Dear <<First Name>> <<Last Name>>,

Welcome to this issue of the ISSP News,
Fall is upon us, and the ISSP has a very active research, teaching and engagement program for the upcoming year.

This issue of the ISSP News shares our activities over the summer – we remained busy over the summer as well!

In research, both our @Risk and Positive Energy projects advanced considerably on conducting, mobilizing and disseminating research on risk management (@Risk) and public confidence in energy decision-making (Positive Energy).

In teaching, we prepared to welcome the 2018 cohort in our Collaborative Master’s program in Science, Society and Policy.

And in outreach, we welcomed senior officials from the Chinese Academy of Sciences (CAS) to advance our joint MOU supporting collaboration between the ISSP and CAS.

The new year will be off to an active start – stay tuned for upcoming events and opportunities to engage with the ISSP.

Kind regards,
Monica Gattinger, PhD

We are pleased to welcome Dr. Lundy Lewis as the new Canada/US Fulbright Visiting Research Chair in Science and Society for the fall 2018 term at the ISSP.

Dr. Lewis is a former Christos and Mary Papoutsy Distinguished Chair in Ethics and Social Responsibility at Southern New Hampshire University in the US. He is a Professor of Computer Information Systems with research interests in applied artificial intelligence, social robots, and human-robot
interaction. Dr. Lewis infuses his lectures with real-world examples and invites industry experts to help students prepare for information-technology careers. He also teaches courses on game design and digital music.

He holds thirty-seven US patents and has published three books on applications of AI in network and service management. He received a PhD in Philosophy with a concentration in logic and AI at the University of Georgia, an MS in Computer Science at Rensselaer Polytechnic Institute, and a BA in Mathematics and BS in Philosophy at the University of South Carolina. Dr. Lewis uses humanoid robots to help enhance the social skills of young subjects with autism and other cognitive/emotional deficits. He designs human-robot interaction protocols to encourage essential, foundational social skills such as joint attention and turn-taking. Subjects are gauged on their improvements over time both within therapy sessions and in common activities outside the sessions.

He has participated in research awards from the Small Business Innovative Research program in the US government and the Australian Research Council on topics in cyber-security and enterprise management. Dr. Lewis has an entrepreneurial bent and has co-founded start-up companies in video game development, cybersecurity, and smart appliances.

We are very excited to announce that Dr. Marisa Beck has joined the ISSP as our new Research Director.

Dr. Beck joined the ISSP in March 2017 as a Postdoctoral Fellow with the Positive Energy research project. Marisa completed her PhD in Global Governance at the Balsillie School of International Affairs (University of
Waterloo), where she held a Vanier Canada Graduate Scholarship. In 2014-15, she was a Visiting Researcher at the Integrative Research Institute on Transformations of Human-Environment Systems (IRI THESys) at the Humboldt University of Berlin, Germany. Marisa’s research focuses on the politics and processes of evidence-based decision-making in climate and energy policy, and she is particularly interested in understanding the drivers of policymakers’ demands for and use of evidence in decision-making.

She holds an MSc in Environmental Policy and Regulation from the London School of Economics, and a graduate degree in Business Administration from the University of Mannheim in Germany. Before coming to Canada in 2012 for her PhD, Marisa worked as an analyst for global carbon markets with a leading research and information provider for carbon and clean energy markets in London, UK.

@Risk: Strengthening Canada’s Ability to Manage Risk, is a SSHRC / Genome Canada funded two-year research project (2017-2019) that focuses on how to reconcile the tensions inherent in public decision-making in situations where experts and public stakeholders have different perceptions of risk and preferences on how to mitigate risk. The research goal is to identify conceptual frameworks and mechanisms to strengthen Canada’s risk management capacity in situations where expert and lay public assessments of risk differ.

The @Risk Research Team held its annual workshop in Ottawa in May 2018. A public lecture kicked off the session, entitled “Managing Risk: Should the Public be Engaged based on Values, not Risks?” This panel explored opportunities and challenges for improving public engagement in risk management by including public values. During the working session, the Team discussed and advanced case study comparisons, the draft comparative framework, design considerations for the survey component planned for the fall, and outreach and engagement opportunities.
Positive Energy uses the convening power of the university to bring together university experts and key decision-makers from industry, government, Indigenous communities, local communities and environmental organizations to determine how energy resources can be developed in a way that garners acceptance and benefits society at large. Positive Energy undertakes pragmatic, applied, solution-oriented research to find out what works, what doesn't, and how various energy interests can seek and obtain broad social support for energy policies, regulation and individual energy projects.

As noted in the March-April newsletter, Positive Energy completed its first three-year project in April with a major national conference. Now, the team is turning its attention to designing the research and engagement strategy for Trust in Transition, Positive Energy’s next three-year project. Trust in Transition will focus on how to build and maintain public confidence in energy transition decision-making systems, with a particular focus on the role of municipalities and Indigenous governments in transition, social acceptance of energy technologies, the role and place of the oil and gas sectors in transition, and the information base needed for transition decision-making.

More information about the second phase of Positive Energy can be found below.
Dr. Mu Rongping, Secretary General of the Chinese Academy of Sciences’ (CAS) Institutes of Science and Development, met with ISSP Senior Fellows Margaret McCuaig-Johnston and Paul Dufour to discuss the ISSP-CAS MOU and recent developments in both China’s and Canada’s science and innovation policy.

Also attending from China were Professor Qu Wan and Science Counsellor Wang Junming of the Chinese Embassy. Gary Slater, Associate Vice-President for Student Affairs, attended for a discussion of models for student mobility and dual degrees which could be open to CAS University. Vincent Lacroix-Cuerrier, Project Officer (Asia) in the International Research Office attended for the discussion of research collaboration.

It was agreed that Margaret and Paul would contribute to Dr. Mu’s new Journal on Innovation and Development Policy.
September 2018 marks the fourth year that the ISSP has been offering its collaborative Master's Program 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.

The **ISSP Collaborative Master's program** provides an opportunity for existing graduate students to gain additional training. To be accepted into the Collaborative Master's program, students must be admitted to one of the participating programs at the University of Ottawa.

**ISSP Member Announcements**

**Rukhsana Ahmed**, Core Member of the ISSP, started a new position at the University at Albany, State University of New York. She continues to be an Adjunct Professor at uOttawa's Department of Communication and will hence forth be a faculty Affiliate of the ISSP.
Heather Douglas, ISSP Fellow, joined the Michigan State University College of Arts & Letters as an Associate Professor in the Department of Philosophy.

Monica Gattinger, Director of the ISSP, was appointed to the Advisory Council of the Nuclear Waste Management Organization. The Advisory Council is an independent arm’s length body that provides advice and views on how the NWMO discharges its responsibilities for designing and implementing Canada’s plan for the safe long term management of used nuclear fuel.

Rees Kassen, Core Member of the ISSP, was appointed chair of the working group to establish an INGSA (International Network for Government Science Advice) chapter in North America.

Ian Kerr, Core Member of the ISSP, became a key partner in a S$4.5 million research grant for a five-year Research Programme on the Governance of Artificial Intelligence (AI) and Data Use. The grant was awarded to the Singapore Management University School of Law by Singapore’s National Research Foundation and Singapore's Infocomm Media Development Authority.

Jeremy Kerr, Core Member of the ISSP, had his University of Ottawa Research Chair in Macroecology and Conservation Biology renewed for five more years.