



Canadian Academy of Health Sciences
Académie canadienne des sciences de la santé

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Welcome to the CAHS Newsletter, your source for updates on activities of the Canadian Academy of Health Sciences.

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PRESIDENT'S MESSAGE

Dear Fellows,

Forum 2016 was both moving and informative. Entitled *Solutions to Inequities in Indigenous Health: what works and why?* the Forum's outstanding presenters provided many take away lessons, but there were two messages that particularly resonated for me. First: 'nothing for us without us', underlining that it is crucial for well-intentioned health care providers or policy makers to partner with Indigenous communities to define problems and solutions. Second: the importance of context, that is so critical to understand as we think about scaling up successful programs from one community to another. Context differs from province to province depending in part on whether Treaties were signed and how they have been implemented. As we try to assess what works and why in particular communities, rather than assuming that a program can be copied from one community to another, we can look for approaches and processes that led to useful solutions and share those instead.

We are most grateful to **Jeff Reading** and **John O'Neil** for putting together a very meaningful day and to all the presenters who shared their experience and their stories. I encourage you to listen to these presentations. Visit the [Forum page](#) on our website to access these presentations.

I would also like to take this opportunity to encourage you to mark your calendars for September 14 and 15, 2017 to join your colleagues in Ottawa at the Chateau Laurier for Forum 2017 on *Strategies to control the antimicrobial resistance tsunami: Is Canada doing its part?*, co-chaired by **John Conly** and **John Prescott**.

Thank you for the opportunity to serve as your President,

Sincerely,

Carol Herbert, President

ACADEMY PARTNER NEWS

A Call to Action: Improve Indigenous Health [by [impact ethics](#)]

Alain Beaudet shares an excerpt of his speech, given at last week's annual Forum of the

Headlines

Spotlight
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Strategic Directions
Assessment News
Member News
Important Dates



SECRETARY'S NOTE

Thank you for selecting me as your new secretary and please thank **Sally Thorne** for doing an amazing job for these past two years. Definitely big shoes to fill!

Please mark your calendars for the **2017 CAHS Annual Forum being held in Ottawa on September 14th and 15th**.

If we have missed out on any key member news, such as **major** awards or transitions of particular note among our Fellows, please let us know.

Sincerely,

Kishor Wasan

Kishor.Wasan@usask.ca

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Canadian Academy of Health Sciences, which outlines research priorities for indigenous health . . . *Kudos to the Canadian Academy of Health Sciences for devoting a full day of its annual meeting to a major forum on solutions to inequities in indigenous health. The topic is a critical one. Indeed, as you all know, many Canadian indigenous communities are living in a real state of crisis. Some indigenous communities have tuberculosis rates that are four hundred times the rates of non-indigenous communities and some Inuit communities have forty times the suicide rates of non-Inuit communities. Obesity, diabetes and hypertension are on the rise, with rates akin to those of low and middle income countries. For example, obesity rates exceed 26% among First Nations people, 22% for Métis, and 26% for Inuit, compared with 16% for non-indigenous Canadians. Smoking rates are also over two times higher among indigenous groups than the non-indigenous population, leading to increased incidences of lung cancer and chronic lung diseases.* [Read more of this post](#)



IAP for Health releases [call for action to improve the reproducibility of biomedical research'](#)

SPOTLIGHT – BOARD UPDATES

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A WARM WELCOME TO OUR NEW BOARD MEMBERS!



Dina Brooks
Treasurer



Kishor Wasan
Secretary



Brenda Hemmelgarn
Director



Annette Majnemer
Director



Chris Simpson
Director

FELLOWSHIP COMMITTEE

The call for nominations for next year's process will be formally released early in January with a submission deadline of [Friday, March 10, 2017](#). We look forward to receiving your nominations and particularly ask that you begin to consider highly qualified individuals from the Pharmaceutical, Dental, Veterinary and Rehabilitation Sciences.

Linda Rabeneck, President-Elect and Chair of the Fellowship Committee

GOVERNANCE & NOMINATIONS COMMITTEE

President-elect - Call for Nominations I would like to advise all Fellows now that the CAHS will be choosing a President-elect to be appointed in September 2017. Nominations should be submitted to my attention at john.cairns@ubc.ca before [March 1, 2017](#).

The choice of President-elect is of critical importance to our Academy. This individual makes a 6-year commitment with 2-years as President-elect, 2-years as President and 2-years as past-President. As well as being a member of the CAHS Board and Board Executive, the President-elect has a variety of assigned duties. The 2-years as President carries substantial responsibilities as the overall leader of our Academy and the past-President serves two years as a member of the Board and Board Executive, in addition to chairing selected standing committees. The latter portfolio has

a specific responsibility to develop the profile of CAHS as the “go to” organization for governments and NGO’s in regard to health policy development and activities in government relations and development (fundraising) are intensifying.

This leadership role with the CAHS offers the individual the opportunity to lead the activities of over 600 highly accomplished Fellows. There are significant satisfactions from engagement in a Board of Directors made up of outstanding leaders in academic health sciences and with many organizations and leaders of academic health sciences nationally and internationally. As President-elect and then as President, the CAHS leader sits on the Board of the Council of Canadian Academies (CCA) , along with leaders of the Royal Society of Canada and the Canadian Academy of Engineering. The CCA conducts independent, authoritative, and evidence-based expert assessments that inform public policy development in Canada in response to requests primarily from the federal government, but also from other levels of government, NGOs and industry. Whereas CAHS assessments focus on health, CCA assessments occur across the spectrum of the sciences and the arts.

We encourage both formal and informal nominations of CAHS Fellows for the office of President-elect. Individual Fellows are encouraged to explore their potential interest in this role with John directly, with Carol Herbert, our current President, or with any of the past CAHS Presidents. The Governance and Nominations Committee will make a formal recommendation to the Board on March 24, 2017 so suggestions to the Committee must be received before March 1, 2017.

