

WINNING CANADA SCHOLARSHIP 2018

MEET UBC'S AWARD-WINNING SCHOLARS

THE UNIVERSITY OF BRITISH COLUMBIA is among the top 20 public universities in the world. Our faculty drives this level of excellence and influence — their commitment to research, teaching, innovation and leadership creates a community where knowledge advances, ideas transform and students thrive.

Our esteemed faculty members have been honoured with numerous international and national awards. In these pages, we celebrate those who have been recognized in the last five years.

For the most current list of UBC's major award winners, please visit research.ubc.ca/winningscholarship

WINNING SCHOLARSHIP 2018

OVER THE LAST CENTURY, the University of British Columbia’s entrepreneurial spirit has attracted leading international scholars who embrace innovation and challenge the status quo. Through their commitment to excellence, UBC has emerged as one of the most vibrant and inspirational places of learning and research in the world.

Today, UBC is recognized as North America’s most international university, and we are consistently ranked as one of the top research universities in the world.

It is my honour to introduce you to some of my distinguished colleagues whose accomplishments have recently been recognized with international and national awards.

I am proud to be a member of this great community of scholars who apply their passion and intellect to shape our future.

PROFESSOR SANTA J. ONO

PRESIDENT AND VICE-CHANCELLOR, UNIVERSITY OF BRITISH COLUMBIA
CANADIAN ACADEMY OF HEALTH SCIENCES, FELLOW, 2017



WHERE WE STAND IN THE MOST RECENT RANKINGS:

| | | |
|---|---|---|
| 1ST CANADA’S MOST INTERNATIONAL UNIVERSITY, 2018 <i>TIMES HIGHER EDUCATION (THE)</i> WORLD UNIVERSITY RANKINGS | 34TH RESEARCH UNIVERSITY IN THE WORLD, 2018 <i>THE WORLD UNIVERSITY RANKINGS</i> | 27TH GLOBAL UNIVERSITY, 2018 <i>U.S. NEWS & WORLD REPORT</i> BEST GLOBAL UNIVERSITIES RANKINGS |
| | 8TH PUBLIC UNIVERSITY IN NORTH AMERICA, 2018 <i>THE RANKINGS</i> | 31ST ACADEMIC RANKING OF WORLD UNIVERSITIES, 2017 <i>SHANGHAI RANKING</i> |

SINCE UBC OPENED ITS DOORS IN 1915, WE HAVE BEEN HOME TO:

| | | |
|---|---|---|
| 8 NOBEL LAUREATES | 256 ROYAL SOCIETY OF CANADA FELLOWS | 251 CANADA RESEARCH CHAIRS |
| 13 3M NATIONAL TEACHING FELLOWS | 71 RHODES SCHOLARS | 325,000+ ALUMNI IN OVER 140 COUNTRIES |



BREAKTHROUGH PRIZE IN FUNDAMENTAL PHYSICS

THE \$3-MILLION BREAKTHROUGH PRIZE in Fundamental Physics is the largest individual monetary award in science and has been dubbed the “XXI Century Nobel” by media. The Breakthrough Prizes celebrate the achievements of scientists, physicists and mathematicians who help us understand our world and shape our future.

2018

Gary Hinshaw

PROFESSOR, PHYSICS AND ASTRONOMY

Dr. Gary Hinshaw is one of 26 scientists — including UBC physics and astronomy colleague Mark Halpern — behind the NASA satellite Wilkinson Microwave Anisotropy Probe (WMAP). The team received the Breakthrough Prize in Fundamental Physics for helping to capture a “baby picture of the universe.” The publications stemming from their work are among the most highly cited physics and astronomy papers ever published.

Hinshaw was one of five team leaders of the WMAP team, which was recognized for accurate measurements of several key cosmological parameters, including the age of the universe at 13.77 billion years; the fact that more than 95 per cent of the energy in the universe resides in the form of dark matter and dark energy; and the notion that our universe likely began with a burst of “cosmic inflation.”

OTHER RECENT AWARDS:

- Royal Society of Canada, Fellow, 2017

2017

Rashid Sumaila

PROFESSOR, INSTITUTE FOR THE OCEANS AND FISHERIES, AND SCHOOL OF PUBLIC POLICY AND GLOBAL AFFAIRS

Dr. Rashid Sumaila is one of the world's most innovative researchers on the future of the oceans, integrating social and economic dimensions with ecology, law, fisheries science and traditional knowledge to build novel pathways towards sustainable fisheries. His work involves all facets of ocean health, such as overfishing, oil spills, pollution, acidification and climate change. His research has helped to demonstrate that the ocean's supply of fish has been severely depleted by perverse incentives. This contributed to the creation of the first high seas marine protected area, the Ross Sea in Antarctica.

OTHER RECENT AWARDS:

- Peter Benchley Ocean Award, Excellence in Science, 2017
- Hokkaido University Ambassador, 2016–2019
- Brazilian Science, 'Science without Borders' Fellow, 2013
- American Fisheries Society, Award for Excellence in Public Outreach, 2013



VOLVO ENVIRONMENT PRIZE

SINCE ITS INCEPTION IN 1990, the Volvo Environment Prize has become one of the scientific world's most respected environmental awards. Laureates represent all fields of environmental and sustainability studies and initiatives. Awarded annually by an independent foundation, the laureate is selected by an international prize jury of internationally renowned scientists.

“UBC is a modern university, ahead of the curve in encouraging interdisciplinarity, experimentation and innovation. Public engagement and communication by faculty and students is increasingly being woven into the fabric of life here.”

DR. RASHID SUMAILA

PRIX GALIEN CANADA RESEARCH AWARD

THE PRIX GALIEN CANADA RESEARCH AWARD is the most prestigious award in the field of Canadian pharmaceutical research and innovation. Often referred to as “the Nobel Prize of pharmaceutical research,” it is presented to the researcher or the research team that has made the most significant contribution to pharmaceutical research in Canada.

