounters facilitator in Nairobi. He is one of the founders of Learning Beyond Borders, which facilitates educational opportunities for young adults in Nairobi, Mombasa, Kampala, Dar es Salaam, and Zanzibar. He is also active in sports and founded Sports for Success to help local underserved youth through mentorship and play.

Carley-Jane Stanton — Agricultural, Life and Environmental Sciences

Carley-Jane Stanton has a Bachelor of Science degree in Agriculture and plans to pursue a Master of Science in environmental change and management at Oxford. Carley-Jane is passionate about sustainable food economics. She has been a leader in many local food communities including the South West Edmonton Market, Sustainable Food Edmonton, Edmonton Food Council, and is the founder of the Alder Food Security Society.



From left: Billy-Ray Belcourt, Carley-Jane Stanton, and Zia Saleh.



C.D. HOWE NATIONAL ENGINEERING SCHOLARSHIP

The C.D. Howe Scholarship Endowment Fund provides scholarships for students enrolled in a bachelor of engineering program in a Canadian university. Up to two scholarships, one to a male and one to a female, are awarded nationally each year.

- Brendan Calef — Engineering
 - Natasha Pye — Engineering
-

SCHULICH LEADER SCHOLARSHIP

The Schulich Leaders program is an annual scholarship competition for high school students enrolling in a STEM (Science, Technology, Engineering, or Mathematics) program in university, who have demonstrated academic excellence, outstanding community/business/entrepreneurial leadership, and/or financial need.

- Sheldon Cannon — Science
 - Ben Hallworth — Engineering
-

CMA AWARD FOR YOUNG LEADERS

The Canadian Medical Association Award for Young Leaders celebrates the efforts of young physician leaders of tomorrow for their efforts today.

- Debraj Das — Medicine & Dentistry
-



INNOVATION AWARD

The Innovation Award of the Canadian University Council of Chief Information Officers (CUCCIO) recognizes innovative IT projects or initiatives that have significantly advanced teaching, learning, research or administration within an institution or in the community.

- Robert Brennan — Augustana
-

RUTHERFORD AWARD FOR EXCELLENCE IN UNDERGRADUATE TEACHING

The Rutherford Award for Excellence in Undergraduate Teaching recognizes teaching excellence by full-time continuing academic staff.

- Barbara Billingsley — Law
 - Anna Oswald — Medicine
 - Frederick West — Chemistry
-

ROYAL SOCIETY OF CANADA FELLOW

Fellowship in the Royal Society of Canada is one of the highest levels of recognition of artistic and intellectual accomplishment in Canada.

- Bruce Dancik — Renewable Resources
 - Graham Pearson — Earth and Atmospheric Sciences
 - Richard Sutton — Computing Science
-

ROYAL SOCIETY OF CANADA COLLEGE OF NEW
SCHOLARS, ARTISTS AND SCIENTISTS

Based on excellence, induction recognizes exceptionally talented individuals in the early stages of their careers.

- Duane Froese — Earth and Atmospheric Sciences
 - Zamaneh Kassiri — Physiology
 - Candace Nykiforuk — Public Health
 - Lynne-Marie Postovit — Oncology
-

PERFORMANCE

Jenna Joyce Broomfield



Jenna Joyce Broomfield is an Inuk from North West River, Nunatsiavut (Labrador) who is currently attending Law School at the University of Alberta. She previously obtained a certificate in Pre Law Studies for Native Peoples, a degree in Native Studies, and a certificate in Aboriginal Governance and Partnership.

As a result of many generations of colonization, Jenna's early upbringing was only semi-traditional. As a teen, she started a conscious cultural revitalization journey and began learning the traditional teachings of

her culture. Through her workshops, she sparks a safe cultural dialogue between Indigenous and Non-Indigenous peoples. She feels it is necessary to take every opportunity to bridge the gaps of understanding, to work toward peaceful coexistence, sharing of knowledge and Indigenous pride in her community.

An accomplished throat singer, Jenna travels for performances nationally and internationally and has had the privilege of performing with many well-known artists and groups including Tanya Tagaq, Taqralik Partridge, Sila Singers, Becky Qilavaaq, James Jones, Frank Edes of Mob Bounce, Frank Waln and the Samson Brothers.

Jenna has also performed at notable events including 2010 Vancouver Olympics Opening Ceremony, National Inuit Youth Summit, Truth and Reconciliation Commission Final Event, Indianer Inuit International Film Festival, APTN National Aboriginal Day Live, Edmonton Heritage Days Festival, and Aboriginal Day events across Alberta. In the Summer of 2016, Jenna performed in Edmonton and surrounding area, Yellowknife, Switzerland and Germany.

