

Programme

Impact of Science

*Finding shared approaches to assess, enable and accelerate
impact of science on society*

14-15 June 2018

Organised by:

AESIS

NETWORK FOR
ADVANCING & EVALUATING THE SOCIETAL IMPACT OF SCIENCE



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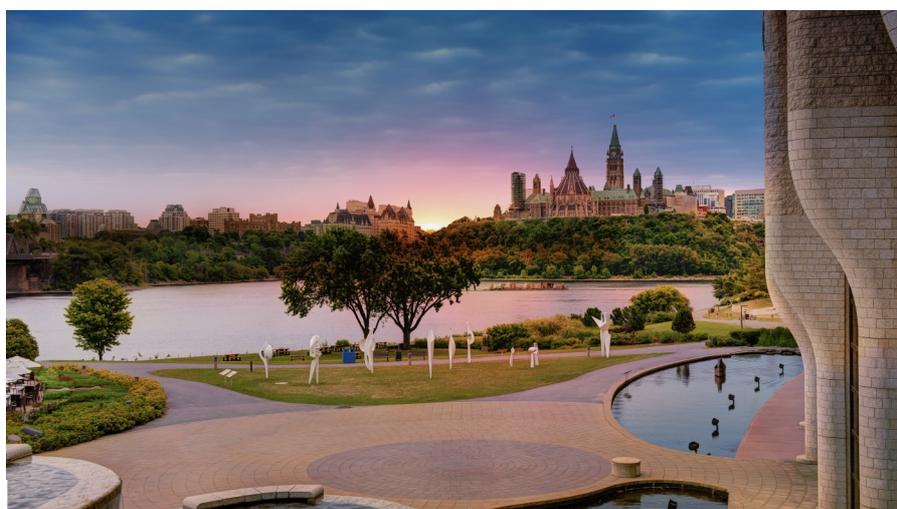


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CRSNG



Partners:



Ontario



IDRC | CRDI

International Development Research Centre
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Canada

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U¹⁵
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National Research
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TRIUMF

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- IMPACT OF SCIENCE -

Canada has been successful the last years in calling for more attention to the position of Canada worldwide in their research intensity and innovation. This has led to a variety of evaluations and strategies, most notably, the Fundamental Science Review, the Innovation and Skills agenda, and more recently, the Superclusters initiative. Furthermore, the three federal research councils, as well as the CFI and several provinces, have been aiming to evaluate funded projects on more than just academic impact. Finally, the government has reintroduced the position of Chief Science Advisor in order to generate more evidence-informed policymaking. These prospects and initiatives share one common goal: setting realistic targets for assessing, enabling, and accelerating the societal impact of science.

The AESIS Network has successfully organised the annual conference '**Impact of Science**' five times, bringing together experts such as R&D evaluators, university managers, research councils, policy makers, funders, and other stakeholders of impact. The goal is sharing, evaluating, and discussing best practices around the world on:

- Policy strategies for societal impact
- Creating (long-term) alliances between stakeholders
- Regional, national, and international instruments for evaluating and achieving impact
- Current issues on i.e. public engagement, evidence-based policy, interdisciplinary approaches, and harmonising definitions and assumptions.

In its approaches the **AESIS Network** is convinced that societal impact:

- can only be robust based on a well-balanced insight on how the impact of science on society can be measured;
- should investigate the impact of the humanities, the social sciences, and the hard sciences in one comparable approach for accountability;
- will be optimised by combining perspectives from all stakeholders of impact, including (but not limited to): research management, funders, scientometricians & societal partners.