2014

Brett Finlay

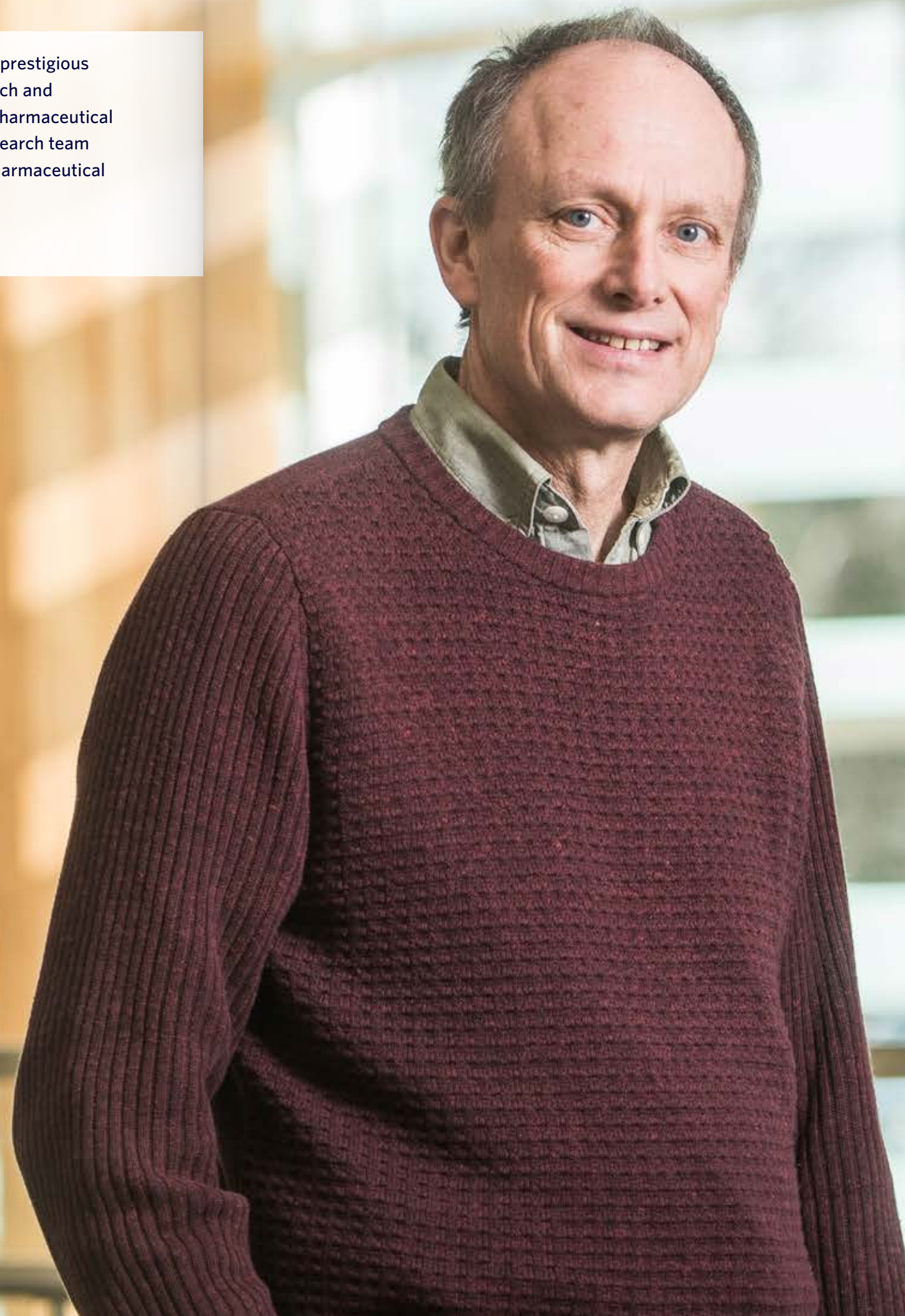
PROFESSOR, MICROBIOLOGY AND
IMMUNOLOGY, AND BIOCHEMISTRY
AND MOLECULAR BIOLOGY

PETER WALL DISTINGUISHED PROFESSOR

Described as one of the world’s foremost experts on the molecular understanding of the ways bacteria infect their hosts, Dr. Brett Finlay is well known for his contributions to understanding how microbes cause disease in people, and developing new tools for fighting infections. He was the leader of the successful initiative to develop a SARS vaccine in 2003 and also developed a bovine vaccine to E. coli. His current research interests focus on pathogenic E. coli and Salmonella virulence, and the role of the microbiota in infections, asthma and malnutrition. By combining cell biology with microbiology, Dr. Finlay has been at the forefront of the field called Cellular Microbiology.

OTHER RECENT AWARDS:

- Canadian Medical Hall of Fame, 2018
- Carnegie Centenary Professor, 2015
- Canadian Institute for Advanced Research, Senior Fellow, 2014



2016

Maja Krzic

ASSOCIATE PROFESSOR, APPLIED
BIOLOGY, AND FOREST AND
CONSERVATION SCIENCES

In 2004, Dr. Maja Krzic launched the Virtual Soil Science Learning Resources Consortium. Today, it is used by 27 Canadian universities and 15 international universities across four continents. Several of the consortium's web-based tools for distance education courses have received awards for innovation and excellence. An associate editor for *Natural Sciences Education*, Dr. Krzic is a role model who has had an extraordinary impact on her discipline, her students and her colleagues. She has almost single-handedly revitalized the study of soil science at UBC.

OTHER RECENT AWARDS:

- *Natural Sciences Education*, Outstanding Associate Editor, 2016
- Platinum AVA Digital Award, Information Experience (for educational project SOILx), 2015
- Platinum MarCom Award, Mobile and Web-Based technology (for SOILx), 2014
- Quarry Life Award, Third Prize, 2014
- CNIE Award, Excellence and Innovation in the Integration of Technology in a Formal or Non-Formal Educational Program, 2014
- Association for Women Soil Scientists, Soil Science Society of America Mentoring Award, 2013



3M NATIONAL TEACHING FELLOWSHIP

THE 3M NATIONAL TEACHING FELLOWSHIP, sponsored by 3M Canada and the Society for Teaching and Learning in Higher Education, is the only pan-Canadian, cross-disciplinary recognition of educational leadership and excellence in university teaching. The Fellowship recognizes demonstrated leadership in enhancing post-secondary teaching excellence locally, nationally and often internationally.

RECENT 3M NATIONAL TEACHING FELLOWS

2015

Peter Ostafichuk
PROFESSOR OF TEACHING,
MECHANICAL ENGINEERING

Sara Harris
SEE FOLLOWING PAGE

2013

Darren Dahl
PROFESSOR, MARKETING AND
BEHAVIOURAL SCIENCE

Simon Ellis
ASSOCIATE PROFESSOR, WOOD SCIENCE



2015

Sara Harris

PROFESSOR OF TEACHING, EARTH,
OCEAN AND ATMOSPHERIC SCIENCES

“Simply an amazing instructor.” That’s the comment repeated again and again by Dr. Sara Harris’s students. They are engaged by her use of interactive teaching methods to learn all they can about climate change. Dr. Harris pioneered one of UBC’s first Massive Open Online Courses on Climate Literacy, incorporating active learning methods, such as creating a student-led crowd-sourced map of climate change and climate impacts. This map is now a valuable open resource with contributions from all over the world. Dr. Harris has also played a pivotal role in leading her colleagues to switch from lecture-based teaching to using a variety of research-based instructional strategies.

3M NATIONAL TEACHING FELLOWSHIP

“For at least the past decade, UBC has been a terrific place to focus on teaching and learning.

The enthusiasm of colleagues and students, the support from all levels at the university, and the opportunities through the Carl Wieman Science Education Initiative and beyond have all helped me do my best work.”

DR. SARA HARRIS

2017

Russ Algar

ASSISTANT PROFESSOR, CHEMISTRY

CANADA RESEARCH CHAIR IN
BIOCHEMICAL SENSING

Dr. Russ Algar works at the interface of bioanalytical, physical and materials chemistry developing new tools for biomedical research and new technologies for the delivery of health care. Specifically, he studies luminescent materials such as quantum dots, polymer dots and lanthanide complexes as components of novel point-of-care diagnostics, cellular probes and other forms of bioanalysis. He has expertise in fluorescence spectroscopy and imaging as well as applications of nanoparticles.

OTHER RECENT AWARDS:

- *Spectroscopy*, Emerging Leader in Molecular Spectroscopy, 2017
- Canadian Society for Chemistry, Fred Beamish Award, 2017
- Michael Smith Foundation for Health Research Scholar, 2014
- Peter Wall Institute for Advanced Studies Early Career Scholar, 2013



2017

Mark Schmidt

ASSISTANT PROFESSOR,
COMPUTER SCIENCE

CANADA RESEARCH CHAIR IN
LARGE-SCALE MACHINE LEARNING

Dr. Mark Schmidt is an expert in the area of machine learning and numerical optimization. He explores how to learn efficiently in new domains, such as social networks and computer vision, and how to maximally use new computing models, such as huge clusters of networked computers. By speeding up the core technologies underlying the use of larger datasets, his work has the potential to affect a wide variety of scientific and engineering disciplines that produce huge datasets, in both academia and industry.



SLOAN RESEARCH FELLOWSHIP

THE SLOAN RESEARCH FELLOWSHIP recognizes early-career scientists and scholars in Canada and the United States whose achievements and potential identify them as rising stars in the academic community. Since 1955, Sloan Research Fellows have gone on to win 43 Nobel Prizes, 16 Fields Medals, 69 National Medals of Science, 16 John Bates Clark Medals and numerous other distinguished awards. More than 20 UBC Science researchers have been awarded the fellowship since 1984.

RECENT SLOAN RESEARCH FELLOWS

2016

Katherine Ryan

ASSISTANT PROFESSOR, CHEMISTRY

2015

Stephanie Waterman

ASSISTANT PROFESSOR, EARTH, OCEAN
AND ATMOSPHERIC SCIENCES

2013

Mary O'Connor

ASSOCIATE PROFESSOR, ZOOLOGY

Nick Harvey

ASSOCIATE PROFESSOR,
COMPUTER SCIENCE

CANADA COUNCIL FOR THE ARTS KILLAM PRIZE

THE KILLAM PRIZES are among the most prestigious research prizes in Canada. They recognize Canadian scientists whose lifetime of work has impacted Canadians and citizens around the world. Each year, one \$100,000 prize is awarded in each of the fields of humanities, social sciences, natural sciences, health sciences and engineering.