John Cairns, Past President & Committee Chair

COMMITTEE ON GOVERNMENT RELATIONS

The committee has paid close attention to the priorities of the Federal Government as set out in the Prime Minister’s mandate letter to the Minister of Health, The Honourable Jane Philpott. For the interest of CAHS, we provide here an extract from that letter:

- Engage provinces and territories in the development of a new multi-year Health Accord. This accord should include a long term funding agreement. It should also:
 - support the delivery of more and better home care services. This includes more access to high quality in-home caregivers, financial supports for family care, and, when necessary, palliative care;
 - advance pan-Canadian collaboration on health innovation to encourage the adoption of new digital health technology to improve access, increase efficiency and improve outcomes for patients;
 - improve access to necessary prescription medications. This will include joining with provincial and territorial governments to buy drugs in bulk, reducing the cost Canadian governments pay for these drugs, making them more affordable for Canadians, and exploring the need for a national formulary; and
 - make high quality mental health services more available to Canadians who need them.
- Promote public health by: increasing vaccination rates; introducing new restrictions on the commercial marketing of unhealthy food and beverages to children, similar to those now in place in Quebec; bringing in tougher regulations to eliminate trans fats and to reduce salt in processed foods, similar to those in the United States; and improving food labels to give more information on added sugars and artificial dyes in processed foods.
- Work with the Minister of Sport and Persons with Disabilities in increasing funding to the Public Health Agency of Canada to support a national strategy to raise awareness for parents, coaches, and athletes on concussion treatment.
- Introduce plain packaging requirements for tobacco products, similar to those in Australia and the United Kingdom.
- Support the Ministers of Justice and Public Safety and Emergency Preparedness on efforts that will lead to the legalization and regulation of marijuana.
- Work with the Minister of Indigenous and Northern Affairs to update and expand the Nutrition North program, in consultation with Northern communities.

[Click here to read the mandate letter in full](#)

Major objectives of the Committee on Government Relations are to work closely with the CAHS Board and the Committee on Development & Strategic Communications to:

1. Establish regular, sustained, direct contacts with the Ministry of Health and its Divisions and Agencies;
2. Establish CAHS as the “go to” organization for analysis and advice for Health Canada;

3. Support the creation of stable, secure funding for the support of CAHS assessments of questions of importance to Canadians

John Cairns, Past President & Committee Chair

COMMITTEE ON DEVELOPMENT & STRATEGIC COMMUNICATIONS

The Committee has been busy finalizing the CAHS new marketing brochure [read here](#) that articulates our vision of “informing actionable solutions that improve the health of Canadians”, our promise of the volunteer service of our Fellows, and a cogent case for support. Our Committee works closely with the Committee on Assessments to assist in fund-raising for individual assessments. We also work closely with the Committee on Government Relations to promote the value of the CAHS and its products to decision-makers in both federal and provincial governments. To better coordinate our external communications efforts, the CAHS Board has expanded our mandate to now include Strategic Communications. We are increasing our membership and wish to work with CAHS Fellows who have interest and expertise in communications focused on building our reputation and new strategic relationships. Over the next month, our Committee will prepare a work plan with key deliverables that align our efforts in fund-raising and external stakeholder partnering. Ultimately, our goal is to establish a sustainable “go-to” organization that provides expert, independent, evidence-based assessments for the most important health challenges facing Canadians.

Catharine Whiteside, Chair

NATIONAL FORUM

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FORUM 2016

Co-chaired by CAHS Fellows **Jeffrey Reading** and **John O’Neil**, our 2016 Forum didn’t disappoint. ***Solutions to Inequities in Indigenous Health: What Works and Why?*** successfully brought together a stellar program of informed and leading edge speakers. [cahs-2016-forum-program](#)

The event opened with a [traditional greeting](#) from Mrs. Amelia Tekwatonti McGregor, representing the Bear Clan of Kahnawake Mohawk Territory. Then Professor Linda Tuhiwai Smith, a Maori expert in health services from the University of Waikato, and Professor **Malcolm King** of Simon Fraser University, and Scientific Director of the CIHR Institute of Aboriginal People’s Health, brought national and international perspectives to Indigenous health and social conditions. Each discussed challenges they believe lie ahead with respect to improving the health and well-being of Indigenous Peoples’ health in Canada.

Panel chairs and speakers addressed a broad spectrum of innovation including biological and epigenetic issues, self-governance, health services policy and governance showcasing novel researchers and thought leaders who have successfully engaged with their community partners.

Meaningful conversations between Indigenous and non-Indigenous participants will contribute to the process of determining a meaningful and important assessment question. It will be essential that any assessment question be determined with Indigenous partners. Closing remarks from Margo Greenwood summarized the most important messages and reminded the audience of highlights of the day.

Visit the Forum page on our website to access these presentations and see what you missed!
<http://cahs-acss.ca/forums/>

An important activity at our annual event is the formal Induction of new Fellows into the

Academy. We welcomed 36 new Fellows this year. Of these, 32 joined us in Montreal and participated in the ceremony. It was a wonderful evening that brought together friends new and old. It was humbling too to hear of the extraordinary achievements of this cadre of individuals!

CONGRATULATIONS & WELCOME TO OUR 2016 FELLOWS!



MICHEL ALARY, UNIVERSITÉ LAVAL

Michel is a Professor of Social and Preventive Medicine whose career has been devoted to HIV and STD prevention research. He received the Mark Wainberg Lecturer Award from the Canadian Association for HIV Research in 2008, and the Researcher Emeritus Award from the Quebec Population Health Research Network in 2016. He was President of the International Society for STD Research (2007-11) and chaired its 2011 international conference in Québec. Michel is currently the Director of Population Health Research at the CHU de Québec.