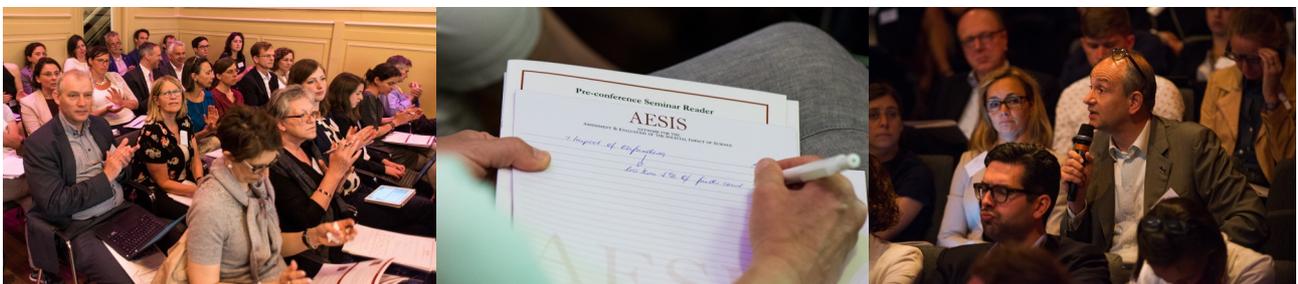
The political momentum and current research eco-system in Canada are an excellent and indeed inspirational context to foster the worldwide debate on impact. At the same time, several international perspectives can offer valuable and critical evaluations to the current progress and obstacles in Canada. The AESIS Network and its partners are excited to welcome you at the '**Impact of Science 2018**' conference in Ottawa.

Programme Advisory Committee

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Programme

Thursday 14 June

08.30-09.00 Registration

09.00-09.15 Welcome by the **Conference Chair:**

Prof. **Koenraad Debackere** General Manager of Leuven University, Belgium & Chair of the AESIS Network

09.15-11.00 I Plenary opening: Policy framework for Impact of Science

- 09.15** **Rush Holt** CEO of the American Association for the Advancement of Science, USA
- 09.30** **David Sweeney** Executive Chair, Research England, United Kingdom
- 09.45** **Mona Nemer** Chief Science Adviser of Canada
- 10.00** **Burton Lee** Managing Director, Innovarium Ventures, and Lecturer at Stanford University School of Engineering, USA
- 10.15** **Yuko Harayama** Former Executive Member, Council for Science, Technology and Innovation (CSTI), NEDO-TSC Fellow, Japan
- 10.30** Panel discussion led by the conference chair

11.00-11.30 Group picture & Break

11.30-12.45 II Parallel sessions: Demonstrating Impact

Measurement tools — <i>MacDonald Room</i> —	Internal evaluation policies — <i>Palladian Room</i> —	Assessment for funders — <i>Drawing Room</i> —	Indicators for SSH impact — <i>L'Orangerie Room</i> —
<p><i>What are the latest developments on measuring impact and how do they help creating more structured insight in impact-performance?</i></p> <p>Chris James (<i>Chair</i>) Senior Product Manager Research Metrics, Elsevier, The Netherlands</p> <p>Sean Newell Chief Executive Officer, Researchfish, United Kingdom</p> <p>Susan Renoe Director of the National Alliance for Broader Impacts, USA</p>	<p><i>Effectively evaluating impact to gain more insight in impact performance, create awareness and incentivise</i></p> <p>Robert Haché (<i>Chair</i>) Vice-President Research & Innovation, York University</p> <p>Katharine Barker Senior Lecturer at Manchester Business School, University of Manchester, United Kingdom</p> <p>Barend van der Meulen Rathenau Institute and professor at the Centre for Sciences and Technology (CWTS), Leiden University, The Netherlands</p>	<p><i>How to assess impact for a funding-strategy to structurally stimulate value of research for society</i></p> <p>David Sweeney (<i>Chair</i>) Executive Chair, Research England, United Kingdom</p> <p>Cara Tannenbaum Scientific Director, Institute on Gender and Health, Canadian Institutes of Health Research</p> <p>Jonathan Adams Director of the Institute for Scientific Information, Clarivate Analytics, USA</p> <p>Cassidy Sugimoto Associate Professor of Informatics, Indiana University, USA</p>	<p><i>Which indicators for impact are unique for SSH research and when are shared approaches preferred?</i></p> <p>Brent Herbert-Copley (<i>Chair</i>) Executive Vice-President, Social Sciences and Humanities Research Council Canada</p> <p>Claire Donovan Science and Technology Studies, Brunel University, London, United Kingdom</p> <p>Gabriel Miller Executive Director of the Canadian Federation of Humanities and Social Sciences</p>