DIVERSITY SCHOLAR

The Association of Research Libraries (ARL) Initiative to Recruit a Diverse Workforce, funded by the Institute of Museum and Library Services and ARL member libraries, offers a stipend to students currently enrolled in an MLIS or equivalent degree program from an American Library Association (ALA)-accredited institution in support of graduate library and information science (LIS) education. The purpose of the program is to attract students from racial and ethnic minority groups to careers in academic and research libraries.

- Lorisia MacLeod — Library and Information Studies
-

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.

- Fabini Orata — Biological Sciences
 - Yin Yin — Secondary Education
-





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.

- Abubakar Abdulkadir — History and Classics
- Kristina Barclay — Earth and Atmospheric Sciences
- Simon Ferguson — Oncology
- Gregory Funston — Biological Sciences
- Shela Hirani — Nursing
- Christen Klinger — Cell Biology
- Clayton Lamb — Biological Sciences
- Shingirai Mandizadza — Sociology
- Masoud Mohammadalizadeh Shabestary — Electrical and Computer Engineering
- Maxine Myre — Physical Education and Recreation

TEACHING UNIT AWARD

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

CHE 243, Engineering Thermodynamics

- Anastasia Elias — Chemical and Materials Engineering
 - Janet Elliott — Chemical and Materials Engineering
-

MARTHA COOK PIPER RESEARCH PRIZE

This prize commemorates Dr. Piper's contributions to the research community while she was Vice-President (Research) at the University of Alberta in the 1990s, and is awarded to outstanding researchers at the early stage of their careers.

- Sandra Bucerius — Sociology
- Hongbo Zeng — Chemical and Materials Engineering

WILLIAM HARDY ALEXANDER AWARD FOR EXCELLENCE IN UNDERGRADUATE TEACHING

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

- Marie Nychka — Drama

GCHERA WORLD AGRICULTURE PRIZE

The Global Confederation of Higher Education Associations for Agricultural and Life Sciences (GCHERA) World Agriculture Prize encourages the global development of the mission of higher education institutions in education, research, and innovation in the agricultural and life sciences by recognizing the distinguished contributions of an individual to this goal.

- Lorne Babiuk — Vice-President (Research)
-

NATIONAL ACADEMY OF INVENTORS FELLOW

Election as a National Academy of Inventors (U.S.) Fellow recognizes academic inventors who have demonstrated a highly prolific spirit of innovation in creating or facilitating outstanding inventions that have had a tangible impact on quality of life, economic development, and the welfare of society.

- Lorne Babiuk — Vice-President (Research)

RONALD CAPE DISTINGUISHED SERVICE AWARD

Each year, the Canadian Geriatrics Society presents this award to recognize an individual who has made an outstanding contribution to the health care of older adults in Canada.

- Angela Juby — Medicine, Division of Geriatric Medicine

VIDEO PORTRAIT

Lian Willetts

FALLING WALLS YOUNG INNOVATOR OF THE YEAR



Lian obtained her undergraduate degree from the University of Alberta in 2008. She trained at both the U of A and the Mayo Clinic Arizona during her PhD research, focusing on eosinophil degranulation in allergic airway disease. Lian received the Young Investigator Award from the International Eosinophil Society in 2011 for her work in SNARE-based eosinophil degranulation in the development of allergic asthma. Lian obtained her PhD in Experimental Medicine in 2012 from the U of A.

Lian is currently a post-doctoral fellow in the Department of Oncology at the U of A and the Alberta Prostate Cancer Research Initiative (APCaRI). Her research focuses on the mechanism of cancer metastasis and clinical applications of its diagnosis and prognosis. Lian received the Prostate Cancer Research Program Postdoctoral Training Award from the US Department of Defense in 2015 to support her current research.

Lian and her team combine intravital imaging and model-based research to screen for microRNA-based signatures of cancer metastasis. Her team has identified several target-patterns with diagnostic and prognostic value. Lian brought her project to Berlin, Germany and represented her lab and the U of A in The Falling Walls Lab and Conference in November, 2015. She presented her project, along with 100 other young innovators, to a panel of judges, ranking second overall. In the future, Lian would like to focus on developing diagnostic platforms for prostate cancer metastasis based on her current research.

Lian was trained in human histology and human morphology as an undergraduate student and medical gross anatomy as a graduate student by the Division of Anatomy. Since 2013, Lian has been teaching systemic and medical gross anatomy to medical and other undergraduate students.