DAVID ROBERT ANDERSON, DALHOUSIE UNIVERSITY

One of those rare individuals: a genuine “quadruple threat” - an outstanding researcher, clinician, administrator and teacher. He is an international leader in coagulation disorders whose studies define our standards of clinical care, appearing in the New England Journal of Medicine. His clinical expertise extends from the patient to the nation, caring for individuals while working to establish national standard of care protocols. He is a dedicated teacher and administrator, having been Chair of the Department of Medicine at Dalhousie and now Dean of the Faculty of Medicine at Dalhousie. He has a distinguished history of outstanding performance in the academic health sciences in Canada.



NANCY N. BAXTER, UNIVERSITY OF TORONTO

An internationally-renowned health services research leader in cancer screening and surgery. She conducts important research surrounding health service delivery that has an immediate and meaningful impact on patient care and policy. She has >150 publications, receiving numerous awards, including the 2014 CIHR Institute for Health Services and Policy Research Article of the Year. She has held leadership roles nationally, provincially and locally, including Chair of the Quality and Safety Committee of the American Society of Colon and Rectal Surgeons, Provincial Endoscopy Lead for Cancer Care Ontario, and Chief of General Surgery at St. Michael's Hospital.



MARCEL A BEHR, MCGILL UNIVERSITY

Director of the McGill International TB Centre and Microbiologist-in-Chief at the McGill University Health Centre, Dr. Behr trained at the University of Toronto, Queen's, McGill and Stanford, developing expertise in the molecular epidemiology and pathogenesis of tuberculosis (TB). Dr. Behr applies bacterial genetics to track TB with DNA-fingerprints and to identify virulence factors of the bacterium that causes TB. His work has been recognized in Quebec (Chercheur National Award of the FRSQ), Canada (Joe Doupe Award of the CSCI) and beyond (Election to the American Society for Clinical Investigation).



HELENE ANNE BERMAN, WESTERN UNIVERSITY

An internationally recognized scholar, whose research is community-based and focused on the subtle and explicit forms of violence experienced by women and children, social and structural inequalities, and health. She is Past President of the Nursing Network on Violence against Women International and lead editor of the ground-breaking report, 'In the Best Interests of the Girl Child' that has informed the development of numerous programs and policies in Canada. Her current research incorporates arts-based approaches in a Youth-Centered Participatory Action Research

methodology to examine structural violence in the lives of young people in Canada.

IVY LYNN BOURGEAULT, UNIVERSITY OF OTTAWA



Recognized nationally and internationally for her research and scholarship on health workforce policy, health worker migration, midwifery and maternity care. She holds a CIHR Chair in Gender, Work and Health Human Resources and previously held CIHR and Canada Research Chairs. She co-founded the bilingual Canadian Society for the Sociology of Health and leads the Ontario and Canadian Health Human Resources Networks. Her dedication to effective knowledge exchange is evidenced with a number of consultations to Provincial Ministries of Health, Health Canada, the Pan American Health Organization and the World Health Organization.

ISABELLE BRUNETTE, UNIVERSITÉ DE MONTRÉAL



An Ophthalmologist-Cornea specialist and Professor of Ophthalmology who, throughout her career, has been an indefatigable spokesperson for the advancement of vision science. Dr. Brunette is a true visionary leader in ophthalmology research in Canada and abroad, recognized by her peers at the national and international levels. She is committed to influence public and private authorities of the importance of unifying ophthalmology research community across the country for the ultimate benefit of the patient. Based on her track record she will succeed.

ÉRIC A COHEN, UNIVERSITÉ DE MONTRÉAL



His creative approaches have led to the discovery of two virulence factors (Vpu and Vpr) encoded by HIV and his pioneering studies on the interactions between HIV and antiviral effectors of the host innate immune response have fostered a transforming understanding of HIV persistence and opened new avenues for the development of HIV curative strategies. Dr. Cohen is currently leading the Canadian HIV Cure Enterprise, a large research endeavor that is part of Canada's contribution to the global efforts towards an HIV cure.

JUDAH A DENBURG, McMASTER UNIVERSITY



A world-renowned scholar, scientist, teacher and leader. As Scientific Director and CEO of the Allergy, Genes & Environment (AllerGen) Network of Centres of Excellence, hosted by McMaster University, he has pioneered several important and innovative biological concepts. Through his clinical investigations, he has facilitated the translation of allergy and immune-inflammatory disease discoveries into therapies and clinical practices to improve individual and community health. Dr. Denburg has also had a profound influence on a generation of experts in key positions in clinical care, academic medicine, health research, government and industry.

JASON R B DYCK, UNIVERSITY OF ALBERTA



A biomedical scientist who has achieved national and international peer recognition for his contributions to cardiovascular disease research. The quality, quantity and impact of his work are substantial and have contributed to his outstanding international reputation in his field. Dr. Dyck has extensive leadership experience at local, provincial, national and international levels. He has successfully fostered collaborations and built teams of researchers from multiple disciplines to work together to improve the treatment of patients. He is an innovative scientist who works toward expanding his findings from bench to bedside.

**CAROLYN ANN EMERY, UNIVERSITY OF CALGARY**

A physiotherapist and epidemiologist in the field of injury epidemiology. The focus of her research is in injury prevention in youth sport and recreation and pediatric rehabilitation. Her clinical and population health approach to the identification of risk factors for injury and evaluation of prevention strategies to reduce the risk of injury has had a significant public health impact through informing practice and policy in youth sport and recreation both within Canada and world-wide. Her research program also addresses consequences of injury and secondary prevention and rehabilitation strategies to reduce the burden of post-traumatic osteoarthritis, overweight/obesity and chronic illness.