12.45-13.45 Lunch

Programme

Thursday 14 June

13.45-15.00 III Parallel sessions: Accelerating Impact outside the Academic world

Entrepreneurial knowledge transfer — Palladian Room —	Global challenges/issues — Drawing Room —	Collaboration with industry — MacDonald Room —	Community engagement — L'Orangerie Room —
<i>How to best utilise academic knowledge into practical applications for society through entrepreneurship</i>	<i>How to best integrate global challenges in your research impact-strategy and stimulate collaboration to this purpose</i>	<i>How to engage in long-term collaboration between industry and science, and determine their roles to optimise societal impact?</i>	<i>How can the engagement of community in science improve the quality of research and its impact?</i>
Cynthia Goh (<i>Chair</i>) Founder and Director of the Impact Centre of the University of Toronto, Canada	Jean Lebel (<i>Chair</i>) President of International Development Research Centre, Canada	Yuko Harayama (<i>Chair</i>) Former Executive Member Council for Science, Technology and Innovation (CSTI), NEDO-TSC Fellow, Japan	Wendy Naus (<i>Chair</i>) Executive Director at the Consortium of Social Science Associations (COSSA), USA
Charlotta Nordenberg Innovation Advisor of Örebro University Holding AB, Sweden	Rob Annan Vice-President Public Affairs and Communications, Genome Canada	Magnus Gulbrandsen Centre for Technology, Innovation and Culture at the University of Oslo, Norway	Richard Gordon Chief Executive at Landcare Research, New Zealand
Tamika Heiden Principal of Knowledge Translation Australia	David Phipps Research Impact and Executive Director Research and Innovation Services, York University, Canada	Ridha Ben-Mrad Chief Research Officer and Associate Academic Director, Mitacs Inc., Canada	Crystal Tremblay Research Director UNESCO Chair in Community Based Research & Social Responsibility in HE, Canada

15.00-15.30 Break

15.30-16.00 IV International collaboration to address impact in broader challenges

15.30 **Stephane Berghmans** Vice President Academic Relations for the EU, Elsevier, Belgium

16.00-17.15 V Interactive debate: Conditions for integrating impact in policies: shared and tailored approaches

16.00 Recommendations from the parallel sessions

16.15 Moderator: **Martin Kirk**

Panel members:

Alfred LeBlanc Vice-President, Communications, Corporate and International Affairs, Natural Sciences and Engineering Research Council, Canada

David Sweeney Executive Chair, Research England, United Kingdom

Wendy Naus Executive Director at the Consortium of Social Science Associations, USA

*During the debate the audience can post statements and vote for them.
These questions will (also) be debated.*

Closing remarks by Prof. **Koenraad Debackere**

17.15 **Reception**

18.30 **Dinner**

Programme

Friday 15 June

08.30-09.00 Registration

09.00 Conference Chair: Prof. **Koenraad Debackere**

What did we achieve on the first day and how does it relate to the second day programme

09.15-10.10 VI The Government as a user of Science

Molly Shoichet Chief Scientist of Ontario, Canada
Rémi Quirion Chief Scientist of Québec, Canada
Jeremy Ayers Vice President of Policy, Results for America

10.00-10.15 Move to roundtables (check registration for correct session)

