



# ISSP NEWS

## NOVEMBER 2019

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## UPCOMING EVENTS



**Debate : Go Big or Go Home? The Future of Canadian Energy**

Monday, December 2, at the Chateau Laurier

Individuals: \$79,00

Students: 39,00

**Debate: The Evolution of Higher Education: Shifting to Interdisciplinary and Life-long Learning Models**

Tuesday, December 10, 4 PM, Desmarais Building, DMS 12102



## PAST EVENTS

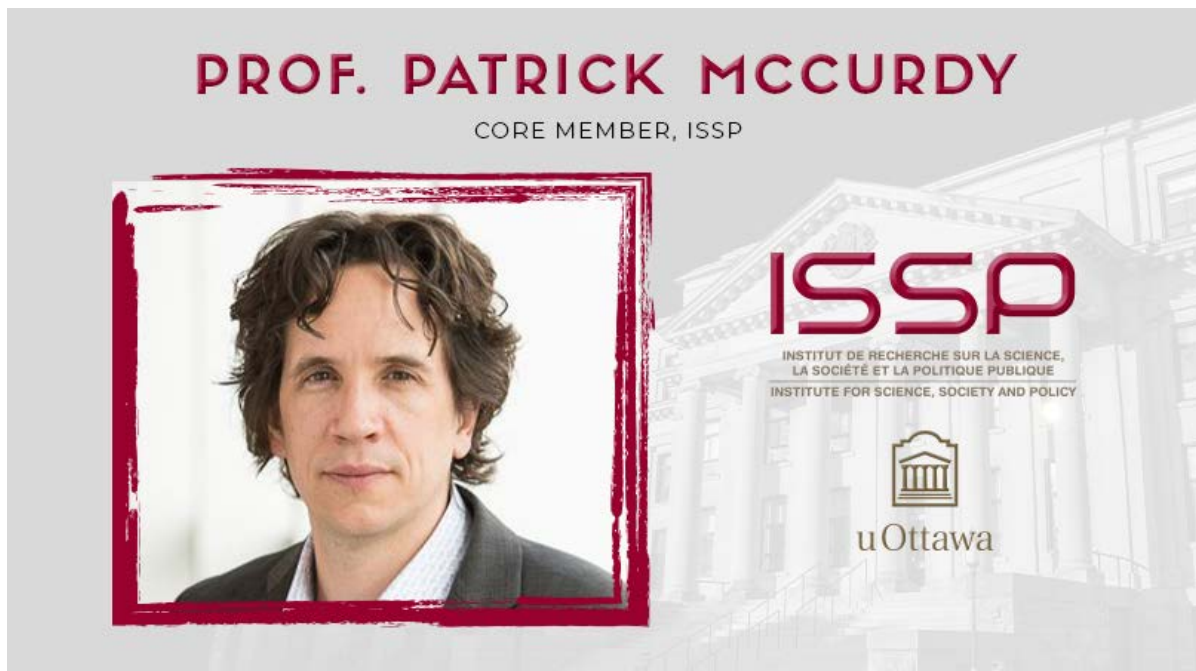


**Luncheon talk - L'Interface entre science, société et politique publique dans la première modernité : le rôle des académies au 18e siècle**



**Whose Facts actually Matter? How to Truly Embrace Inclusiveness in Science, Innovation and Policy (CSPC 2019)**

## MEMBER SPOTLIGHT



**Patrick McCurdy** is an Associate Professor, Department of Communication, Faculty of Arts, University of Ottawa.

His research draws from media and communication, journalism as well as social movement studies to view media as a site and source of social struggle. Professor McCurdy's work has been published in numerous peer-reviewed journals and edited collections. He is also the co-author of one book and co-editor of three books.

