Seminars

**MTST** The Mathematical and Computational Finance Laboratory: Lunch in the Lab Seminar series presents “General Compound Hawkes Processes for Mid-Price Prediction” by Myles Sjogren (Department of Mathematics & Statistics, University of Calgary) on **Tuesday, February 1st at 12:00pm**. Please contact the Mathematics and Statistics Department for zoom details (mathadmin@ucalgary.ca)

**GEOS** G.O.L.D. Seminar series: “Identification of regional structural corridors in the Montney play using trend surface analysis combined with geophysical imaging” by Paulina Wozniakowska (Department of Geoscience, UofC) on **Wednesday, February 2nd at 12:00pm**. Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca)

**MTST** Eric Milner’s Colloquium: “Sustainability and optimality of delayed impulsive harvesting: How difference equations can make a difference” by Jennifer Lawson on **Thursday, February 3rd at 4:00pm**. Please contact the Mathematics and Statistics Department for zoom details (mathadmin@ucalgary.ca)

**FoS** EDI Leadership club: “The Impact of Culture in Academia” on **Thursday, February 3rd from 10:00-11:00am**. There will be a short experiential exercise based on a required reading (7 pages, ~15 min read) about the concept of "Power Distance", followed by an open conversation. No past experience is required! **This event is open to graduate students & faculty.** Pre-register here: [https://ucalgary.zoom.us/meeting/register/tJEqdOyyqD0rHNahVS5t7QwL4b0872sNZEic](https://ucalgary.zoom.us/meeting/register/tJEqdOyyqD0rHNahVS5t7QwL4b0872sNZEic)

**BISI** Ecology and Evolution Biology Seminar: “Winter surface cover conditions in small, shallow lake systems are a key driver of under-ice productivity due to light limitations” by David Barrett (Department of Biological Sciences, UofC) on **Friday, February 4th at 12:00pm**. Please contact the Biological Sciences Department for zoom details (biosci@ucalgary.ca)

**GEOS** Friday Afternoon Talk Series (FATS): “Meager Creek Geothermal Project: the future of energy” By Crain Dunn & Madison Ritchie (WellDunn Consulting Ltd.) on **Friday, February 4th at 4:00pm**. Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca)

**UCBC** University of Calgary Biostatistics Centre is hosting an *Introduction to R Programming Workshop* on **February 22, from 4:00-6:30pm** and **February 23, from 9:00-11:30am**. Please see attached pdf for details.

Opportunities

**Start Here: Building and Presenting your EDI plan for Tri-Council Funding Applications**
Participants will learn how EDI is tied to research excellence, how to develop an authentic, high-impact EDI plan in their own research program/team, and how to avoid common issues in Tri-council funding applications. [Register here](https://ucalgary.zoom.us/meeting/register/tJEqdOyyqD0rHNahVS5t7QwL4b0872sNZEic) for **Friday, Feb 4, 2022, 12 to 1:20 p.m. MST**

**From Lab 2 Fulfillment (FL2F) workshop**
This purpose-driven workshop is for female faculty to help transform their research and discoveries into products and companies. The workshop was created by Dr. Yadid-Pecht (Department of Electrical and Computer Engineering) to guide women in STEM and Medicine towards commercialization. For more information on this workshop please check out their website [http://www.fl2f.ca/](http://www.fl2f.ca/). They are willing to accommodate up to two female faculty members from Science this year. If you would like more information or are interested in attending, please Contact: Dr. Orly Yadid-Pecht (orly.yadid-pecht@ucalgary.ca).
Reminder: Emissions Reduction Alberta (ERA): Carbon Capture Kickstart is seeking proposals to develop critical insights, build momentum, and accelerate decision-making for investments into industrial scale carbon capture and transport projects in Alberta. See ERA’s program page and Expression of Interest guidelines pages, and the UC funding calendar page for more information. Research Services EOI deadline: February 28 at 12:00pm RSO Contact: Lisa Singh

REMINDER: Energy Innovation Program - Clean Fuels and Industrial Fuel Switching advances clean energy technologies that will help Canada meet its climate change targets, while supporting the transition to a low-carbon economy. As part of OERD’s efforts to accelerate the development of technologies that can decarbonize industry, this funding call targets three focus areas: 1) Industrial Fuel Switching, 2) Clean Fuels Production, and 3) Hydrogen Codes and Standards. See program page for more details. An EOI is required by the agency and due on February 2 - if you submit to the agency please email a copy of your EOI to rsogrants@ucalgary.ca at the time of submission.