2015

Vijay Bhargava

PROFESSOR, ELECTRICAL AND
COMPUTER ENGINEERING

Dr. Vijay Bhargava has had a profound impact in the field of wireless communications. Practical applications of his research include wireless networks that support 3D multimedia, gaming, device-to-device communications, e-health and social networks. His current research interests are in the areas of fifth-generation (5G) wireless communications and cognitive spectrum access, expected to be the norm for future wireless networks.

OTHER RECENT AWARDS:

- Humboldt Research Award, 2015
- Canadian Award for Telecommunications Research, 2015

“Since UBC opened its doors to me as a research fellow in 1981, its dynamic ecosystem has greatly facilitated our research and innovation, as well as our ability to disseminate and implement our discoveries.”

DR. JULIO MONTANER



2017

Julio Montaner

UNIVERSITY KILLAM PROFESSOR, MEDICINE

UBC AND ST. PAUL'S HOSPITAL
FOUNDATION CHAIR IN AIDS RESEARCH

DIRECTOR, BC CENTRE FOR EXCELLENCE
IN HIV/AIDS

PHYSICIAN PROGRAM DIRECTOR,
HIV/AIDS PROGRAM, ST. PAUL'S HOSPITAL,
PROVIDENCE HEALTHCARE

Dr. Julio Montaner has devoted himself to improving the care and treatment of people with HIV/AIDS for more than three decades. His work on highly active antiretroviral therapy and the creation of the Treatment as Prevention® (TasP®) strategy is credited with saving millions of lives around the world. He is the architect of the United Nations 90-90-90 Target, aimed at ending HIV/AIDS as a public health threat by 2030. He is currently working to adapt his TasP® strategy to the control of viral hepatitis.

OTHER RECENT AWARDS:

- CIHR Barer-Flood Prize in Health Services and Policy Research, 2015
- Royal Society of Canada, McLaughlin Medal, 2015
- Canadian Aboriginal AIDS Network, Award of Recognition, 2015
- Canadian Medical Hall of Fame, 2015
- Officer of the Order of Canada, 2014
- Canadian Medical Association, Frederic Newton Gisborne Starr, 2013
- Rx&D Health Research Foundation, Medal of Honour, 2013
- Argentina Senate of the Nation, 2013
- Three honorary doctorates

2015

Janet Werker

UNIVERSITY KILLAM PROFESSOR,
PSYCHOLOGY

CANADA RESEARCH CHAIR IN PSYCHOLOGY

Dr. Janet Werker is internationally recognized for her research investigating the perceptual foundations of language acquisition in both monolingual- and bilingual-learning infants. Her research focuses on understanding the roots of language acquisition by studying speech perception in infancy, the mechanisms by which native speech sound categories are acquired, and how speech perception supports early word learning. She is a founder and co-director of UBC's innovative interdisciplinary Language Sciences Initiative, which supports both interdisciplinary research and new approaches to undergraduate teaching.

RECENT RECOGNITION:

- Order of Canada, Officer, 2017
- Pickering Award for Outstanding Contribution to Developmental Psychology in Canada, 2017
- Featured as an innovator in *Ingenious*, co-authored by David Johnston and Tom Jenkins, 2017
- Listed as a "Great Canadian Thinkers in the Social Sciences and Humanities" *Canada's Fundamental Science Review*, 2017
- American Academy of Arts and Sciences, Fellow, 2014
- Cognitive Science Society, Fellow, 2013

SOCIAL SCIENCES AND HUMANITIES RESEARCH COUNCIL GOLD MEDAL IMPACT AWARD

THE GOLD MEDAL IMPACT AWARD is the Social Sciences and Humanities Research Council of Canada's highest research honour. It is awarded to an individual whose sustained leadership, dedication and originality of thought have inspired students and colleagues alike. The exceptional quality and impact of the recipient's research greatly enriches Canadian society and contributes to social, cultural, economic and intellectual life in Canada and internationally.

"It is exciting and inspiring to be part of a university that keeps seeking new ways to enable researchers to ask both targeted and big questions. I attribute my success in large part to UBC's collaborative, interdisciplinary environment, which encourages and enables researchers to take risks at every stage of their careers."

DR. JANET WERKER



2014

Kevin Leyton-Brown

PROFESSOR, COMPUTER SCIENCE

Dr. Kevin Leyton-Brown studies the intersection of computer science and microeconomics, addressing computational problems in economic contexts and incentive issues in multiagent systems. He also applies machine learning to the automated design and analysis of algorithms for solving hard computational problems.

OTHER RECENT AWARDS:

- Association for the Advancement of Artificial Intelligence, Fellow, 2018
- ICON Challenge on Algorithm Selection, First Place, 2015
- Canadian Association for Computer Science, Outstanding Young Computer Science Researcher Award, 2013
- Google Faculty Research Award, 2013



E.W.R. STEACIE MEMORIAL FELLOWSHIP

THE E.W.R. STEACIE MEMORIAL FELLOWSHIP is awarded by the Natural Sciences and Engineering Research Council of Canada to enhance the career development of promising early-career scientists who are earning a strong international reputation for original research. Successful fellows are relieved of teaching and administrative duties so that they can devote all their time and energy to research.

2016

Curtis Berlinguette

PROFESSOR, CHEMISTRY, AND
CHEMICAL AND BIOLOGICAL
ENGINEERING

CANADA RESEARCH CHAIR IN SOLAR
ENERGY CONVERSION

Dr. Curtis Berlinguette is committed to translating fundamental discoveries in clean energy conversion technologies into commercially viable devices. His research program is focused on advanced solar cells, and converting atmospheric CO₂ into useful fuels and chemicals using renewable electricity.

OTHER RECENT AWARDS:

- Royal Society of Canada, Rutherford Memorial Medal in Chemistry, 2016
- Canadian Society for Chemistry, Strem Chemicals Award for Pure or Applied Inorganic Chemistry, 2016
- Canadian Institute for Advanced Research, Fellow, 2015



“UBC attracts the best talent from around the world. The energy and creativity that these students bring to my program have enabled us to tackle the most challenging science and engineering problems facing society today.”

