Thesis Defense Seminars

**BISI** PhD Final Seminar: “A multidisciplinary study, unveiling lipophilic drug block of hERG” by Mary Kudaibergenova (Supervisor: Dr. Elmer Prennar) on **Monday, September 26 at 1:00pm** in BI211.

**CHEM** MSc Final Seminar: “Serendipitous Synthesis of Sulfur and Selenium-Containing Macrocycles and Their Application as GPx Mimetics” by Jacob McMillan (Supervisor: Dr. Thomas Back) on **Thursday, September 29 at 11:00am** Please contact the Chemistry Department for zoom details (chem.info@ucalgary.ca)

**GEOS** MSc Final Seminar: “CO₂ Sequestration through Mineral Carbonation” by Alex Bader (Supervisor: Chris Clarkson) on **Thursday, September 29 at 12:30pm** in ES 136.

**BISI** PhD Final Seminar: “Insights into communities, metabolic and ecological potential of the members of two extreme acidic environments” by Andriy Sheremet (Supervisor: Dr. Peter Dunfield) on **Tuesday, October 4 at 1:00pm** in BI211 and Zoom. Please contact the Biological Sciences Department for zoom details (biosci@ucalgary.ca)

Seminars & Events

**U Calgary International** presents “The Nordics and NATO: the new normal- rebalancing global security” a panel discussion with Ambassadors of Denmark, Finland, Iceland, Norway and Sweden, **Thursday, September 29 at 1:00pm** in MacEwan Hall.

**GEOS** Stockholm Water Prize lecture “Groundwater is the key to a sustainable Earth” Dr. John Cherry (School of Engineering, University of Guelph) **Thursday, September 29 at 4:00pm** in ICT 122 or on Zoom. Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca)

**Calgary Institute for the Humanities (CIH)** is pleased to welcome Dr. Shelley Alexander (Professor, Department of Geography) “Liminal Beings: Marginal Ethics?” The Inaugural CIH Applied Ethics Fellow’s Lecture **Thursday, September 29 at 7:00pm** at Fort Calgary National Historic Site.

**CHEM** ICI Distinguished lecture series returns October 3-5, 2022. Professor Christopher Chang (Department of Chemistry, UC Berkeley) will present three lectures. See attached pdf for more details.

- “Transition Metal Signaling and Metalloallostery: Bioinorganic Chemistry Beyond Active Sites” **Monday, October 3 at 4:00PM** in EEEL 161.
- “Bringing Inorganic Chemistry to Life: The Search for Elemental Harmony” **Tuesday, October 4 at 7:00PM** in ICT 121.
- “Activity-Based Sensing: Leveraging Selective Chemistry to Decipher New Biology” **Wednesday, October 5 at 11:00AM** in The Blue Room, Dining Centre.

**CPSC** “Virtual reality in the wild: from desks to seats” Dr. Daniel Zielasko (HCI Group, University of Trier) **Tuesday, October 4 at 11:00am** in ICT 516 and via Zoom. Please contact the Computer Science Department for zoom details (cpsc@ucalgary.ca)

**MCFL** Fall 2022 Lunch at the Lab, "Short-term wind speed forecasting with regime-switching and mixture models at multiple weather stations " by Tylar Jia (University of Calgary) **Tuesday, October 4 at 12:00pm** MS 569
**NANS** October Nanotalk “Entangled microwave radiation and its application in quantum reading” Professor Shabir Barzanjeh (Department of Physics and Astronomy, University of Calgary) **Tuesday, October 4 at 1:00pm** in SB144. See attached pdf for more details.

**U Calgary International** is hosting a German Research Information Lunch on **Thursday October 6 from 12-2pm.** This session will provide faculty, postdocs, and graduate students with information on the current opportunities and priority areas in Germany’s dynamic research landscape, tools to identify potential collaborators, and funding programs open to scholars in Canada. Presenters will address Canadian’s proposed association with Horizon Europe (currently in negotiation), as well as new developments at DAAD and DFG. Please email sci.ad.admin@ucalgary.ca for zoom info.

Later the same evening (5pm, MacEwan Ballroom) the CEO of WestJet, Dr. Alexis von Hoensbroech will speak about visions for the future of air travel in Canada and Europe. Please email sci.ad.admin@ucalgary.ca for zoom info

**Information for NSERC Discovery Grants & RTI Applicants**

**Faculty of Science – NSERC DG and RTI Timelines** The timelines are available here. Please contact our Research Facilitator Rhian Gunn if you have any questions or concerns.