**WARREN G FOSTER, MCMASTER UNIVERSITY**

An internationally recognized scientist with expertise in reproductive health and toxicology whose many contributions to the field have been recognized through salary awards from the Ontario Women's Health Council, teaching awards and election to leadership positions for professional societies such as the Canadian Fertility and Andrology Society and the Society of Toxicology. A strong advocate of science, Warren serves on numerous editorial boards and expert advisory panels on the National and International stage. Frequent media inquiries and invited community presentations provide further testament to his enthusiasm for communicating science to all levels of the community.

**CHRISTINE MARTHE FRIEDENREICH, UNIVERSITY OF CALGARY**

A cancer epidemiologist and pioneer in research of the role of physical activity in cancer control. Her contributions to identifying the role that physical activity plays in reducing cancer risk, improving coping, rehabilitation and survival after cancer diagnosis are internationally recognized. She is a leader and collaborator who brings commitment, passion and integrity to her endeavours. Her pursuit of excellence and her keen desire to mentor and train the next generation of scientists are particularly recognized.

**BRIAN R GOLDEN, UNIVERSITY OF TORONTO**

A recognized leader in health sector policy and research, Brian Golden is the Sandra Rotman Chaired Professor of Health Sector Strategy at the Rotman School of Management, and Vice-Dean of Professional Programs. He is the Executive Director of the Collaborative for Health Sector Strategy, a policy, research and leadership development institute funded by the Ontario Ministry of Health. Recipient of Canada's Ted Freedman Innovation in Healthcare Education Award and the Canadian Medical Association's first Eureka Award for Innovation in Physician Education. Professor Golden's research influences health policy. His teaching develops health system leadership in Canada and around the world.

**ANDREW J HALAYKO, UNIVERSITY OF MANITOBA**

A Professor of Physiology and Pathophysiology, Andrew is an internationally recognized authority in the pathobiology of chronic lung disease, contributing seminal work that shows how smooth muscle and fibroblasts can contribute to asthma pathogenesis, paving the way for novel therapies. He is a renowned regional, national and international leader, launching research networks, developing a National Respiratory Research Strategy and a multidisciplinary training and career development program for the Canadian Lung Association. He is the second ever PhD President of the Canadian Thoracic Society, and was elected to the Board of Directors of the American Thoracic Society.



HOWARD HU, UNIVERSITY OF TORONTO

Dean of the Dalla Lana School of Public Health and Professor of Environmental Health, Epidemiology, Global Health and Medicine. Howard is an internationally renowned environmental epidemiologist whose teams have studied the role of environmental exposures, nutrition, genetics, and epigenetics on fetal and child development and the risk of chronic disease in adults at Harvard and Michigan and since coming to Toronto in 2012. Dr. Hu has also led investigations for Physicians for Human Rights and chaired the Research Commission for the International Physicians for the Prevention of Nuclear War.



RICHARD LEE HUGHSON, UNIVERSITY OF WATERLOO

A world authority on the cardiovascular health effects of spaceflight and how these changes parallel consequences of aging. In scientific literature and in radio, television, print and internet media he has described how dramatic reductions in physical activity and the absence of daily adaptations to gravity with spaceflight or bed rest impact regulation of arterial blood pressure and brain blood flow, and accelerate arterial stiffening. His work promotes the benefits of physical activity as a primary intervention to slow the impact of age on vascular and cerebrovascular health.



IRA JACOBS, UNIVERSITY OF TORONTO

International organizations have sought his expertise to understand human performance capabilities and limitations in environmental extremes. Professor Jacobs is an academic leader who promotes the academic discipline of kinesiology as being integral to improving and sustaining the health of Canadians through physical activity.



SUSAN R KAHN, MCGILL UNIVERSITY

Founding Director of the Jewish General Hospital's Centre of Excellence in Thrombosis and Anticoagulation Care and the McGill Thrombosis Fellowship Program. Dr. Kahn's internationally-recognized research focuses on prevention and treatment of venous thromboembolism. She is a Tier 1 Canada Research Chair and was a Chercheur National of the Fonds de recherche du Québec-Santé. She was recently awarded a prestigious 7-year CIHR Foundation grant, and a 5-year CIHR grant to lead a national venous thrombosis research network. She has published more than 200 papers in peer-reviewed journals.



SHANA OLWYN KELLEY, UNIVERSITY OF TORONTO

An internationally recognized scientist who has made numerous contributions related to the development of new clinical diagnostic technologies. Her research group uses an interdisciplinary approach to develop new sensors for biomarkers of disease and applies them to make the diagnosis of infectious disease and cancer faster and more accurate. She has published over 130 scientific articles that have been cited more than 6,000 times, invented 20+ patents and co-founded two clinical diagnostic companies.



SIDNEY H KENNEDY, UNIVERSITY OF TORONTO

Principal Investigator of the Canadian Biomarker Integration Network in Depression and the Arthur Sommer Rotenberg Chair in Depression and Suicide Studies at the University of Toronto and St. Michael's Hospital. As a research psychiatrist, he has significantly advanced discovery of biological markers of treatment response, pioneered deep brain stimulation as an intervention for previously non-responsive depression and participated in the development of novel therapeutic agents. He is the founding Chair of the Canadian Network for Mood and Anxiety Treatments and has continued to develop internationally recognized clinical guidelines for the treatment of bipolar disorder and major depressive disorder.



MALCOLM KING, SIMON FRASER UNIVERSITY

Malcolm has pioneered advancements in respiratory therapy that have improved mucus clearance in cystic fibrosis and chronic obstructive lung disease and minimized aerosolization of airborne pathogens, reducing the spread of airborne diseases including tuberculosis and influenza. Through leadership roles in provincial, national and international organizations, he has lead the national effort to build capacity in Aboriginal health research by improving Indigenous community engagement in health research, providing more opportunities for Aboriginal trainees, and mentoring health researchers and trainees in ways to better the practice of health research to become more ethical, equitable, and relevant to Indigenous communities.