DR. CURTIS BERLINGUETTE

2017

Daniel Pauly

UNIVERSITY KILLAM PROFESSOR,
INSTITUTE FOR THE OCEANS AND
FISHERIES, AND ZOOLOGY

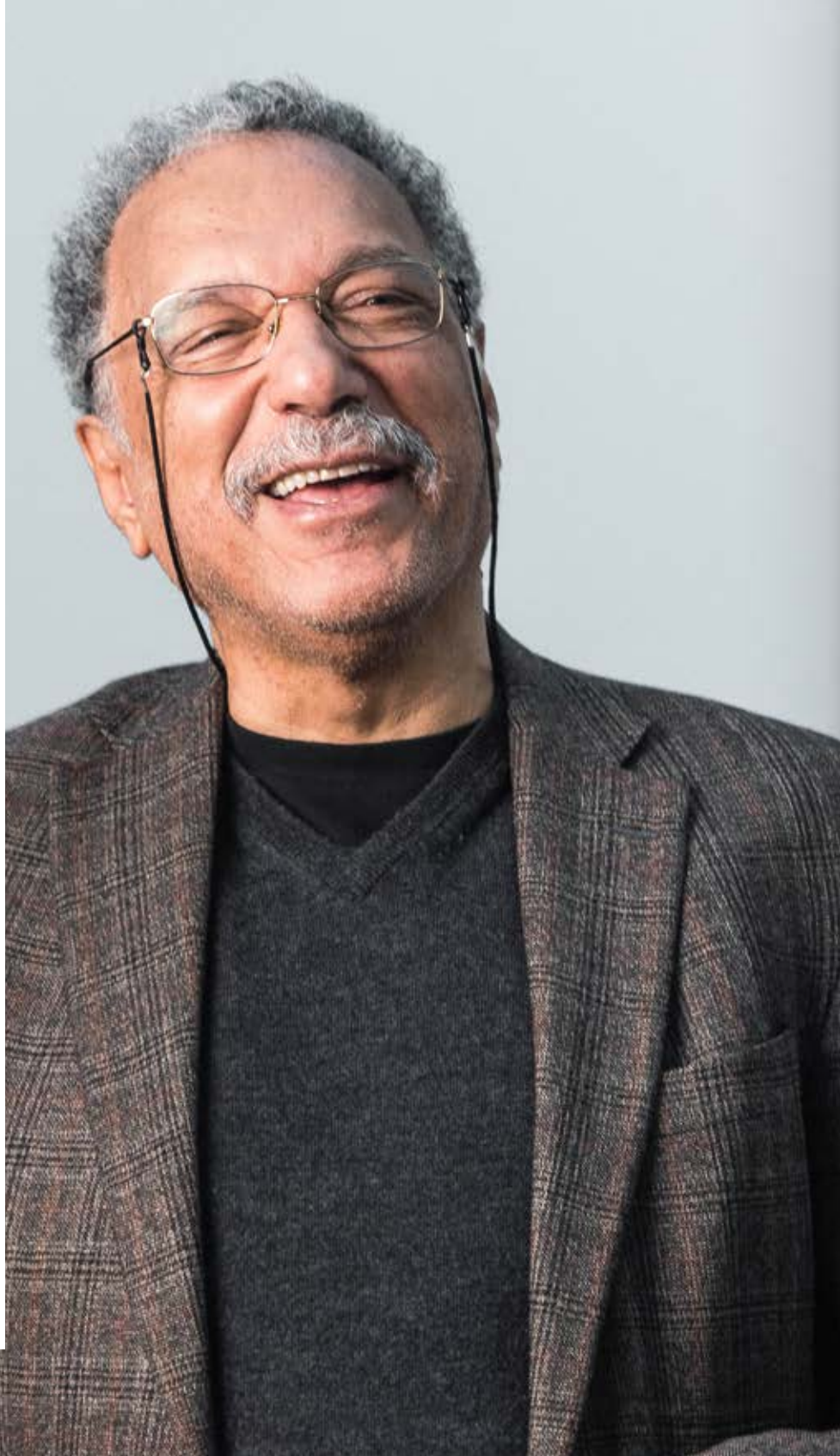
SIR JOHN WILLIAM DAWSON MEDAL RECIPIENT

The award recognizes important and sustained contributions in two domains of interest or in interdisciplinary research. The medal is awarded every two years if there is a suitable candidate.

Dr. Daniel Pauly is Principal Investigator for Sea Around Us, devoted to studying, documenting and promoting policies to mitigate the impact of fisheries on the world's marine ecosystems. A lack of accurate or comprehensive data makes efforts to stem the tide of overfishing difficult, limiting the chances of success. The Sea Around Us provides one part of the solution: reconstructed catch data for fisheries across the globe.

OTHER RECENT AWARDS:

- Chevalier de la Légion d'Honneur, 2017
- Blue Marine Foundation and Boat International, Ocean Award (Science), 2017
- Radio Canada, Scientifique de l'année, 2016
- Institut Océanographique, Albert 1er Fondation de Monaco, Grande Médaille (Science), 2016
- Peter Benchley Ocean Award, 2015
- American Association for the Advancement of Science, Fellow, 2015



2017

Ingrid Stairs

PROFESSOR, PHYSICS AND ASTRONOMY

RUTHERFORD MEMORIAL MEDAL RECIPIENT

The medals are awarded for outstanding research in any branch of physics and chemistry. Some preference is given to candidates under 40. The awards are offered every year if there is a suitable candidate.

Dr. Ingrid Stairs uses the world's largest radio telescopes to study pulsars, dense neutron stars derived from the cores of massive stars that have undergone supernova explosions. Pulsars emit lighthouse-like beams of radio waves that can be detected every time the neutron star spins. Monitoring the spin rates of pulsars over months and years leads to an enormous range of astrophysical results. At one extreme is an improved understanding of the nature of matter at ultra-high densities; at the other are the most stringent tests to date of general relativity in the strong-field regime.

OTHER RECENT AWARDS:

- Canadian Astronomical Society, Peter G. Martin Award for Mid-Career Achievement, 2017
- Canadian Institute for Advanced Research, Senior Fellow, 2014



ROYAL SOCIETY OF CANADA MEDALS

THE ROYAL SOCIETY OF CANADA: THE ACADEMIES OF ARTS, HUMANITIES AND SCIENCES OF CANADA is Canada's National Academy, the senior collegium of distinguished scholars, artists and scientists in the country. The primary objective of the Society is to promote learning and research in the arts, humanities, and the natural and social sciences. It presents a number of awards and medals to its members.

RECENT ROYAL SOCIETY OF CANADA MEDAL RECIPIENTS

2017 — MCLAUGHLIN MEDAL

Julio Montaner

PROFESSOR, MEDICINE

The McLaughlin Medal is awarded for important research of sustained excellence in any branch of medical sciences.

2016 — RUTHERFORD MEMORIAL MEDAL

Curtis Berlinguette

PROFESSOR, CHEMISTRY, AND
CHEMICAL AND BIOLOGICAL
ENGINEERING

2013 — RUTHERFORD MEMORIAL MEDAL

Mark MacLachlan

PROFESSOR, CHEMISTRY

WIGHTON FELLOWSHIP

AWARDED BY THE National Council of Deans of Engineering and Applied Science and the Sandford Fleming Foundation, the Wighton Fellowship is a national award that recognizes excellence in the development and teaching of laboratory-based courses in Canadian undergraduate engineering programs.

2017

Peter Ostafichuk

PROFESSOR OF TEACHING,
MECHANICAL ENGINEERING

Dr. Peter Ostafichuk is a catalyst for change in engineering education. He was instrumental in transforming elements of UBC's Mechanical Engineering program from its traditional format by introducing team-based and project-based learning features and organizing design competitions involving engineer-client simulations. He has become a role model for other professors and has worked with other institutions, supporting them as they revise their engineering programs. His teaching is about the kind of "deep learning" that is transformational for the lives of students and that strives to change the world.

OTHER RECENT AWARDS:

- 3M National Teaching Fellowship, 2015

KAVLI FELLOWSHIP

KAVLI FELLOWS ARE selected by members of the National Academy of Sciences to attend their premiere event for distinguished young scientists, the Kavli Frontiers of Science symposium series. Attendees are selected from among award winners for early career scientists in the United States and abroad: Sloan Fellows, Packard Fellows, MacArthur Genius Grantees, Pew Fellows, Searle Scholars and Presidential Early Career Awardees for Scientists and Engineers.

2015

Roman Krems

PROFESSOR, THEORETICAL CHEMISTRY
DISTINGUISHED UNIVERSITY SCHOLAR

Dr. Roman Krems aims to understand the dynamics of few- and many-body quantum systems. His current research focuses on dynamics of molecules in the presence of electromagnetic fields in order to understand how to exploit molecule-field interactions for controlling microscopic reactions, building new quantum devices and assembling unique quantum systems that do not naturally exist. He is also exploring applications of machine learning for solving problems in physics and chemistry.

OTHER RECENT AWARDS:

- Centre de Mécanique Ondulatoire Appliquée, Promising Scientist Prize, 2016
- Royal Society College of New Scholars, Artists and Scientists, Member, 2016
- American Physical Society, Fellow, 2015
- Canadian Society for Chemistry, Keith Laidler Award, 2013

2013

Sheryl Lightfoot

ASSOCIATE PROFESSOR, FIRST NATIONS AND INDIGENOUS STUDIES
AND POLITICAL SCIENCE

CANADA RESEARCH CHAIR IN GLOBAL INDIGENOUS RIGHTS AND POLITICS

Dr. Sheryl Lightfoot investigates the implications of global Indigenous rights for Indigenous peoples, states, and the international system, and seeks to clarify what the implementation of Indigenous peoples' rights means in theory and in practice.

Her 2016 book, *Global Indigenous Politics: A Subtle Revolution*, highlights the fundamental changes involved in Indigenous rights implementation and challenges both states and Indigenous peoples to re-formulate their relationship in accordance with its principles. It is an extension of her PhD dissertation, which won the 2010 Best Dissertation Award in Race and Ethnic Politics from the American Political Science Association.

In 2017, she participated in an international expert group meeting on the implementation of the 2007 United Nations Declaration on the Rights of Indigenous Peoples (UNDRIP)

and submitted a statement on best practices and challenges to its implementation in North America. UNDRIP, which was fully supported by Canada in 2016, provides international recognition of the inherent human rights of Indigenous peoples, both as individuals and as collectives, with Indigenous self-determination serving as the core element.

