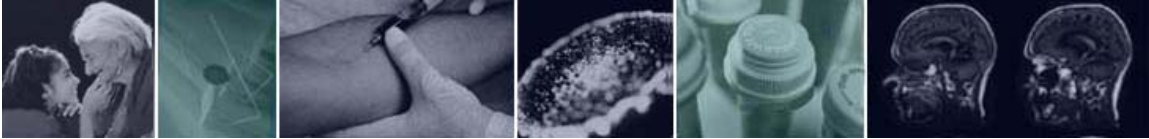




Canadian Academy of Health Sciences
Académie canadienne des sciences de la santé

scientific advice for a healthy Canada



Sommaire du programme **Program Summary** (September 2010)

Réunion annuelle 2010
Annual Meeting 2010

The Westin Hotel
11 Colonel By Drive, Ottawa, Ontario

Du 30 au septembre- Octobre 1, 2010
September 30-October 1, 2010

AGENDA

07:00 – 08:00

BREAKFAST / PETIT DÉJEUNER

Location/ Endroit - Westin Hotel, Governor General III, Foyer

08:15 – 16:30

MAJOR FORUM / FORUM PRINCIPAL

Location/Endroit: Westin Hotel, Governor General III, Level 4

11:45-13:00 LUNCHEON AND FRIESEN LECTURE



EDUCATING FOR THE FUTURE OF BIOMEDICAL SCIENCE

PROFESSOR SHIRLEY TILGHMAN 2010 Recipient of the Henry G Friesen International Prize in Health Research

Location/Endroit - Governor General III, Level 4

18:00 – 19:00

RECEPTION/ RÉCEPTION

Westin Hotel, Governor General II, Level 4

Business attire / tenue de ville

19:00 – 22:00

INDUCTION CEREMONY AND DINNER

Westin Hotel, Governor General II, Level 4

Business attire / tenue de ville

2010 DISTINGUISHED FELLOWSHIP AWARD

The Academy is delighted to welcome **Dr. Calvin R. Stiller** as the CAHS 2010 Distinguished Fellow in recognition of his outstanding contributions that have greatly enriched and transformed the health and biomedical research landscape of Canada.

Forum Program

08:15 - 08:45

Keynote Address

PERSONALIZED HEALTH CARE – EPIGENETICS, ETHICS, EDUCATION, ECONOMICS

“Where is the wisdom we have lost in knowledge? Where is the knowledge we have lost in information?”

T.S. Eliot

Tom Hudson, President and Scientific Director, The Ontario Institute for Cancer Research (session organizer – Cathy Whiteside)

In an age of exploding information and rapidly developing technology, the Canadian health system is faced with major challenges and opportunities to apply new knowledge to improve the health of individuals and populations. Personalized health care, based on information about disease susceptibility, determinants of health, new diagnostics and effective interventions, is quickly evolving. The following topics relevant to personalized health care in Canada are not mutually exclusive and will form the central themes for discussion at the Forum. We are inviting experts from among our membership to share their knowledge and ideas, leading the membership in provocative and meaningful discussion. The intent is to prepare for future assessments by the CAHS by focusing on the articulation of the most important questions.

8:45-10:00

Plenary with panel discussion

PERSONALIZED HEALTH CARE - EPIGENETICS

Speakers: **Cheryl H. Arrowsmith**, Ontario Cancer Institute, University of Toronto; **Michael Kobor**, Centre for Molecular Medicine and Therapeutics, University of British Columbia; **Gustavo Turecki**, MD, PhD, Douglas McGill Director of McGill Studies on Suicide.

Panel Co-Chairs: **Tom Hudson**, President and Scientific Director, The Ontario Institute for Cancer Research; and **Roderick McInnes**, Scientific Director, Lady Davis Institute, Jewish General Hospital, McGill University.

Access to rapid genetic screening is enabling the identification of individual human disease risk that heralds the era of personalized diagnosis and therapeutics. Epigenetics, the study of changes in phenotype of gene

expression caused by mechanisms other than changes in the underlying DNA, is now playing a profound role in discovering and understanding disease susceptibility. Defining the external influence on genomics appears to be the next revolution in driving technological advances in disease treatment. Targeted therapeutic intervention, for instance in cancer treatment, requires innovation in technology such as medical imaging and nano-pharmaceuticals. This can only be accomplished by interdisciplinary biomedical scientific approaches and investment by both the public and private sectors. What role will the Canadian scientific community play in translating epigenetic discoveries into effective personalized health care?