Opportunities – Awards

If you are planning on submitting a nomination for yourself or someone else, and would like support in developing the nomination package, please contact Danielle Demiantschuk as early as possible.

Calgary Awards, offered by the City of Calgary, celebrate and recognize outstanding achievements and contributions made by Calgarians. Last year there were four major categories which included: The Award for Accessibility; The Community Achievement Awards; The Environmental Achievement Award; The International Achievement Award. The Calgary Awards are now open until February 9. Further information on these awards will be communicated in early January.

Emerald Awards celebrate individuals who are raising the bar in addressing local, regional, and global environmental and climate issues. These environmental awards celebrate excellence across all sectors, more information can be found on the awards page. Deadline: February 11.

UCalgary Sustainability Awards honor students, faculty and staff members for their outstanding positive contributions to the sustainable future of UCalgary and our world. Nominations for any of the six categories (undergraduate student, graduate student, research, teaching and staff – individual or group), and self-nominations are welcome until February 22, 2022.

Royal Society of Canada Awards and Medals nomination period, which will be open from January 15 to March 31. Please visit the RSC Awards and Medals page for the eight 2022 opportunities in geological, biological, mathematical, medical, environmental, chemical, and atmospheric science, and physics.

The Global Energy Prize is awarded to the world’s leading scientists, whose discoveries and technological innovations meet global energy challenges. More information is here. Deadline: March 20.

The Charles A. Whitten Medal (American Geophysical Union) is awarded to a senior scientist in recognition of outstanding achievement in research on the form and dynamics of the Earth and planets (usually in geodesy, nonlinear geophysics, planetary sciences, seismology or tectonophysics). Deadline: April 1, 2022

The Waldo E. Smith Award (American Geophysical Union) is awarded to a senior scientist in recognition of extraordinary service to Earth and space science. Successful candidates have strengthened and helped advance our scientific disciplines, as well as played unique leadership roles in scientific associations, education, legislation, research, management, philanthropy, or the public understanding of science. Deadline: April 1, 2022
Calgary’s Top 40 Under 40 features young business and community leaders who are excelling in their careers, are giving back to the community, and who, through personal and professional efforts, are raising the profile of Calgary. Please visit the website for more information. **Deadline: April 30.**

**Opportunities – Health Sciences**

**Reminder: Alberta Innovates/CIHR: Computer Modeling and Simulation to Accelerate Health Research** to advance a priority research area of Computer Modeling and Simulation to Accelerate Health Research. This partnership serves as a digital health catalyst for health research in Alberta and complements Alberta Innovates’ Accelerating Innovations into Care – Concepts Program. This opportunity is being delivered through CIHR’s 2022 Spring Project Grant Competition (202203PJT) and aims to develop novel tools, techniques, methods, or technologies for computational modelling and simulation to accelerate health research OR radically advance existing computational modelling and simulation approaches to accelerate health research. Up to $150,000 per project for 1 year is available. **Registration deadline February 9; RSO internal application deadline March 7 @ 9am**

**Reminder: CIHR: Reviewer in Training Program** offers Early Career Researchers (ECRs; 0-84 months from first academic appointment) an opportunity to better understand the elements of high quality review and the peer review process through direct participation in the Project Grant competition with the support of a Mentor. **More information** can be found [here](#). **Deadline February 4th. RSO contact: Lindsey Hritzuk**

**Opportunities – Social Sciences**

**Reminder: Office of the Privacy Commissioner of Canada: Contributions Program 2022-23** funds independent privacy research and knowledge translation initiatives that seek to better understand and address key and emerging issues related to privacy. This year, the OPC is particularly interested in funding projects on “Who is impacted and how: assessing and mitigating privacy risks, barriers and inequalities”. **RSO full application deadline February 4 at 12:00 p.m. Contact: Emma Koiston**