Dr. Lightfoot is currently engaged in two SSHRC-funded, major multi-national studies. The first, "The Politics of State Apologies to Indigenous Peoples," is nearing completion, and the second, "Complex Sovereignties: Theories and Practices of Indigenous Self-Determination in Settler States and the International System," received a five-year grant in May 2017. She is Anishinaabe from the Lake Superior Band of Ojibwe.



CANADA RESEARCH CHAIRS

THE CANADA RESEARCH CHAIRS PROGRAM stands at the centre of a national strategy to make Canada a global powerhouse in research and development. It invests approximately \$265 million each year to attract and retain highly accomplished and promising researchers. The tri-agency initiative has established 2,000 Canada Research Chairs across the country: 187 are allocated to UBC. Since the program's inception in 2000, 251 UBC faculty members have held Canada Research Chairs.

"UBC's unwavering commitment to ensuring that Indigenous initiatives are central to its mission has helped grow and develop one of the top Indigenous Studies programs in North America and the premier centre for the study of Indigenous politics. Its ongoing support for Indigenous scholarship has significantly contributed to my research success and professional growth."

DR. SHERYL LIGHTFOOT

CANADIAN INSTITUTE OF HEALTH RESEARCH (CIHR) GOLD LEAF PRIZE FOR IMPACT

CIHR'S SUITE OF PRIZES, the CIHR Gold Leaf Prizes, are among the highest honours that can be bestowed on an individual or team for excellence in health research and its translation into benefits for Canadians. Each CIHR Gold Leaf Prize has a value of \$100,000. The CIHR Gold Leaf Prize for Impact is awarded to an individual or team for health research with a proven impact on health outcomes, practices, policies, and/or on the health system.

NATURAL SCIENCES AND ENGINEERING RESEARCH COUNCIL OF CANADA (NSERC) SYNERGY AWARDS FOR INNOVATION

NSERC'S ANNUAL SYNERGY AWARDS FOR INNOVATION recognize examples of collaboration that stand as models of effective partnership between industry and colleges or universities.

2016

BC Centre for Excellence in HIV/AIDS

DIRECTOR, JULIO MONTANER (PICTURED ON PAGE 17)

PICTURED: (LEFT) ROLANDO BARRIOS, CLINICAL PROFESSOR, SCHOOL OF POPULATION AND PUBLIC HEALTH, MEDICINE, AND ASSISTANT DIRECTOR, BC CENTRE FOR EXCELLENCE IN HIV/AIDS; (RIGHT) VIVIANE DIAS LIMA, ASSOCIATE PROFESSOR, MEDICINE, AND RESEARCH SCIENTIST AND SENIOR STATISTICIAN, BC CENTRE FOR EXCELLENCE IN HIV/AIDS

Since 1992, the British Columbia Centre for Excellence in HIV/AIDS (BC-CfE) has been providing care and treatment for those living with HIV. Its influence stretches from the molecule to the community; from work on clinical trials of HIV drugs to educating health care professionals; to promoting evidence-based policy to help protect people from contracting the virus. In 1996, BC-CfE played the lead role in the development and implementation of HAART as the first effective treatment for HIV and AIDS. In 2006, the centre initiated its made-in-BC Treatment as Prevention® (TasP®) strategy, which expanded coverage to all HIV-infected individuals in defined jurisdictions in order to stop the HIV/AIDS pandemic. In BC alone, this has led to a nearly 90% reduction in AIDS incidence and AIDS-related mortality, with a concomitant 80% reduction in new diagnoses. The BC-CfE has started to adapt, evaluate and expand TasP® to other contagious diseases to promote better individual and public health outcomes. The next target is Hepatitis C virus (HCV) infection.



2017

Guy Dumont

PROFESSOR, ELECTRICAL AND COMPUTER ENGINEERING

Dr. Guy Dumont partnered with LionsGate Technologies to develop the Kenek O2, a small, easy-to-use medical diagnostic tool that connects to the audio port of a mobile device. Patients clip a sensor onto their finger, and an app on the device tests for signs of easily preventable diseases such as pneumonia, sepsis and pre-eclampsia. Currently, the sensor—a pulse oximeter—measures blood oxygen saturation and heart rate, but Dumont and LionsGate Technologies have plans to improve their device to measure multiple vital signs including respiration, and—through the use of additional sensors—blood pressure and body temperature, greatly expanding the range of ailments it can diagnose.

The Kenek O2 has already been approved by Health Canada, and now Dumont and LionsGate Technologies are bringing their mobile health innovation to the world. They are establishing partnerships in Africa, China and India, as the Kenek O2 will be particularly useful in remote and developing regions where access to hospitals is limited.

OTHER RECENT AWARDS:

- Royal Society of Canada, Fellow, 2017
- International Federation of Automatic Control, Fellow, 2017





2017

Michael Hayden

UNIVERSITY KILLAM PROFESSOR,
MEDICAL GENETICS

SENIOR SCIENTIST, CENTRE FOR
MOLECULAR MEDICINE AND THERAPEUTICS

Dr. Michael Hayden focuses on understanding the genetic roots of illness and using that understanding to develop better approaches to diagnosis and treatment for patients. He researches diabetes, coronary artery disease and the genetic basis for adverse drug reactions in children. Much of his career has also been dedicated to understanding the development of Huntington Disease (HD) and finding ways to predict and improve outcomes for patients and their families. His efforts resulted in the approval of a drug to treat symptoms of HD, the second drug for HD ever to be approved.

RECENT RECOGNITION:

- *PharmaVOICE*, One of 100 Most Inspiring People in the Pharmaceutical Industry, 2015
- University of Göttingen, Honorary Doctor of Medicine, 2014
- Personalized Medicine World Conference, Luminary, 2014
- Huntington's Disease Society of America, Milton Wexler Research Excellence Award, 2013
- Profiled in *50 Canadians Who Changed the World*, Ken McGoogan, 2013



2015

Judith Hall

PROFESSOR EMERITA, MEDICAL
GENETICS, AND PEDIATRICS

Dr. Judith Hall has been at the international forefront of genetics and pediatrics for more than four decades. She specialized in the genetic factors that affect lack of children's growth, including the mechanism of neural tube defects, the genetics of short stature, and the genetics of connective tissue disorders such as arthrogryposis, dwarfism and monozygotic twins. Dr. Hall helped to clarify medical understanding of how folic acid helps reduce birth defects and identified many new syndromes, types of arthrogryposis, and short stature. Data from her research is available in the *Handbook of Physical Measurements*, an essential resource for physicians worldwide.

OTHER RECENT AWARDS:

- Canadian College of Medical Genetics, Founders Award for Excellence in Medical Genetics, 2013

THE CANADIAN MEDICAL HALL OF FAME

THE CANADIAN MEDICAL HALL OF FAME recognizes and celebrates Canadian heroes whose work has advanced health, thereby inspiring the pursuit of careers in the health sciences.

RECENT CANADIAN MEDICAL HALL OF FAME INDUCTEES

2018

Brett Finlay

PROFESSOR, MICROBIOLOGY AND
IMMUNOLOGY, AND BIOCHEMISTRY
AND MOLECULAR BIOLOGY

2015

Julio Montaner

PROFESSOR, MEDICINE

2014

Max Cynader

PROFESSOR, OPHTHALMOLOGY

2016

Dorothy Shaw

VICE PRESIDENT, MEDICAL AFFAIRS,
BC WOMEN'S HOSPITAL

CLINICAL PROFESSOR, OBSTETRICS
AND GYNAECOLOGY

OFFICER OF THE ORDER OF CANADA

A leader in the fields of perinatal and women's health, Dr. Dorothy Shaw is highly regarded as an advocate for women's rights and for improving the health of women, newborns and children, internationally. As president of the Society of Obstetricians and Gynaecologists of Canada and as the first woman president of the International Federation of Gynaecologists and Obstetricians, she was instrumental in developing many reproductive health policies in Canada and throughout the world. In 2010, Dr. Shaw was appointed as Canada's spokesperson for the G8/G20 Summits for the Partnership for Maternal, Newborn and Child Health, a global partnership working to improve the health of all women and children. The same year, she was invited to be the inaugural chair of the Canadian Network for Maternal, Newborn Child Health. Dr. Shaw also produced an award-winning documentary *The Cutting Tradition: Insights into FGM*.