**Reminder: Internal Faculty-level Review DG Deadline is Monday, October 3 at 4pm.**

1. Create Pre-Award record in RMS with application materials **by 4pm on Monday, October 3.** Make sure you select “Submitted for approvals” (under Save & Progress) and then “Save & set status.” (see RMS instructions here).

2. Department heads or delegates will approve, making the application available for our Science Research Facilitator to download and distribute for Faculty-level review. You will not need to submit in RMS again.

**Opportunities**

**Taylor Institute: 2023 Teaching & Learning Grants**

TL Grants are an excellent way to gain funding support for teaching ideas you want to implement and provide avenues for collaborating with peers and students on teaching projects.

**Internal peer review deadline: October 31**

Application deadline: January 15, 2023

**Teaching & Learning Grants – Prep Workshop**

Thinking of a TL Grant idea but would like an opportunity to ask questions or gain more information? Join the **TL Grant prep workshop for Science on October 3rd at 10:00.** This workshop will be facilitated by Heather Jamniczky, Academic Lead for Teaching and Learning Research at the TI, to support questions from Science applicants. For an Outlook invite to the workshop please contact Yvonne Murray.

Workshop: Monday, October 3rd at 10:00

Zoom: Please contact Yvonne Murray

**Mobilizing Alberta Climate Action Grants**

With support from Environment and Climate Change Canada’s Environmental Damages Fund, UCalgary’s Office of Sustainability is offering up to eight grants up to $50,000 to support projects that mobilize Albertans through climate awareness and action. Program guidelines can be found here.

**Deadline: November 4 at 5pm**
You are strongly encouraged to connect with the Office of Sustainability to discuss your project prior to submitting an application. Contact: Alana-Dawn Eirikson

**Mobilizing Alberta Climate Action Grants – Program Introduction Webinar**
Join us **October 5 from noon to 1pm** to learn about program goals, processes and the types of projects that will be supported. The webinar will cover eligibility requirements, evaluation criteria, reporting and any questions you may have. Please email sci.ad.admin@ucalgary.ca for zoom info.

**CIFST Food Cluster Program** aims to enhance the global competitiveness of the Canadian Agri-Food Sector by encouraging industry led national collaboration and intra-regional participation while building collaborations among key partners. The CIFST research priorities will be focused on the following three areas: Climate Change and Environment; Economic Growth and Development, and; Sector Resilience and Societal Changes.

**RSO Internal Deadline:** Wednesday, October 12, 2022 at noon
**RSO Contact:** Tempest Emery

**CSC** is looking to identify 3 Early Career Chemists to represent CSC and Canada at the **2nd Commonwealth Chemistry Congress** in Trinidad and Tobago from May 23-25, 2023. The deadline to apply (see attached form) is **October 15th, 2022** by 10 AM MT by sending the application to CICAdmin@cheminst.ca

**MITACS Globalink Research Award (GRA) Thematic Call** for applications is now open. The GRA application package is available online. **Deadline November 25, 2022 at 3PM MT.**

**2023 CNRS Postes Rouges** The Institute of Mathematics of the CNRS (INSMI) will be offering a limited number of research positions in France, for the 2023 calendar year. These positions are available to foreign visitors from the “IRLs”, “LIAs” or “IRNs” and provide monthly salary support. For more information visit PIMS online. **Deadline: October 7, 2022**

**Reminder: France-Canada Research Fund: New Scientific Collaboration Support Program** is open to every field of expertise, provides funding for new scientific projects jointly developed by French and Canadian teams that have never worked together before. This program is meant to initiate new partnerships in research between France and Canada. Applications must come from principal investigators, both from research establishments located in France and Canada. A maximum of 5 proposals can be put forward by the University of Calgary. A mandatory internal Notice of Intent is due to Anna LeMarquand with the PI’s name, faculty and department, and project title by Noon on September 27th, 2022: This submission to Research Services is required since the application is made by the institution, and an internal Letter of Intent (LOI) stage may be required if the number of applications seeking to go forward exceeds the institutional limit. RSO Contact: Anna LeMarquand