DALE W LAIRD, WESTERN UNIVERSITY

A widely recognized leader in Canadian health research in the area of cell biology for over two decades, Dale has received notable awards, many high profile publications and numerous leadership roles on strategic committees. He is the foremost researcher in the study of cell to cell communication and connection to over a dozen diseases raising the awareness that connexin-linked diseases are amongst the most common inherited diseases in society. His research program transcends conventional approaches as he employs tissue relevant cells, genetically-modified mice and humans to investigate cell communication in healthy aging and in disease treatment.



ANN C MACAULAY, MCGILL UNIVERSITY

A world-wide leader of participatory research with Indigenous communities, Ann received her medical degree from the University of St. Andrews, Scotland and immigrated to Canada in 1970. At McGill University she became the leader of the Centre for Participatory Research (PRAM) and the Kahnawake Schools Diabetes Prevention Project. Her advocacy for respectful research partnerships has resounded around the world and resulted in her membership in the National Academy of Medicine (formerly Institute of Medicine) and induction into the Order of Canada among other honours.



DEBRA GAIL MORGAN, UNIVERSITY OF SASKATCHEWAN

One of Canada's most innovative and respected researchers in rural and remote health service delivery, Debra has devoted her career to improving outcomes for patients with dementia and has changed how health services are delivered to rural and remote dementia patients in Saskatchewan. Expert in knowledge translation and community-based action research, she has received numerous awards, including the Saskatchewan Health Research Foundation Achievement Award (2015), the Alzheimer Society of Saskatchewan's Honorary Lifetime Membership Award (2011), and CIHR's Betty Havens Knowledge Translation Award (2011).



LAURIE J MORRISON, UNIVERSITY OF TORONTO

The Robert & Dorothy Pitts Research Chair in Acute Care & Emergency Medicine, Laurie is a Professor of Medicine and Clinician Scientist in the Division of Emergency Medicine. She leads RESCU, the largest resuscitation research program in the world, focusing on the evaluation of time sensitive interventions in acute emergencies (www.rescu.ca). She receives funding from the US National Institute of Health, Canadian Institute of Health Research, Heart and Stroke Foundation of Canada and Brain Canada. She has been a contributor to the International Liaison Council on Resuscitation Consensus on Science Statements and AHA Guidelines since 2005.



LOUISE NADEAU, UNIVERSITÉ DE MONTRÉAL

est professeure titulaire en psychologie à l'Université de Montréal. Ses travaux portent sur la prédiction de la récidive chez les contrevenants pour conduite avec facultés affaiblies, les troubles concomitants en addiction et les jeux de hasard et d'argent. Elle est présidente du Conseil d'administration d'Éduc'alcool (2010-), membre du CA de l'Institut national d'excellence en santé et en services sociaux (2010-) et du Comité aviseur pour la recherche HIV/sida des IRSC (2011-) dont elle fut la vice-présidente du Conseil (2000-2006). Elle a reçu le prix Marcel-Vincent de l'Acfas (2006), un Prix du Québec 2012, le prix Pierre-Dansereau de l'Acfas (2013) et fut élue à la Société royale du Canada en 2015.



TIM F OBERLANDER, UNIVERSITY OF BRITISH COLUMBIA

A developmental pediatrician dedicated to improving care of children with complex chronic pain and developmental challenges. He is an international leader in maternal-child health research, transgenerational effects and related practice and policy. Through a deep knowledge of biological and behavioral influences of maternal and infant environments, his research addresses risk and resilience, and how children may be affected by maternal mood and antidepressant exposure during pregnancy. He is a tireless advocate for optimizing children's well-being and, through provincial, national and international efforts he has improved the lives of thousands of children with developmental disabilities.



QUENTIN J PITTMAN, UNIVERSITY OF CALGARY

Recognized internationally for his novel and original contributions in integrative neuroscience, Quentin's work has led to new insights into our understanding of the control, by the brain, of the neuroendocrine and neuroimmune systems and the roles of peptides as neurotransmitters in these systems. Dr. Pittman has provided strong leadership at both the national and international level in the neurosciences, has played an active educational leadership role at his institution and has mentored many trainees who have gone onto successful academic, medical and biotech careers.



HUDE QUAN, UNIVERSITY OF CALGARY

International expert on health services research methodology who pioneers innovative programs for analyzing big health data. His contributions have improved optimal use of big data in numerous health research studies worldwide to advance science and discovery, and change research practice in the use of health data. In 2014 and 2015, he was designated one of the most highly cited researchers in the world (top 1%) by Thomson Reuters. Hude leads Alberta's Strategies for Patient Oriented Research (SPOR) Methods Platform and directs the World Health Organization Collaborating Centre in Classification, Terminology and Standards.



S MARTIN TAYLOR, UNIVERSITY OF VICTORIA

An outstanding health researcher and research administrator who pioneered research and teaching in health geography. He supervised doctoral students who are now health research leaders, led innovative interdisciplinary projects in population health, and founded the Institute of Environment and Health. As the University of Victoria's Vice-President Research, he was instrumental in establishing Canada's leading proteomics facility and in creating the Centre for Addictions Research BC. He chaired the Board of the Michael Smith Foundation for Health Research and now continues his leadership as Executive Director of the Canadian Research Data Centre Network.



GUSTAVO TURECKI, MCGILL UNIVERSITY

One of Canada's leading clinician-scientists in mental health, Dr. Turecki's research programs are of both strong international impact and of direct relevance to Canadian society. His research has established one of the leading and most ambitious international research programs in suicidal behavior, and his work has shaped our understanding of the epigenetic mechanisms that influence the development of vulnerability for mood disorders and suicide in human populations.



RICHARD DALE WEISEL, UNIVERSITY OF TORONTO

A Professor of Cardiac Surgery, Senior Scientist at the Toronto General Research Institute and a basic and clinical investigator whose new techniques of cardiac protection for heart surgery have been adopted worldwide. He discovered stem cell implantation prevented heart failure after coronary occlusion which stimulated clinical trials in Toronto and globally. He is now Editor of the highest ranked Journal and Chair of the largest clinical trials network in his specialty. Most important, he trained two generations of Surgical Scientists who have assumed leadership positions in Canada and the world.