OTHER RECENT AWARDS:

- Canadian Society of Physician Executives, Chris Carruthers Excellence in Medical Leadership Award, 2015
- American College of Obstetricians and Gynecologists Distinguished Service Award, 2015

ORDER OF CANADA

ORDER OF BRITISH COLUMBIA

ESTABLISHED IN 1967 by Her Majesty Queen Elizabeth II, the Order of Canada is the cornerstone of the Canadian Honours System, and recognizes outstanding achievement, dedication to the community and service to the nation.

THE ORDER OF BRITISH COLUMBIA recognizes those who have served with the greatest distinction and excelled in any field or endeavour benefitting the people of the Province or elsewhere.

RECENT ORDER OF CANADA AND ORDER OF BRITISH COLUMBIA RECIPIENTS

ORDER OF CANADA

2017

OFFICERS

Michael Church

PROFESSOR EMERITUS, GEOGRAPHY

Anne Martin-Matthews

PROFESSOR, SOCIOLOGY

Janet Werker

PROFESSOR, PSYCHOLOGY

Kenneth Lum

FORMER PROFESSOR, ART HISTORY,
VISUAL ART AND THEORY

MEMBERS

Martin Gleave

PROFESSOR AND HEAD,
UROLOGIC SCIENCES

Judy Illes

PROFESSOR, NEUROLOGY

2016

MEMBERS

Elaine Carty

PROFESSOR EMERITA, FAMILY PRACTICE

Jan Christilaw

CLINICAL PROFESSOR, OBSTETRICS
AND GYNAECOLOGY

Michael Klein

PROFESSOR EMERITUS, FAMILY PRACTICE

2015

OFFICERS

Kenneth Craig

PROFESSOR EMERITUS, PSYCHOLOGY

Nassif Ghoussoub

PROFESSOR, MATHEMATICS

MEMBERS

Adeera Levin

PROFESSOR, NEPHROLOGY

Anthony Phillips

PROFESSOR, PSYCHIATRY

2014

OFFICER

Julio Montaner

PROFESSOR, MEDICINE

MEMBERS

Marcia Boyd

PROFESSOR EMERITA, DENTISTRY

Joanne Douglas

CLINICAL PROFESSOR EMERITA,
ANESTHESIOLOGY, PHARMACOLOGY
AND THERAPEUTICS

Olav Slaymaker

PROFESSOR EMERITUS, GEOGRAPHY

2013

OFFICERS

Sherrill Grace

PROFESSOR EMERITA, ENGLISH

John Grace

PROFESSOR EMERITUS, CHEMICAL
AND BIOLOGICAL ENGINEERING

Nancy Hermiston

PROFESSOR, SCHOOL OF MUSIC

MEMBER

James (Hamish) Kimmins

PROFESSOR EMERITUS, FOREST SCIENCES

ORDER OF BRITISH COLUMBIA

2017

Gary Birch

ADJUNCT PROFESSOR, ELECTRICAL AND
COMPUTER ENGINEERING

Elaine Carty

PROFESSOR EMERITA, FAMILY PRACTICE

Jiri Frohlich

PROFESSOR EMERITUS, PATHOLOGY
AND LABORATORY MEDICINE

Stanley Hamilton

PROFESSOR EMERITUS, URBAN LAND
ECONOMICS, AND FINANCE

Rosamund Harrison

PROFESSOR EMERITA, DENTISTRY

2016

Allen Eaves

PROFESSOR EMERITUS, MEDICINE, AND
PATHOLOGY AND LABORATORY MEDICINE

Eric Yoshida

PROFESSOR, MEDICINE

2014

Aubrey Tingle

PROFESSOR EMERITUS, PEDIATRICS

James Hogg

PROFESSOR EMERITUS, PATHOLOGY

John Cairns

PROFESSOR, CARDIOLOGY

William Clifford

CLINICAL INSTRUCTOR, FAMILY PRACTICE

2013

Charles Scudamore

ASSOCIATE PROFESSOR, SURGERY

Paula Gordon

CLINICAL PROFESSOR, RADIOLOGY

PIERRE ELLIOTT TRUDEAU FOUNDATION FELLOWSHIP

THE PIERRE ELLIOTT TRUDEAU FOUNDATION fellowship offers sustained support to intellectuals who are recognized for their productivity, their commitment to communicating their findings to the public and their ability to imagine innovative solutions to some of the major issues facing society.

This award will support a team co-led by Karen Bakker (UBC) and Aimée Craft (University of Ottawa) which includes Indigenous knowledge keepers, community partners, scholars and artists, as well as UBC faculty members Gordon Christie, Glen Coulthard, Michelle Daigle, Leila Harris, Sarah Hunt, Mark Johnson and Linc Kesler.

Acknowledgement of territory:

The meeting pictured below took place in the territory of Skwxwú7mesh Úxwumixw (Squamish Nation).



2017

Sustainable Water Governance and Indigenous Law

A team of UBC researchers has been gathering since 2015 in collaboration with Indigenous community organizations.

The reciprocal relationships that have been established on and with the land and water led to a major Partnership Grant on Sustainable Water Governance and Indigenous Law and several awards.

Working with Indigenous communities, the team prioritizes Indigenous laws as the guiding framework for research and relationship-building. This reflects the collective commitment to reconciliation and decolonization.

OTHER RECENT AWARDS:

- Social Sciences & Humanities Research Council (SSHRC) Impact Award, Connection category, 2017

PIERRE ELLIOTT TRUDEAU FOUNDATION FELLOWSHIP

PHOTO CREDIT: ZACK EMBREE / NEW ENERGY MEDIA

INTERNATIONAL AND NATIONAL FELLOWS

UBC FACULTY MEMBERS continue to be recognized by their peers, with many being honoured as fellows of national and international academic societies.

Royal Society of Canada

The fellowship of the Royal Society of Canada is comprised of distinguished scholars from all branches of learning who have made remarkable contributions in the arts, the humanities and the sciences as well as in Canadian public life.

2017

Sally Aitken

PROFESSOR, FOREST AND
CONSERVATION SCIENCES

Michael Devereux

PROFESSOR, VANCOUVER SCHOOL
OF ECONOMICS

Guy Dumont

PROFESSOR, ELECTRICAL AND
COMPUTER ENGINEERING

Margery Fee

PROFESSOR, ENGLISH

Gary Hinshaw

PROFESSOR, PHYSICS AND ASTRONOMY

Dominic Lopes

PROFESSOR, PHILOSOPHY

Laurel Schafer

PROFESSOR, CHEMISTRY

Jiujun Zhang

ADJUNCT PROFESSOR, CHEMICAL AND
BIOLOGICAL ENGINEERING

2016

Samuel Aparicio

PROFESSOR, PATHOLOGY AND
LABORATORY MEDICINE

Charlotte Froese Fischer

AFFILIATE PROFESSOR,
COMPUTER SCIENCE

Steven Heine

PROFESSOR, PSYCHOLOGY

Tina Loo

PROFESSOR, HISTORY

Bonny Norton

PROFESSOR, LANGUAGE AND
LITERACY EDUCATION

Dominique Weis

PROFESSOR, EARTH, OCEAN AND
ATMOSPHERIC SCIENCES

2015

Jörg Bohlmann

PROFESSOR, FOREST SCIENCE
AND BOTANY

Robert Brunham

PROFESSOR, INFECTIOUS DISEASES

Anthony Farrell

PROFESSOR, ZOOLOGY, AND
LAND AND FOOD SYSTEMS

Roger Francois

PROFESSOR, EARTH, OCEAN AND
ATMOSPHERIC SCIENCES

Joshua Mostow

PROFESSOR, ASIAN STUDIES

Gail Murphy

PROFESSOR, COMPUTER SCIENCE

Pitman Potter

PROFESSOR, PETER A. ALLARD SCHOOL
OF LAW

2014

John Klironomos

PROFESSOR, BIOLOGY

Mark MacLachlan

PROFESSOR, CHEMISTRY

Harvey Richer

PROFESSOR, PHYSICS AND ASTRONOMY

Michael Richards

PROFESSOR, ANTHROPOLOGY

David Wilkinson

PROFESSOR, CHEMICAL AND
BIOLOGICAL ENGINEERING

2013

Timothy Brook

PROFESSOR, HISTORY

Richard Keith Humphries

PROFESSOR, MEDICINE, TERRY FOX
LABORATORY, AND BC CANCER AGENCY

Peter Lansdorp

PROFESSOR, MEDICAL GENETICS,
TERRY FOX LABORATORY, AND
BC CANCER AGENCY

Victor Leung

PROFESSOR, ELECTRICAL AND
COMPUTER ENGINEERING

Douglas Oldenburg

PROFESSOR, EARTH, OCEAN AND
ATMOSPHERIC SCIENCES

Jamie Peck

PROFESSOR, GEOGRAPHY

Evan Thompson

PROFESSOR, PHILOSOPHY

National Academy of Sciences

Members are elected to the National Academy of Sciences in recognition of their distinguished and continuing achievements in original research. Membership is a widely accepted mark of excellence in science and is considered one of the highest honours that a scientist can receive. The NAS membership totals approximately 2,250 members and nearly 440 foreign associates, of whom approximately 200 have received Nobel Prizes.