**Opportunities – Postdoctoral Scholars and Graduate**

**REMINDER: 2022 Killam Postdoctoral Fellowship** enables Postdocs to engage in training at the University of Calgary in all faculties and research areas, consolidate their research training, develop and initiate original research in their discipline, and contribute to the activities of the host unit. Postdocs who have completed their PhD or equivalent degree from another institution between 1 September 2019 and 1 September 2022 are eligible; details are [here](#). **Award**: $50,000 per year for two years and a one-time $6,000 research allowance **Deadline**: Friday, February 18 at 11:59 p.m. MST **Contact**: vprawards@ucalgary.ca

**National Science Foundation- STEM Education Postdoctoral Fellowship (new!)** is soliciting applications for postdoctoral fellowships. **The Fellowships are open to U.S. citizens, national or legally admitted permanent resident alien of the United States. Details:** [here](#) **Deadline**: March 1

**GSA** Peer Beyond Graduate Research Conference is now open for presentation registration. The virtual conference will be **Feb 23 to 25.** Graduate students are invited to present their research through a talk, poster or an exhibit by registering [here](#). Last year, 95 Graduate students presented from 10 Faculties and shared their research with over 200 attendees.

**Hugh C. Morris Experiential Learning Fellowship** is open to any graduate student studying in Canada working in a field related to earth, geoscience, environment, alternative energy, water, climate change, sustainability or to the social impact, social sciences or design sciences related to these areas. It is designed to
IDRC Research Awards 2022-2023 on Climate-Resilient Food Systems, Democratic and Inclusive Governance, Education and Science, Ethics in Development Research, Global Health, Policy and Evaluation, and Sustainable Inclusive Economies. **Award:** $42,033 to $48,659 (May 1, 2022, to April 30, 2023) **Deadline:** February 14. Details [here](#).

EDGE Program is a workshop at Roots of Unity Workshop (June 12-16, 2022) designed to support women, particularly women of color, who have completed 1-3 years of graduate school and are considering research in algebra, combinatorics, geometry, topology, or number theory. Details [here](#) **Deadline:** February 15

Canada-ASEAN Scholarships and Educational Exchanges for Development (SEED) Global Affairs Canada has opened the 2022/23 call for funding for short-term exchange opportunities for study or research at Canadian institutions. $10,200-12,700 available for undergraduate or graduate students from ASEAN member states (Brunei Darussalam, Cambodia, Indonesia, Laos, Malaysia, Myanmar, the Philippines, Singapore, Thailand, or Vietnam) for research or study lasting 4-6 months. Details and internal application [here](#). For application advice and support, contact [Heather Clitheroe](#). **Deadline:** February 20.

Emerging Leaders in the Americas (ELAP) Scholarships Global Affairs Canada has opened the 2022/23 call for Emerging Leaders in the Americas Program (ELAP) scholarships for undergraduate and graduate students to undertake short-term research or study at Canadian institutions. $8,200-11,100 available for 4-6 months for students from the Caribbean, Central America, Mexico, and South America (full list of eligible countries in guidelines). Details and internal application [here](#). For application advice and support, contact [Heather Clitheroe](#). **Deadline:** March 7.

2022-2023 Study in Canada Scholarships Global Affairs Canada has opened the 2022/23 call for Study in Canada Scholarships, which provide short-term opportunities for study or research at Canadian post-secondary institutions from eligible countries in Asia, Europe, Middle East and North Africa, and Sub-Saharan Africa. $10,200-12,700 available for research visits lasting 4-6 months. Details and internal application [here](#). For application advice and support, contact [Heather Clitheroe](#). **Deadline:** March 7.

Did You Know?
The Mitacs Accelerate program co-funds for graduate student internships with industry on research projects for four-month units that can be combined for a longer internship or a cluster grant with many interns, or post-doc fellowships. [Learn more here](#).

*Please send any seminar notices or events or CONGRATULATIONS notes to be included in the newsletter to sci.borg@ucalgary, subject line SRIN.*