DAVID WESTAWAY, UNIVERSITY OF ALBERTA

Director of the Centre for Prions and Protein Folding Diseases and holder of a Tier 1 CRC in Prion Diseases, David is the President of the Alzheimer's Society of Alberta and Northwest Territories. His work has defined the family of cellular prion proteins in mammals, genetic susceptibilities to prion disease and new laboratory models for Alzheimer's disease and other neurodegenerative disorders.



SUSAN J WHITING, UNIVERSITY OF SASKATCHEWAN

One of Canada's leading nutrition scholars and an internationally recognized authority on vitamin D and calcium supplementation. For over 40 years, Dr. Whiting has conducted research on dietary influences of bone health, effectiveness of nutrient supplements and calcium and vitamin D status. She has served on internationally significant boards and panels such the Institute of Medicine's Committee on Use of Dietary Reference Intakes in Nutrition Labelling and the North American Dietary Supplements Advisory Board. She received the Canadian Nutrition Society Lifetime Achievement Award in 2012.

DOUGLAS ZOCHODNE, UNIVERSITY OF ALBERTA



A Neurologist and Neuroscientist, Dr. Zochodne is the Director of the Division of Neurology and Co-Director of the Neurosciences and Mental Health Institute at the University of Alberta. He has devoted his career to understanding the biology and diseases of the peripheral nervous system, disorders that are common, disabling and frequently irreversible. He has been a leading investigator of diabetic polyneuropathy and nerve regeneration and he has served as Editor-in-Chief of the Canadian Journal of Neurological Science.

2016 Distinguished Fellow

Distinguished Fellow is the highest honour awarded by the Academy. It is open to individuals who must meet the usual criteria for Fellowship, but whose accomplishments are considered of such high distinction that only a select few are worthy of this designation.



Dr. Jean Rochon was welcomed as a Distinguished Fellow; the Academy's highest award. He shared fascinating insights and wisdom gleaned from a life lived at the interface of science and policy. His presentation was delivered in French with simultaneous dual language slides... a first for the Academy!

Of course, the event didn't conclude with the evening's program and on Friday morning we received three thoughtful presentations on important topics from recipients of CAHS Lectureship awards. **Visit the [Forum page](#) on our website to access these presentations.**



The CAHS Scientific Lecture

Recognizing the outstanding qualities of a CAHS Fellow and his/her state of the art research in a given field of investigation

Assisted Dying in Canada: Past, Present and Future

Jocelyn Downie M.A., M.Litt., L.L.B., L.L.M., S.J.D.

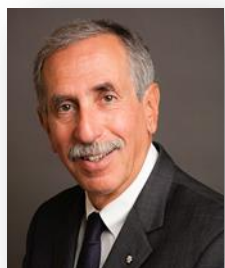


The Paul Armstrong Lecture

Recognizing leadership & commitment to advance academic health sciences through academic service and innovation at local, national and international levels and achievements that are truly extraordinary.

Reflections: The Academy and the Health Care System

Eldon R. Smith OC, MD, LLD(Hon), FRCPC, FCAHS, FAHA, FIACS



A joint CAHS-University of Calgary Inaugural Presentation



The CAHS Cy Frank Lecture

Recognizing leadership & commitment to advance academic health sciences through the development or incorporation of evidence based practices that make substantial improvements to the health care system.

The Cy Frank Legacy Lectureship

Dr. Frank was internationally known and acclaimed for his visionary efforts to lead and champion the application of research to create solutions for patients. The lectureship showcases individuals

who reflect the passion of Dr. Frank.

The Promise of the Health Sciences in the 21st Century – A Revisit

Alan Bernstein OC, PhD, FCAHS, FRSC

The **Cy Frank Legacy Lectureship** Nominations are being accepted for the 2017 Cy Frank Legacy Lectureship until **November 1, 2016**. More information about the award and the nomination form can be found [here](#)

STRATEGIC DIRECTIONS

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PRESIDENT'S ANNUAL REPORT: PROGRESS ON OUR STRATEGIC DIRECTIONS

In the Spring of 2016, the Board of Directors invested time to renew our Mission, Vision, and Value statements to articulate more clearly our promise to Canadians as we move into the next phase of our organizational development. Our Mission is to *mobilize the best scientific minds to promote independent and timely assessments that inform policy and practice, addressing critical health challenges affecting Canadians ...* we aspire to become the “go-to” organization for such evidence-informed assessments. Our Vision is that the research evidence we provide will result in *informed actionable solutions that improve the health of Canadians*. CAHS is values-based: *collaborative, unbiased, transparent, expert, strategic, and independent*.

We have made progress in my first year as your President on the five strategic directions set for 2016-18, which build on the achievements of our first decade:

1. Build government relationships
2. Strengthen relations with strategic partners, especially the Council of Canadian Academies
3. Profile and promote the value proposition of CAHS
4. Increase Fellow engagement
5. Achieve financial sustainability

The Academy has been promoted and visibility expanded through our government relations activities led by **John Cairns** and members of the *Government Relations Committee* but we continue to struggle to establish effective mechanisms with Federal and Provincial Ministries of Health to enable the direct assignment of relevant health questions to the Academy with associated funding.

We continue to work with, and are grateful for the support of, our strategic partners including the NAPHRO research organizations and our sister academies, namely the Canadian Academy of Engineering (CAE), the Royal Society of Canada (RSC) and the Council of Canadian Academies (CCA). Along with **Linda Rabeneck**, I sit on the CCA Board of Governors which is persevering with its goal to advance collaboration among the Academies. We participated actively in the President's Task Force and fully support the implementation of its recommendations.