2017

Dolph Schluter

PROFESSOR, ZOOLOGY

2016

Philip Hieter

PROFESSOR, MEDICAL GENETICS, AND BIOCHEMISTRY AND MOLECULAR BIOLOGY

2013

Sally Otto

UNIVERSITY KILLAM PROFESSOR, ZOOLOGY

American Association for the Advancement of Science

Election as a Fellow of the American Association for the Advancement of Science is an honour bestowed upon members by their peers. Fellows are recognized for meritorious efforts to advance science or its applications. In a tradition stretching back to 1874, these individuals are recognized for their extraordinary achievements across disciplines.

2015

Marc Parlange

PROFESSOR, CIVIL ENGINEERING

Kiran Soma

PROFESSOR, PSYCHOLOGY

2014

Laurel Schafer

PROFESSOR, CHEMISTRY

2013

Steve Hallam

ASSOCIATE PROFESSOR, MICROBIOLOGY AND IMMUNOLOGY

John Klironomos

PROFESSOR, BIOLOGY

Daniel Pauly

PROFESSOR, INSTITUTE FOR THE OCEANS AND FISHERIES, AND ZOOLOGY

Canada Council for the Arts Killam Research Fellowship

The Killam Research Fellowships are release time awards that provide support to scholars of exceptional ability who are engaged in research projects of broad significance and widespread interest within the disciplines of the humanities, social sciences, natural sciences, health sciences, engineering, or studies linking any of these disciplines.

2017

Dominic Lopes

PROFESSOR, PHILOSOPHY

2016

Susanna Braund

PROFESSOR, CLASSICAL, NEAR EASTERN AND RELIGIOUS STUDIES

2014

Steve Withers

PROFESSOR, CHEMISTRY, AND BIOCHEMISTRY AND MOLECULAR BIOLOGY

Royal Society College of New Scholars, Artists and Scientists

The College of New Scholars, Artists and Scientists is Canada's first national system of multidisciplinary recognition for the emerging generation of Canadian intellectual leadership. The Members of the College are Canadians and Permanent Residents who, at an early stage in their career, have demonstrated a high level of achievement.

2017

George Belliveau

PROFESSOR, LANGUAGE AND LITERACY EDUCATION

Kai Chan

PROFESSOR, INSTITUTE FOR RESOURCES, ENVIRONMENT AND SUSTAINABILITY

Christina Laffin

ASSOCIATE PROFESSOR, ASIAN STUDIES

Joanna McGrenere

PROFESSOR, COMPUTER SCIENCE

Christian Steidl

ASSOCIATE PROFESSOR, PATHOLOGY AND LABORATORY MEDICINE, BC CANCER AGENCY

Zhen (Jane) Wang

PROFESSOR, ELECTRICAL AND COMPUTER ENGINEERING

2016

Purang Abolmaesumi

PROFESSOR, ELECTRICAL AND COMPUTER ENGINEERING

Jehannine Austin

ASSOCIATE PROFESSOR, PSYCHIATRY, AND MEDICAL GENETICS

Molly Elizabeth Babel

ASSOCIATE PROFESSOR, LINGUISTICS

Roman Krems

PROFESSOR, THEORETICAL CHEMISTRY

Shaylih Ryan Muehlmann

ASSOCIATE PROFESSOR, ANTHROPOLOGY

Philippe Tortell

PROFESSOR, EARTH, OCEAN AND ATMOSPHERIC SCIENCES

Katherine White

PROFESSOR, SAUDER SCHOOL OF BUSINESS

2015

Elizabeth Dunn

PROFESSOR, PSYCHOLOGY

2014

Karen Bakker

PROFESSOR, GEOGRAPHY

David Granville

PROFESSOR, PATHOLOGY AND LABORATORY MEDICINE

Nobel Laureates

2017

Richard H. Thaler

ECONOMIC SCIENCES

2002

Daniel Kahneman

ECONOMIC SCIENCES

2001

Carl Wieman

PHYSICS

1999

Robert A. Mundell

ECONOMIC SCIENCES

1994

Bertram N. Brockhouse

PHYSICS

1993

Michael Smith

CHEMISTRY

1989

Hans G. Dehmelt

PHYSICS

1968

H. Gobind Khorana

PHYSIOLOGY OR MEDICINE

Canadian Academy of Health Sciences

Induction into the Canadian Academy of Health Sciences as a Fellow is considered one of the highest honours within Canada's academic community. CAHS Fellows, who serve as unpaid volunteers, are nominated by their institutions and peers and selected in a competitive process based on their internationally recognized leadership, academic performance, scientific creativity and willingness to serve.

2017

Santa J. Ono

PRESIDENT AND VICE-CHANCELLOR

Michael Coughtrie

PROFESSOR AND DEAN,
PHARMACEUTICAL SCIENCES

Lara Boyd

ASSOCIATE PROFESSOR,
PHYSICAL THERAPY

Jehannine Austin

ASSOCIATE PROFESSOR, PSYCHIATRY,
AND MEDICAL GENETICS

2016

Timothy Oberlander

PROFESSOR, DEVELOPMENTAL
PEDIATRICS

2015

Dana Devine

PROFESSOR, PATHOLOGY AND
LABORATORY MEDICINE

Michael MacEntee

PROFESSOR EMERITUS, PROSTHODONTICS

Jean Shoveller

PROFESSOR, SCHOOL OF POPULATION
AND PUBLIC HEALTH

Colleen Varcoe

PROFESSOR, NURSING

Roger Wong

CLINICAL PROFESSOR, GERIATRIC
MEDICINE

2014

Steven J. M. Jones

PROFESSOR, MEDICAL GENETICS

Adeera Levin

PROFESSOR, NEPHROLOGY

Victor Ling

PROFESSOR, PATHOLOGY AND
LABORATORY MEDICINE

Kirk Raymond Schultz

PROFESSOR, HEMATOLOGY AND
ONCOLOGY, AND PEDIATRICS

Garth Loren Warnock

C.N. WOODWARD PROFESSOR, SURGERY

2013

Carolyn Gotay

PROFESSOR, SCHOOL OF POPULATION
AND PUBLIC HEALTH

Kendall Ho

PROFESSOR, EMERGENCY MEDICINE

Elizabeth Saewyc

PROFESSOR, NURSING

American Academy of Arts and Sciences

The Academy membership encompasses over 4,600 Fellows and 600 Foreign Honorary Members and reflects the full range of disciplines and professions: mathematics, the physical and biological sciences, medicine, the social sciences and humanities, business, government, public affairs and the arts. Among the Academy's Fellows are more than 250 Nobel laureates and 60 Pulitzer Prize winners.

2016

Sally Otto

UNIVERSITY KILLAM PROFESSOR,
ZOOLOGY

2014

Janet Werker

PROFESSOR, PSYCHOLOGY

2013

Michael C. Whitlock

PROFESSOR, ZOOLOGY

Canadian Academy of Engineering

Election to the Canadian Academy of Engineering is one of the highest professional honours accorded an engineer. Fellows have distinguished themselves in different sectors including business, academia and government, and in different roles such as business management, executive management, technical and university faculty.