Since 2013, he has taken an active interest in the struggle and evolution of oil/tar sands advertising, campaigning and contestation in Canada from 1970 until the present day. In 2016 Professor McCurdy won SSHRC & Compute Canada's national competition, *The Human Dimensions Open Data Challenge* for "Mediatoil," his online searchable database of oil sands imagery ([www.mediatoil.ca](http://www.mediatoil.ca)). In April 2018, Patrick was awarded the 2017 Early Researcher Award from the Faculty of Arts, University of Ottawa. Also, in 2018, Professor McCurdy released a graphic novel based on his research called "The Beast: Making a Living on a Dying Planet." The comic was co-developed with and published by, Ad Astra Comix (Ottawa) and is also published as an open-source download by the Digital Press at the University of North Dakota.

Currently, Professor McCurdy is working on a three year SSHRC Insight Grant (2018-2021) studying the legacy of "Tar Sands," a banned and long-forgotten 1977 CBC docudrama about Alberta Premier Peter Lougheed's negotiations of the Syncrude agreement. The project uses "Tar Sands" to analyze the rise and confluence of 'the synthetic' (energy, media and politics) and draw links between past and present conflicts over bitumen extraction. Patrick is under contract with McGill-Queen's University Press for a project-based monograph and is making a documentary film about Tar Sands.

**Contact Professor Patrick McCurdy**

## ISSP RESEARCH CLUSTERS

The ISSP has launched six new Research and Engagement Clusters, which will enable the ISSP to leverage its strengths, realize synergies, secure larger tri-council grants and other sources of external funding, and expand ISSP networks and reputation within and beyond the University.

- **Arctic Change**
- **Artificial Intelligence and Robotics**
- **Energy**
- **Inclusive Innovation**
- **Risk, Technology and Security**
- **Science Advice**



## POSITIVE ENERGY

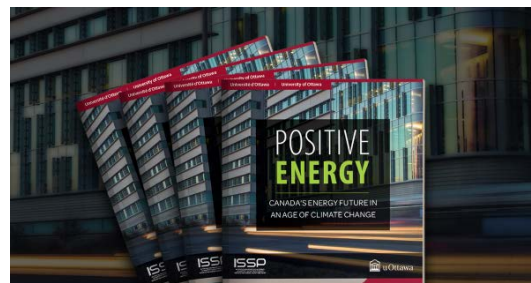
**Positive Energy** uses the convening power of the university to bring together academic researchers and senior decision-makers from industry, government, Indigenous communities, local communities and environmental organizations to determine how to strengthen public confidence in energy decision-making.

### Read the brochure



In the latest episode of the Positive Energy Podcast, Michael Cleland, Senior Fellow, Positive Energy, uOttawa discusses Canada's climate change history, the importance of vocabulary used in Canada's energy debate, and the evolving role of institutions in climate and energy policy.

### Listen to the Positive Energy Podcast



New survey work from Nanos Research and Positive Energy gauges public opinion on polarization related to Canada's performance on energy and environment, and identifies several key areas of agreement on energy and environmental policies.

### Read the survey



Do you want to know more about Positive Energy?

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## THE ISSP MASTER'S



September 2019 marks the fifth year the **ISSP Collaborative Master's program** is being offered, with eleven participating departments and faculties. We've continued to experience a steady rise in the number of inquiries from students and faculty members alike about the admission criteria and program requirements. To be accepted into the Collaborative Master's program, students must be admitted to one of the participating programs at the University of Ottawa.

## MEMBER ACTIVITIES



**Professor Kelly Bronson**, Core Member of the ISSP, Canada Research Chair (Tier 2) in Science and Society and Assistant Professor at the School of Sociological and Anthropological Studies, Faculty of Social Sciences, University of Ottawa, co-leads the **Inclusive Innovation** ISSP Research and Engagement Cluster.

Professor Bronson was the keynote speaker at York University's Research Seminar Series in Science &

Technology Studies (STS) titled *Data-driven: Agribusiness, activists and their shared politics of the future*.

- **Data-driven: Agribusiness, activists and their shared politics of the future** (York University)
- **Inclusive Innovation**
- **Contact Professor Kelly Bronson**

**Professor Jackie Dawson**, Core Member of the ISSP, Canada Research Chair in Environment, Society and Policy, Associate Professor at the Department of Geography, Faculty of Arts and ArcticNet's scientific co-director at the University of Ottawa, leads the **Arctic Change** ISSP Research and Engagement Cluster.