Through the means of CAHS service contracts, the CCA provides exceptional infrastructure support to enable our financial and membership management processes, communications and project management for our assessments. As well, we now benefit - together with our sister Academies - from financial reimbursement from the CCA under a Federal Contribution Agreement for advice provided in regard to CCA panel membership. The Agreement is also enabling our international engagement and allowed us to become an active member of the InterAcademy Panel for Health. **Jeff Turnbull**, a CAHS Fellow who co-led the assessment on *Optimizing Healthcare for Canadians*, gave a keynote address at the IAP meeting in Beijing in September and the CAHS is leading the development of an IAP Statement on Dementia.

We have sought to increase the profile of the Academy through Op-Eds and through collaboration as well as through our Assessment activity. Three Op-Eds were published in 2015-2016 and we have established a pilot project in Toronto to produce at least two in the next year. We are collaborating with CCA, RSC and CAE in the November 2016 pre-Workshop of the Centre for Science Policy Conference (CSPC) on evidence-based decision-making. Our Assessment Report on Team Science will be published by the end of the calendar year.

Our Regional Networks have evolved into hubs of activity with annual or more frequent meetings of Fellows in British Columbia, Alberta, Saskatchewan, Manitoba, Ontario (London and Toronto), Quebec and the Atlantic Provinces. We have increased the opportunity to serve on CAHS committees and have a record number of Fellows engaged as Chairs or members of them. We are delighted to have increased our Francophone members too and we continue to make progress towards our goal of becoming bilingual despite our lean resources. Our Newsletter, President e-blast and our website are all directed to providing service to Fellows.

We have achieved much as an organization supported mainly by annual dues but we must increase our revenues and our resources if we are to fulfil our Mission. We benefit from unbelievable support from our part-time Manager, Allison Hardisty, but we need more staff and dedicated program support. To help us achieve this we activated a *Committee on Development and Strategic Communications* in 2015, chaired by **Catharine Whiteside**. The committee has focused on articulating our unique value proposition and developing a case for support. Working with members of the Board, the Committee also revitalized our Mission, Vision and Values and produced professional marketing materials. Many of you will have seen these at the annual meeting this month. The Committee is now actively engaged in fundraising for an exciting assessment proposal on Dementia; a product of the 2015 Forum. Shortly we will launch a major campaign and very much hope we can count on you, our Fellows, to answer the call personally and to help us to open doors to potential donors.

It continues to be a privilege to work with your dedicated Board and Committee Chairs, and with our Forum co-chairs who put their heart and soul into creating wonderful educational events; events that engage those Fellows in attendance in the crafting of potential assessment questions. I want to emphasize that the strength of the Canadian Academy of Health Sciences is every one of you who, collectively, constitutes an extraordinary cadre of health scientists that is uniquely positioned to provide interdisciplinary viewpoints on health issues important to Canadians.

Sincerely,



Carol Herbert, President

REGIONAL MEETING UPDATES

Regional meetings provide an opportunity to be connected to other Fellows and to the work of the Academy between annual general meetings. The Board is happy to note that there is now a small budget available (up to \$200) to help with refreshments as needed. As a suggestion, regions with an established meeting structure might like to consider inviting "young scholars" as guests. Inviting the participation of graduate students, post-docs and/or younger faculty members will serve to increase their exposure to some of the top scientists in the health sciences in their region. Our regional networks function less as formal chapters of the Academy but rather informal forums intended to rally Fellows together, building relationships, incubating ideas and crafting assessment and forum topics. Regional networks also play an increasingly important role in helping to promote and disseminate the work of the Academy in the provinces and identifying worthy candidates for nomination of Fellowship.

SASKATCHEWAN Jay Kalra and Kishor Wasan will be hosting the First Annual Saskatchewan Canadian Academy of Health Sciences Mini Symposium on November 7th in Saskatoon. CAHS President, **Carol Herbert**, will be our keynote speaker. At this event we will formally induct **Debra Morgan** as a new Fellow of the Academy as she was not able to attend the event in Montreal. The Saskatchewan-based CAHS Fellows have formally established their regional network and have raised over \$10,000 for the group's activities. We want to thank the Council of Health Sciences, College of Pharmacy and Nutrition and the School of Public Health at the University of Saskatchewan for their support.



EDMONTON Edmonton area CAHS Fellows met in June, 2016. The event was co-hosted by **Richard Fedoruk** and **Anita Molzahn** at the University of Alberta. Approximately 20 CAHS Fellows were in attendance. Guest speaker for the event was Dr. Carl Amrhein, Deputy Minister of Health (and former UofA Provost). Dr. Amrhein's presentation covered health system challenges, a vision for Alberta's health system and key priorities for containing costs and improving the system. We engaged in a discussion of the role of universities in informing system change. Highlights included accessible and linked data, building interdisciplinary capacity to address complex problems, and the tension between the university culture of innovation and experimentation and the risk averse government environment.



VANCOUVER Fellows in the Vancouver area held their second gathering of 2016 on June 14th, hosted by **Diane Finegood** and **Sally Thorne** at the Michael Smith Foundation for Health Research offices. Following an update on CAHS initiatives and the upcoming Forum, a discussion was held on what BC Fellows can do to transform the health care system. Short presentations to stimulate dialogue were offered by: Diane on characteristics of complex systems with respect to finding effective solutions; **Allan Best** on political, executive and clinical considerations in system transformation; **Don Brooks** on competing demands of the health authorities; and **Carolyn Gotay** on the role of public health in avoiding premature death. A lively dialogue ensued on transforming the health care delivery system into a learning system through integration of the research/practice/education triangle, and we concluded with some reflections on how CAHS might catalyze its science influence at the national level toward the provincial level, where there is potentially more opportunity for impact within our confederated system.