2017

Choon (Jim) Lim

PROFESSOR, CHEMICAL AND
BIOLOGICAL ENGINEERING

James Olson

PROFESSOR, MECHANICAL ENGINEERING

Marc Parlange

PROFESSOR, CIVIL ENGINEERING

Perry Adebar

PROFESSOR, CIVIL ENGINEERING

2016

Elizabeth Croft

PROFESSOR, MECHANICAL ENGINEERING

Steve Cockcroft

PROFESSOR, MATERIALS ENGINEERING

2014

Xiaotao (Tony) Bi

PROFESSOR, CHEMICAL AND
BIOLOGICAL ENGINEERING

2013

Dharma Wijewickreme

PROFESSOR, CIVIL ENGINEERING

Panos Nasiopoulos

PROFESSOR, ELECTRICAL AND
COMPUTER ENGINEERING

Tarek Sayed

PROFESSOR, CIVIL ENGINEERING

Savvas Hatzikiriakos

PROFESSOR, CHEMICAL AND
BIOLOGICAL ENGINEERING

National Academy of Engineering

Election to the National Academy of Engineering is among the highest professional distinctions accorded to an engineer. Elected by their peers, members have distinguished themselves in business and academic management, in technical positions, as university faculty and as leaders in government and private engineering organizations.

2017

Marc Parlange

PROFESSOR, CIVIL ENGINEERING

John Simon Guggenheim Memorial Foundation

Guggenheim Fellowships are intended for individuals who have demonstrated exceptional capacity for productive scholarship or exceptional creative ability in the arts. The Foundation receives approximately 3,000 applications each year: approximately 175 Fellowships are awarded.

2017

Bryan Gick

PROFESSOR, LINGUISTICS

2015

Michael Doebeli

PROFESSOR, ZOOLOGY AND
MATHEMATICS

Dominic Lopes

PROFESSOR, PHILOSOPHY

Glenda Laws Award

The Glenda Laws Award recognizes early to mid-career scholars for outstanding contributions to geographic research on social issues. Administered by the American Association of Geographers and endorsed by members of the Institute of Australian Geographers, the Canadian Association of Geographers and the Institute of British Geographers, the annual award is named in memory of Glenda Laws — a geographer who brought energy and enthusiasm to her work on issues of social justice and social policy.

2017

Sarah Hunt

ASSISTANT PROFESSOR, FIRST NATIONS AND INDIGENOUS STUDIES, AND GEOGRAPHY

2014

Juanita Sundberg

ASSOCIATE PROFESSOR, GEOGRAPHY

National Academy of Inventors

Election to National Academy of Inventors Fellow status is the highest professional distinction accorded solely to academic inventors who have demonstrated a prolific spirit of innovation in creating or facilitating outstanding inventions that have made a tangible impact on quality of life, economic development and the welfare of society. There are 912 Fellows worldwide representing more than 250 prestigious universities and governmental and non-profit research institutes. Collectively, the Fellows hold more than 32,000 issued U.S. patents, which have generated over 9,400 licensed technologies and companies, created more than 1.3 million jobs and generated over \$137 billion in revenue.

2017

Pieter Cullis

PROFESSOR, BIOCHEMISTRY AND MOLECULAR BIOLOGY

Lorne Whitehead

PROFESSOR, PHYSICS AND ASTRONOMY

2016

Terrance Snutch

PROFESSOR, PSYCHIATRY, AND ZOOLOGY

2015

Edith McGeer

PROFESSOR EMERITA, PSYCHIATRY

Patrick McGeer

PROFESSOR EMERITUS, PSYCHIATRY

2013

Santa J. Ono

PRESIDENT AND VICE-CHANCELLOR

The Royal Society

The Royal Society is a self-governing Fellowship comprised of the most eminent scientists, engineers and technologists from the UK and the Commonwealth. Fellows and Foreign Members are elected for life through a peer review process on the basis of excellence in science.

2017

Gordon Slade

PROFESSOR, MATHEMATICS

2015

Natalie Strynadka

PROFESSOR, BIOCHEMISTRY AND MOLECULAR BIOLOGY

For the most current list of major award winners, please visit:

[RESEARCH.UBC.CA/WINNINGSCHOLARSHIP](https://research.ubc.ca/winningscholarship)

Unless otherwise noted, all photography by Paul Joseph on location at The Djavad Mowafaghian Centre for Brain Health, and Orchard Commons, UBC Vancouver campus.

SHAW RASHID SUMAILA BRETT FINLAY MAJA KRZIC SARA HARRIS
AFICHUK DARREN DAHL SIMON ELLIS RUSS ALGAR MARK SCHMIDT
AN STEPHANIE WATERMAN MARY O'CONNOR NICK HARVEY JULIO
VIJAY BHARGAVA CURTIS BERLINGUETTE KEVIN LEYTON-BROWN
MS JANET WERKER GUY DUMONT MICHAEL HAYDEN JUDITH HALL
ANNE MARTIN-MATTHEWS MICHAEL ANTHONY CHURCH MARTIN
AVE JUDY ILLES NICK HARVEY JULIO MONTANER VIJAY BHARGAVA
R MARK SCHMIDT KATHERINE RYAN STEPHANIE WATERMAN MARY
JAN RESEARCH.UBC.CA/WINNINGSCHOLARSHIP GARY HINSHAW
INE CARTY CHRISTILAW MICHAEL KLEIN KENNETH CRAIG NASSIF
SSOUB ADEERA LEVIN ANTHONY PHILLIPS MARCIA BOYD JOANNE
AV SLAYMAKER SHERRILL GRACE JOHN GRACE NANCY HERMISTON
KIMMINS DANIEL PAULY INGRID STAIRS MARK MACLACHLAN GARY
RASHID SUMAILA BRETT FINLAY MAJA KRZIC SARA HARRIS PETER
AFICHUK DARREN DAHL SIMON ELLIS RUSS ALGAR MARK SCHMIDT
AN STEPHANIE WATERMAN MARY O'CONNOR NICK HARVEY JULIO
VIJAY BHARGAVA CURTIS BERLINGUETTE KEVIN LEYTON-BROWN
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ILLES DOROTHY SHAW ELAINE CARTY JAN CHRISTILAW MICHAEL
TH CRAIG NASSIF GHOUSSOUB ADEERA LEVIN ANTHONY PHILLIPS
BOYD JOANNE DOUGLAS OLAV SLAYMAKER SHERRILL GRACE JOHN
NANCY HERMISTON JAMES KIMMINS DANIEL PAULY INGRID STAIRS
CLACHLAN GARY HINSHAW RASHID SUMAILA BRETT FINLAY MAJA
ARA HARRIS PETER OSTAFICHUK DARREN DAHL SIMON ELLIS RUSS
R MARK SCHMIDT KATHERINE RYAN STEPHANIE WATERMAN MARY
ONNOR NICK HARVEY JULIO MONTANER VIJAY BHARGAVA CURTIS
TE KEVIN LEYTON-BROWN ROMAN KREMS JANET WERKER KAREN
UY DUMONT MICHAEL HAYDEN JUDITH HALL MAX CYNADER ANNE
THEWS MICHAEL ANTHONY CHURCH MARTIN GLEAVE JUDY ILLES
HAW SANTA ONO ELAINE CARTY JAN CHRISTILAW MICHAEL KLEIN
TH CRAIG NASSIF GHOUSSOUB ADEERA LEVIN ANTHONY PHILLIPS
BOYD JOANNE DOUGLAS OLAV SLAYMAKER SHERRILL GRACE JOHN
NANCY HERMISTON JAMES KIMMINS DANIEL PAULY INGRID STAIRS
CLACHLAN GARY HINSHAW RASHID SUMAILA BRETT FINLAY MAJA
ARA HARRIS PETER OSTAFICHUK DARREN DAHL SIMON ELLIS RUSS
AJA STEPHANIE WATERMAN
AV SLAYMAKER KATHERINE
YD O'CONNOR JOHN GRACE
NTANER VIJAY BHARGAVA CURTIS BERLINGUETTE KEVIN LEYTON-
ROMAN KREMS JANET WERKER SHEILA LIGHTFOOT GUY DUMONT



THE UNIVERSITY OF BRITISH COLUMBIA