10:00-10:30	BREAK	Governor General III, Foyer
10:30-11:45	Plenary with panel discussion	<p>PERSONALIZED HEALTH CARE - ETHICS</p> <p><i>Speakers:</i> Timothy Caulfield, Research Director, Health Law Institute, University of Alberta and Abdallah Daar, Professor of Public Health Sciences and of Surgery and Director of Ethics and Commercialization at the McLaughlin-Rotman Centre for Global Health, University Health Network and University of Toronto <i>Panel Chairs:</i> Bartha Knoppers, Chair, Public Population Project in Genomics(P3G), McGill University; and Anita E. Molzahn, Faculty of Nursing, University of Alberta (session organizer – Tom Marrie)</p> <p>The approach to information management in the health system has significant implications for those who receive health care and those who provide it. Privacy, data ownership, data integrity and the policy frameworks necessary to manage these critically important aspects of health data are highly relevant to personalized care. What data are public, who has access and for what purposes? The ethics of health care in this era of informatics and advancing technology must also address how individual health professionals interact with patients and their families. What do we understand about optimizing the function of the health care team to provide evidence-based and best practice? Quality assurance requires standard operating procedures reflecting accountability, e.g., surgical checklist that creates new ethical levels of practice. How will new standards be managed in the Canadian health system so that personalized care is improved?</p>
11:45-13:00	LUNCH	Governor General III, Level 4
13:00-14:15	Plenary with panel discussion	<p>PERSONALIZED HEALTH CARE - EDUCATION</p> <p><i>Speakers:</i> Sally Thorne, Director, UBC School of Nursing; Mary Ensom, Director, Doctor of Pharmacy Program, Faculty of Pharmaceutical Sciences, University of British Columbia; Jeremy Grimshaw, Director, Centre for Best Practices, Institute of Population Health, University of Ottawa <i>Panel Co-Chairs:</i> Jean Gray, Dalhousie University and Thomas Feasby University of Calgary</p> <p>Who will educate the public? The ready access to online health information is changing the approach to health care. But is this for better or for worse? Just-in-time information for practicing health professionals who can immediately consult the most recent diagnostic and therapeutic guidelines should enable personalized health care. Who will ensure that health professionals keep up to date and have access to the most reliable evidence-based information? What new models of education are necessary to enable future generations of health professionals to effectively deliver patient- and family-centered care? How will health professions education in Canada address the glaring quality care gaps in our society, e.g. care of marginalized individuals and populations?</p>
14:15-14:45	BREAK	Governor General III, Foyer
14:45-16:00	Plenary with panel discussion	<p>PERSONALIZED HEALTH CARE - ECONOMICS</p> <p><i>Speakers:</i> Robert G. Evans, Department of Economics and Centre for Health Services and Policy Research, University of British Columbia; Stuart Peacock, School of Population and Public Health, University of British Columbia and BC Cancer Agency <i>Panel Chair:</i> Morris L. Barer, Director, UBC Centre for Health Services and Policy Research</p> <p>Provincial health ministries are facing unprecedented financial challenges and are under considerable pressure to bring spending under control. The speakers in this session will explore the economic realities within which decisions about funding for personalized health care will have to be made, and the challenges and opportunities for the research community, to which decision-makers will be turning for help in making those these funding decisions.</p>
16:00-16:30	Closing Address	<p>ROLE OF THE CAHS IN ADDRESSING THE CHALLENGES AND OPPORTUNITIES FOR PERSONALIZED HEALTH CARE</p> <p>Henry Friesen</p>

Agenda

07:00 - 08:00

BREAKFAST / PETIT DÉJEUNER

Location/ Endroit - Westin Hotel, Governor General III, Foyer

07:00-08:00

NEW FELLOWS ORIENTATION

Fellows are requested to bring their breakfast to the Newfoundland/Nova Scotia Rooms for a CAHS orientation session.

08:00 -11:00

ANNUAL GENERAL MEETING / Réunion annuelle de l'ACSS

Location/ Endroit: Westin Hotel, Governor General III, Level 4

08:00 – 09:00	CAHS Annual General Meeting/ Réunion annuelle de l'ACSS	Catharine Whiteside
09:00-10 :15	Update on Assessments/ Mise à jour sur les évaluations	John Cairns
10:15-10:45	Future Directions and Strategic Planning/Orientations futures et planification stratégique	Catharine Whiteside
10:45 – 11:00	Concluding Remarks/ Commentaires et conclusion	Catharine Whiteside