FALLING WALLS YOUNG INNOVATOR OF THE YEAR

An international initiative, the Falling Walls Lab promotes breakthrough ideas, advances innovative scientific and entrepreneurial visions, and facilitates knowledge exchange among young researchers and young professionals. The Falling Walls Lab finale is held every year in Berlin, where 100 young scientists, innovators and entrepreneurs from more than 34 countries present their research projects, ideas, and initiatives in front of a jury of experts.

- Lian Willetts — Oncology
Second place, Falling Walls Lab international finale, Berlin, 2015
-

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.

- Sarah Smith — English and Film Studies
 - Juan Yañez Garza — Physics
-

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).

- Todd Lowary — Chemistry
- Mark Nuttall — Anthropology

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.

- Pierre Mertiny — Mechanical Engineering

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.

- Pak Chow — Renewable Resources
-

EXCELLENCE IN LEADERSHIP AWARD

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

- Goetz Dapp — Canadian Center for Welding and Joining
- Angie Mandeville — Libraries

EXCELLENCE IN LEARNING SUPPORT AWARD

The Excellence in Learning Support Award is specifically 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.

- Sherri Kessels — Dentistry
 - Amy Roy Gratton — Career Centre
-

VIDEO PORTRAIT

Robert Burrell

GOVERNOR GENERAL'S INNOVATION AWARD



Dr. Robert Burrell, Chair of the Department of Biomedical Engineering, Faculty of Medicine & Dentistry, and Professor in the Department of Chemical and Materials Engineering, Faculty of Engineering, is the recipient of one of six inaugural Governor General's Innovation Awards given in Canada, for his discovery of the unique biological properties of nanostructured silver, which led to the development of Acticoat™.

Acticoat™ is the world's first therapeutic medical application of nanotechnology. It has revolutionized

wound care by forming an antimicrobial barrier over partial or full thickness wounds and reducing inflammation.

In burn treatment, conventional antimicrobial creams necessitate daily, painful dressing changes while Acticoat™, which is easy to apply and remove, needs to be changed every 3 to 7 days. No other burn dressing has the dual ability to kill bacteria and decrease inflammation, resulting in increased healing rates while decreasing skin grafting and long-term scar management issues.

Chronic wounds are a major health issue in Canada and worldwide, contributing to disability, morbidity, and costs. No completely effective treatment for chronic wounds existed until Acticoat™. By controlling bacteria and inflammation, it has quickly healed 10-year-old wounds. Patients with chronic wounds can now be treated as outpatients instead of being admitted to hospital.

Robert Burrell is a visionary leader who saw the potential to apply nanotechnology to medicine and, through innovation, creativity, perseverance and leadership, created a world first—a therapeutic nanotechnology-based product that saves lives and improves quality of life for thousands of people around the world each year.

GOVERNOR GENERAL'S INNOVATION AWARD

The Governor General's Innovation Awards recognize and celebrate outstanding Canadian individuals, teams and organizations whose exceptional and transformative work help shape the future and positively impact our quality of life.

- Robert Burrell — Biomedical Engineering and Chemical and Materials Engineering
-

CANADIAN ACADEMY OF HEALTH SCIENCES FELLOW

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

- Jason Dyck — Pediatrics
 - David Westaway — Medicine, Division of Neurology
 - Douglas Zochodne — Medicine, Division of Neurology
-

ORDER OF CANADA MEMBER

The Order of Canada recognizes a lifetime of outstanding achievement, dedication to the community, and service to the nation.

- Patricia Demers — English and Film Studies
 - Carole Estabrooks — Nursing
-

AWARD FOR EXCELLENCE IN GRADUATE TEACHING

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

- Denise Larsen — Educational Psychology
- Lu-Anne McFarlane — Communication Sciences and Disorders

TRADITIONAL FULBRIGHT CANADA STUDENT AWARD

Traditional Fulbright Canada Student Awards are intended for Canadian citizens who are graduate students, prospective graduate students, or promising young professionals wishing to study and/or conduct research in the United States. Awards may be held at any university, research centre, think tank, or government agency in the United States.

- Claire Thomson — History and Classics

FULBRIGHT VISITING RESEARCH CHAIR

The Fulbright Visiting Research Chair program supports exceptional Canadian scholars and/or experienced professionals who wish to conduct research and/or lecture in the United States.

- Joanna Harrington — Law
Fulbright Visiting Research Chair in Policy Studies at the University of Texas at Austin
-

McCALLA PROFESSORSHIP

The McCalla Professorships recognize faculty members for their outstanding contributions to the University community and their commitment to integrate research, teaching and learning throughout their careers.