10.15-11.00 VII Roundtables

Responsive Research Councils — Red —	Implementing Impact in Institutions — Green —	Impact & Funding — Orange —	Regional Innovation — Grey —	Science of Science Impact — Blue —	Additional Plenary Session: Results and Delivery in the Science Eco-system — MacDonald Room —
<p><i>How can funders foster an ecosystem that enables impact?</i></p> <p><i>Coordinators:</i></p> <p>Melanie Knetsch Economic and Social Research Council, United Kingdom</p> <p>☺</p> <p>Susan Morris Natural Sciences and Engineering Research Council, Canada</p>	<p><i>How to focus research institutions on creating new research knowledge and translating that knowledge into impact beyond the academy?</i></p> <p><i>Coordinators:</i></p> <p>David Phipps Research Impact and York University, Canada</p> <p>☺</p> <p>Susan Renoe National Alliance for Broader Impacts, USA</p>	<p><i>How can structured management of research data/info improve outcomes, help measure impact and generate more funding?</i></p> <p><i>Coordinators:</i></p> <p>Anne Rauh Syracuse University Libraries</p> <p>☺</p> <p>Laura Hillier Canada Foundation for Innovation</p> <p>☺</p> <p>CIHR Representative</p>	<p><i>How to identify and optimise societal impact in regional innovation systems fostering competition and connectivity?</i></p> <p><i>Coordinators:</i></p> <p>Koenraad Debackere Leuven University, Belgium</p> <p>☺</p> <p>David MaGee University of New Brunswick, Canada</p>	<p><i>How can we accelerate the use of scientific evidence to optimize policy and societal impact?</i></p> <p><i>Coordinators:</i></p> <p>Kathryn Graham Alberta Innovates</p> <p>☺</p> <p>Pierre Therrien Government Canada</p> <p>☺</p> <p>Meghan McMahan Canadian Institutes for Health Research</p> <p>☺</p> <p>Barend van der Meulen Rathenau Institute</p>	<p><i>Speaker:</i></p> <p>Chad Hartnell Director of Operations, Impact and Innovation Unit, Privy Council, Canada</p>

11.00-11.30 Break

Programme

Friday 15 June

11.30-12.45 VIII Parallel sessions: Institutional Policy, Programmes & Culture

Research policy & strategy — MacDonalD Room —	Big Science & infrastructure — Palladian Room —	Applied research institutes — L'Orangerie Room —	Interdisciplinary approach — Drawing Room —
<p><i>How can (research) management adjust policy and strategy to help researchers and stimulate impact?</i></p> <p>Toby Smith (<i>Chair</i>) Vice-President Policy, American Association of Universities</p> <p>Kennan Salinero Executive Director, ReImagine Science, USA</p> <p>Christian Kobsda Political Consultant to the President, Leibniz Association, Germany</p>	<p><i>How can (national) research infrastructures be used and further developed to best support societal impact of science?</i></p> <p>Laura Hillier (<i>Chair</i>) Director Evaluation and Outcome Assessment, Canada Foundation for Innovation</p> <p>Mikael Östling Deputy President, KTH Royal Institute of Technology, Sweden</p> <p>Jonathan Bagger Director of Canada's particle accelerator centre TRIUMF</p>	<p><i>How can applied research institutions advance and evaluate the impact of their science?</i></p> <p>Christine Trauttmansdorff (<i>Chair</i>) Vice-President of Colleges and Institutes, Canada</p> <p>André Roos Director Centre for Entrepreneurship at Saxion, the Netherlands</p> <p>David Berthiaume Executive Director, Oleotek, Canada</p>	<p><i>How can interdisciplinary approaches stimulate impact of research, and how can we institutionalise this approach?</i></p> <p>Amy Cook (Director Knowledge Mobilization) & Jonathon Moir (Research Analyst), Canadian Institute for Advanced Research</p> <p>Katherine Amato Assistant Professor Anthropology at Northwestern University, USA</p> <p>Alice Rajewsky Head of Sector Humanities, Scientific Department, European Research Council Executive Agency (ERCEA), Brussels, Belgium</p>

12.45-13.45 Lunch

13.45-15.45 IX How to implement an impact strategy in Canada? Broader challenges & setting targets

13.45 Outcomes Parallel sessions & Roundtables

14.00 Ranking the Recommendations

14.15 Audience - remaining questions and debates

14.45 Closing Panel with Conference Chair: Prof. **Koenraad Debackere**

Panel members:

Kathryn Graham Executive Director, Performance Management and Evaluation, Alberta Innovates, Canada

Pari Johnston Vice-President Policy and Public Affairs, Universities Canada

Gilles Patry Executive Director, U15 Group of Canadian Research Universities

Toby Smith Vice-President Policy, American Association of Universities

15.30 Closing remarks and summary by the Conference Chair: Prof. **Koenraad Debackere**

15.45-16.45 Reception