VANCOUVER ISLAND REGIONAL NETWORK **Neena Chappell** reports that the inaugural meeting of the Vancouver Island Regional Network of CAHS Fellows met on June 20th at the University Club Lounge at the University of Victoria. Also in attendance were **Cecilia Benoit**, **Scott Hofer**, **Andre Kushniruk**, **Francis Lau**, **Bonnie Leadbeater**, and **Tim Stockwell**. The group found much to discuss, including identifying future CAHS nominations, finding ways to bring researchers at various health and research centres together to create more synergies, and advocating for the inclusion of more UVic researchers on national review committees. The group also identified a wide range of local research infrastructure priorities on which it could usefully collaborate. There was considerable enthusiasm for continuing to meet as a regional network and for finding appropriate mechanisms to interact with the larger community of BC Fellows in the BC Lower Mainland.

If your region does not yet have a group and you'd like help to consider how to set one up, please let us know.

Kishor Wasan, CAHS Secretary

ASSESSMENT NEWS

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Since early summer 2016, the Council of Canadian Academies has provided project management and secretariat services to the CAHS Committee on Assessments. This has provided CAHS with a broad array of talent, from research staff to data analysts. Their assistance, particularly that of Dr. Tijs Creutzberg and Ms. Andrea Hopkins, has provided a helpful stimulus to the development and completion of the current assessment outlined below.

The assessment on *Academic Recognition of Team Science* is now in the hands of editors and will be sent out for peer review in October. The final panel meeting will take place to incorporate the reviewers' comments on November 17/18 in Ottawa. Following this meeting, the report will be sent for translation and will be available to the membership by early February, 2017. We are very grateful to the sponsors, including CIHR, the Michael Smith Foundation, Alberta Innovates – Health Solutions, FRSQ, NSHRF, and the Canadian Cancer Research Alliance.

Fundraising is underway for the assessment that arose following the 2015 forum on Dementia. The newly-created Committee on Development and Strategic Communications, chaired by Catharine Whiteside, has been of considerable assistance in approaching potential sponsors. Once the funding is in place, a chair will be identified and a panel created.

The Committee has discussed a number of assessment topics suggested by the membership over the last several months. Some of the topics are more appropriately addressed by other groups or agencies and are referred on as necessary. We continue to welcome input from the Fellows to the development of possible assessment questions.

Jean Gray, Chair, Committee on Assessments

MEMBER NEWS

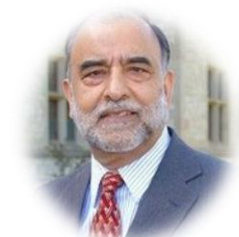
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Congratulations to **Lorne Babiuk** upon receipt of the [2016 World Agriculture Prize](#) bestowed by the Global Confederation of Higher Education Associations for Agriculture and Life Sciences.



Vladimir Hachinski changed the way the world understands stroke and dementia. Now his pioneering work in the field has earned him the Royal Society of Canada's prestigious McLaughlin Medal which recognizes research of sustained excellence in medical science. Congratulations!



Congratulations to **Jay Kalra** on his election to the University of Saskatchewan Board of Governors for a 3-year term commencing July 2016. Jay recently completed a 5-year term as Chair of University Council. [read more](#)



Congratulations to **Joaquín (Quim) Madrenas**, who until recently held a Canada Research Chair in human immunobiology at McGill University, on being named the new Chief Scientific Officer of LA BioMed.



Congratulations to **Vassilios Papadopoulos**, on his appointment to the Jean Stauffer Dean's Chair in Pharmaceutical Sciences at the University of Southern California.



Francoise Baylis, an expert in the field of bioethics who is a professor in the Faculty of Medicine at Dalhousie University and holds a Canada Research Chair in Bioethics and Philosophy, was recently named to both the Order of Nova Scotia and to the Order of Canada.

Also named as Members of the Order of Canada, to be inducted this Fall, were **Gerald Batist**, who is Chairman of the Department of Oncology at McGill University, **Neena Chappell**, who recently stepped down as professor in the Department of Sociology at the University of Victoria, where she was Director of its Centre On Aging, **Carole Estabrooks**, professor at the University of Alberta Faculty of Nursing, where she holds a Chair in Knowledge Translation, and **Catharine Whiteside**, former Dean of the Faculty of Medicine at the University of Toronto, as well as former President of CAHS.



Two CAHS Fellows were among the Order of Canada honorees announced this past summer... **Eduardo Franco**, of McGill was named an Officer of the Order of Canada, and **Noralou Roos**, of the University of Manitoba, was promoted within the Order to that same rank.





Eight CAHS Fellows were recently named Fellows of the Royal Society of Canada. **Charles Weijer** of Western University was named to the Division of Humanities. Those entering the Life Sciences Division included **Gregor Reid**, also of Western University, **Eric Cohen** of the Université de Montreal, **William Foulkes**, and **Guy Rouleau** of McGill University, **Jo-Anne Dillon** of the University of Saskatchewan, **Jean-Pierre Julien** of Université Laval and **Jeffrey I. Weitz** of McMaster University.



Congratulations to **Michel G. Bergeron** (Université Laval), **Michel Chrétien** (McGill University), **Michael R. Hayden** (University of British Columbia) and **F. Estelle R. Simons**

(University of Manitoba) who have been selected for induction into the Canadian Medical Hall of Fame on May 4, 2017. Canadian Medical Hall of Fame Laureates are individuals whose outstanding contributions to medicine and the health sciences have led to extraordinary improvements in human health. Their work may be a single meritorious contribution or a lifetime of superior accomplishments. Pioneers in their field, they are role models and an inspiration to young Canadians to pursue careers in the health sciences.



IMPORTANT DATES

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- **MARCH 10, 2017 - DEADLINE FOR FELLOW NOMINATIONS**
- **SEPTEMBER 14 & 15, 2017 - CAHS ANNUAL FORUM & GENERAL MEETING, CHATEAU LAURIER, OTTAWA**