- Jie Chen — Electrical and Computer Engineering
- Gordon Gow — Extension
- Wendy Hoglund — Psychology
- Devereaux Jennings — Strategic Management and Organization
- Simon Landhäuser — Renewable Resources
- Kim Misfeldt — Augustana
- Ralf Schirmacher — Oncology
- John Waldron — Earth and Atmospheric Sciences

BRIGHTSPACE INNOVATION AWARD IN TEACHING AND LEARNING

The Brightspace Innovation Award in Teaching and Learning, sponsored by D2L (Desire2Learn), celebrates and recognizes educators for their innovative approaches to promote student-centred teaching and learning.

- Peter Sankoff — Law
-



FOUNDERS' HALL



**WESTON FAMILY PRIZE FOR LIFETIME
ACHIEVEMENT IN NORTHERN RESEARCH**

The Weston Family Prize recognizes a leading northern researcher in natural science and is the largest of its kind. It is administered and awarded by the Association of Canadian Universities for Northern Studies (ACUNS).

- Ian Stirling — Biological Sciences
-



VIDEO PORTRAIT

James Pinfold

DISTINGUISHED UNIVERSITY PROFESSOR



James Pinfold is an internationally renowned particle physicist who started his career as a graduate student member of the Gargamelle Experiment at CERN in Switzerland, where he was a leader in the discovery of the first evidence for Electroweak Unification, the central pillar of the Standard Model (SM).

His commitment to the validation of the SM continued in 1986 when he helped establish the OPAL experiment at CERN's LEP collider and was part of the team that determined there are just three

types of light neutrino. In 1992, he instituted the Particle Physics group at the University of Alberta, serving as Director of the Centre for Subatomic Research from 1995-2004, and became a founding member of the ATLAS Experiment, operating at the Large Hadron Collider (LHC), which subsequently discovered the last piece of the SM puzzle - the Higgs boson.

But Dr. Pinfold's passion lies in the search for physics beyond the SM. In 1986, he became the youngest leader of a collider experiment - MODAL, at LEP. He continued his quest as a co-spokesperson of the SLIM astroparticle experiment in Bolivia and now leads the LHC's newest experiment, MoEDAL.

Milestone career awards include the 2009 European Physical Society (EPS) Medal as part of Gargamelle's discovery team; the 2013 EPS Medal for contributions to the Higgs boson discovery; and Fellowship in the Royal Society of Canada (2014). At the U of A he held a 2009 McCalla Professorship, a Killam Annual Professorship in 2013, and received the 2015 J. Gordon Kaplan Award for Excellence in Research. In recognition of his outreach activities, he was presented with the 2007 ASTech Award for Excellence in Science and Technology (Public Awareness), and in 2010, a Teaching and Learning Enhancement Fund award.

VIDEO PORTRAIT

Olive Yonge

DISTINGUISHED UNIVERSITY PROFESSOR



Throughout her career, Olive Yonge has consistently asked, “Why not?” As an Assistant Professor in Nursing, she created a new mandatory course for all third-year students whereby practitioners, rather than professors, taught the students directly in the clinical area. The program quickly grew to engaging students in clinical placements all over the world, from Ireland to Australia, and Africa to the North West Territories. Forty years later the course is still offered and comprises half of the fourth-year curriculum.

Based on this initiative, Dr. Yonge obtained a number of SSHRC grants and published numerous articles and books. Her areas of expertise include leadership and teaching and learning in the field. She is often consulted both nationally and internationally. Throughout her career, she has received a number of teaching awards, including a 3M Fellowship and Vargo Teaching Chair.

This past decade, she has focused her attention on academic leadership, serving as a Vice Provost, Deputy Provost and Interim Provost. As an academic leader, she has chaired a number of task forces focusing on outcomes such as improving graduate and undergraduate student experiences, and she facilitated the start of the undergraduate research initiative. Furthermore, she held the honour of chairing the Campus Alberta Quality Council.

Currently, Dr. Yonge is studying courage through interviews of academic and nonacademic female administrators across Canada. After many successful years of serving in the academy, this meaningful research on courage is having a significant impact on her perceptions of what it takes to be a female leader.

DISTINGUISHED UNIVERSITY PROFESSOR

The university awards the title of Distinguished University Professor to those individuals who have achieved outstanding distinction and scholarship in each of the areas of research, teaching, and service to the academy and the community at large.

- James Pinfold — Physics
 - Olive Yonge — Nursing
-

Arrangements for this celebration are coordinated by:

Office of the Registrar
Convocation 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

University of Alberta Woodwind Quintet

Kendra Litwin, *flute*

Kara Loewer, *oboe*

Pablo Montes, *bassoon*

Claire Neilson, *clarinet*

Taran Plamondon, *horn*

Videos produced by:

Geoff McMaster, Marketing and Communications,
University of Alberta



UNIVERSITY OF
ALBERTA