- **Arctic Change**
- **Contact Professor Jackie Dawson**



**Professor Paul Dufour**, Senior Fellow at the ISSP and Adjunct Professor, University of Ottawa, received the 1st ever Canadian Science Policy Centre Award for Exceptional Contribution to Science Policy.

Professor Dufour was also quoted in an article by The Globe and Mail.

- **Scientists disappointed by elimination of federal cabinet post** (The Globe and Mail)
- **Contact Professor Paul Dufour**

**Professor Kamiel Gabriel**, Senior Fellow at the ISSP, Professor, Faculty of Engineering and Applied Science at the University of Ontario Institute of Technology and Fellow, Balsillie School of International Affairs, was a speaker on the Zero-Waste Cities panel, at the Asia-Pacific Summit on Low-Carbon Technology, in China. The opening speaker was Mr. Ban Ki-Moon, former UN General Secretary.



- **Asia-Pacific Summit on Low-Carbon Technology**
- **Contact Professor Kamiel Gabriel**

**Professor Monica Gattinger**, Director of the ISSP, Chair of Positive Energy and Full Professor at the School of Political



Studies, Faculty of Social Sciences, University of Ottawa, leads the **Energy** ISSP Cluster.

Professor Gattinger moderated the panel on the Research without borders: funding agency case studies on international collaboration panel and the ISSP panel Whose Facts actually Matter? How to Truly Embrace Inclusiveness in Science, Innovation and Policy.

- **Research without borders: funding agency case studies on international collaboration** (CSPC 2019)
- **Whose Facts actually Matter? How to Truly Embrace Inclusiveness in Science, Innovation and Policy** (CSPC 2019)
- **Energy**
- **Contact Professor Monica Gattinger**

**Professor Stefanie Haustein**, Faculty Affiliate at the ISSP, as well as Assistant Professor at the Department of Information Studies, Faculty of Arts, University of Ottawa, was a speaker on the Mapping dynamic research ecosystems: tapping into new indicators, big data, and emerging technologies panel, at the 2019 Canadian Science Policy Conference.

Professor Haustein was one of 7 researchers at uOttawa and the only woman to be featured in the Web of Science *Highly Cited Researchers* 2019, which identifies scientists and social scientists who have demonstrated significant broad influence, reflected through their publication of multiple papers frequently cited by their peers during the last decade.



- **Mapping dynamic research ecosystems: tapping into new indicators, big data, and emerging technologies** (CSPC 2019)
- **Professor Stefanie Haustein featured in the Web of Science Highly Cited Researchers 2019** (PDF file)
- **Contact Professor Stefanie Haustein**

**Professor Rees Kassen**, ISSP Core Member, as well as Full Professor, Department of Biology, University of Ottawa, hosted the INGSA North America workshop Science advice for foresighting: the slow-burn, at the 2019 Canadian Science Policy Conference.



- **Science advice for foresighting: the slow-burn** (CSPC 2019)
- **Contact Professor Rees Kassen**

**Jeff Kinder**, Senior Fellow at the ISSP, as well as Executive Director, Science and Innovation at the Institute on Governance, was the moderator of the Science Policy 101 workshop and speaker on the ISSP panel Whose Facts actually Matter? How to Truly Embrace Inclusiveness in Science, Innovation and Policy, at the 2019 Canadian Science Policy Conference.



- **Science Policy 101** (CSPC 2019)
- **Whose Facts actually Matter? How to Truly Embrace Inclusiveness in Science, Innovation and Policy** (CSPC 2019)
- **Institute on Governance**
- **Contact Jeff Kinder**



**Professor Pascale Massot**, an Assistant Professor at the Department of Political Studies, Faculty of Social Sciences, University of Ottawa, was a panelist on the Public Policy Forum Fall Dinner – Stuck in the Corner: The U.S.-China Strategic Rivalry and How Canada Plays It.

- **PPF Fall Dinner – Stuck in the Corner: The U.S.-China Strategic Rivalry and How Canada Plays It** (Public Policy Forum)
- **Contact Professor Pascale Massot**

**Margaret McCuaig-Johnston**, Senior Fellow at the ISSP, University of Ottawa, commented extensively in the media about the current status of Canadian-Chinese international relations.



- **Canada forgotten as U.S. president strikes trade deal with Beijing** (Alberta Farmer Express)
- **A 'friend of China' no more: Why a longtime Canadian ally has become one of Beijing's fierce critics** (The



Star Vancouver)

- **The crucial China opportunity ahead of us** (The Globe and Mail)
- **Contact Margaret McCuaig-Johnston**



**Professor Jason Millar**, Core Member of the ISSP, Canada Research Chair (Tier 2) in the Ethical Engineering of Robotics and AI and Assistant Professor at the School of Electrical Engineering and Computer Science, Faculty of Engineering, University of Ottawa, leads the **Artificial Intelligence and Robotics** ISSP Cluster.

Professor Millar was a speaker at the panel Artificial Intelligence (AI) – How interdisciplinary AI contributes to resilient and just societies, at the 2019 Canadian Science Policy Conference and was cited in an article by The Fulcrum.

- **Artificial Intelligence (AI) – How interdisciplinary AI contributes to resilient and just societies** (CSPC 2019)
- **“I Want More Life:” The ethics of artificial intelligence** (The Fulcrum)
- **Artificial Intelligence and Robotics**
- **Contact Professor Jason Millar**

**Professor Andrew Pelling**, Faculty Affiliate of the ISSP and Associate Professor, Department of Physics, Faculty of Science, University of Ottawa, was a speaker at the panel the Harnessing the power of the crowd: innovative solutions to engaging communities in research, at the 2019 Canadian Science Policy Conference.

- **Harnessing the power of the crowd: innovative solutions to engaging communities in research** (CSPC 2019)
- **Contact Professor Andrew Pelling**



**Professor Mark Salter**, Core Member of the ISSP and Full Professor at the School of Political Studies, Faculty of Social Sciences, University of Ottawa, leads the **Risk, Technology and Security** ISSP Cluster.

- **Risk, Technology and Security**
- **Contact Professor Mark Salter**



**Professor Marc Saner**, Inaugural Director and Core Member of the ISSP, as well as Full Professor and Chair of the Geography, Environment and Geomatics Department, University of Ottawa, leads the **Science Advice** ISSP Cluster.

Professor Saner was a speaker at the Science Policy 101 workshop, at the 2019 Canadian Science Policy Conference.

- **Science Policy 101** (CSPC 2019)
- **Science Advice**
- **Contact Professor Marc Saner**



**Professor Sandra Schillo**, Core Member of the ISSP and Associate Professor at the Telfer School of Management, University of Ottawa, co-leads the **Inclusive Innovation** ISSP Cluster.

- **Inclusive Innovation**
- **Contact Professor Sandra Schillo**



**Professor Gregor Wolbring**, Senior Fellow, ISSP, Genomics Cluster Collaborator, ISSP @Risk project, as well as Associate professor, Cumming School of Medicine, University of Calgary, co-authored a paper with Aspen Lillywhite, titled Undergraduate Disabled Students as Knowledge Producers including Researchers: A Missed Topic in Academic Literature.

- **Undergraduate Disabled Students as Knowledge Producers including Researchers: A Missed Topic in Academic Literature** (Research Gate)
- **Contact Professor Gregor Wolbring**





**Professor Nathan Young**, Faculty Affiliate of the ISSP and Associate Professor, Department of Sociological and Anthropological Studies, Faculty of Social Sciences, University of Ottawa, was a speaker at the panel Bringing the social sciences into new policy spaces: solution-oriented case studies and dialogue, at the 2019 Canadian Science Policy Conference.

- **Bringing the social sciences into new policy spaces: solution-oriented case studies and dialogue** (CSPC 2019)
- **Contact Professor Nathan Young**

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