**Reminder: Request for Faculty of Science Conference or Event Sponsorship** request form is now open. If you are hosting an event or conference and would like to request support from the Faculty of Science, please fill out the online form at Request Conference-Event Support Deadline for the Fall term: **October 31, 2022**

**Reminder: PIMS Call for Proposals for 2023 Mathematical Sciences Activities**
PIMS is currently accepting proposals for events occurring after April 1, 2023. Proposals for funding, for any of the activities* listed are welcome: Conferences, Workshops and Summer Schools; Focus Periods; Distinguished Visitors; Innovation Activities (involving industry and other non-academy partners); Collaborative Research Groups; PIMS Research Networks; Activities with Small Budgets; Seminar Series. The submission deadline is **October 1, 2022.**
Opportunities – Awards
For any award, including those listed below, 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. Other opportunities can be found on the FOS awards site, and in the RSO awards database.

**CIFAR Azrieli Global Scholars Award**: This award provides $100,000 in unrestricted research support and a two-year term in a CIFAR program. Scholars must hold a PhD and be within the first five years of a full-time academic appointment, with both research and teaching responsibilities. Further details here. **Deadline: October 25, 2022.**

**Governor General’s Innovation Awards** will open on September 26th. To be competitive for these awards, nominated innovators must be 30 years or younger, truly exceptional, transformative, and positive in their impact on the quality of life in Canada. **Details here. Deadline: November 18, 2022.**

**Reminder: Stockholm Water Prize**: (Stockholm International Water Institute): The Prize recognizes people and organizations who have made outstanding contributions to the sustainable use and protection of the world’s water resources, in both science and practice. **Details here. Deadline: September 30, 2022.**

**Reminder: Blue Planet Prize** is presented to individuals or organizations from around the world in recognition of outstanding achievements in scientific research and its application that have helped provide solutions to global environmental problems. Details here. **Deadline: October 1, 2022.**

Opportunities – Health Sciences

**Alzheimer Society Research Program – New Investigator Grant** is a prestigious funding opportunity designed to help launch the careers of outstanding researchers who are entering their first phase of an academic appointment. Applicants must be within six (6) years of their first academic appointment. Proposals are invited in all areas of research that are relevant to Alzheimer’s disease and other dementias.

**Amount**: Up to $200,000 over 4 years

**RSO Internal Deadline for Full Application**: Tuesday, November 1, 2022 at noon

**RSO Contact**: Stephanie Patrick

Opportunities – Social Sciences

**Work Integration Social Enterprises (WISE) Program**
The objective of this program is to assess the extent to which social enterprises contribute to the social and labour market integration of Black and racialized Canadians. This open Call for Proposal (CFP) will fund organizations that will carry out a longitudinal study.

**RSO Internal Deadline**: October 7, 2022 at noon

**RSO Contact**: Tempest Emery

Opportunities – Postdocs and Graduate

**Evolve to innovate (e2i)** program is for postdocs or research associates and their PIs to translate successful research outcomes into practical solutions. Visit the e2i website or contact Jane Desrochers at Innovate Calgary

**Deadline: September 29, 2022**
**Eyes High Postdoctoral Match-Funding Program (Fall 2022)** This program will award partial salary ($25k for 2 years) support for postdocs who will be highly competitive for external awards and will help advance the University of Calgary’s strategic research and innovation plan. This funding is intended for individuals who will be new postdocs at the University of Calgary at the start of their appointment. Contact vprawards@ucalgary.ca. Deadline: November 4, 2022.

**DAAD - German Academic Exchange Service** will present a webinar on Funding Programs in Germany for Natural Science and Engineering Students on Thursday, September 29th starting at 10 AM MT. This webinar will have information on programs relevant to students at all stages of study (Bachelor, Master’s or PhD) and in all fields related to the natural sciences and engineering. If you can't attend in real time, register anyway to receive the presentation recording after the event. Register here.

**Canadian Natural Resources Ltd.** is now accepting applications for their 2023 summer internship program in geoscience. They are looking for talented and self-motivated individuals with a strong work ethic to join the team and contribute to their exciting and growing projects. Third, fourth year and graduate students are encouraged to apply online at [https://www.cnrl.com/careers/student-opportunities/](https://www.cnrl.com/careers/student-opportunities/)

**APEX Access Mentorship Program** connects students and early career researchers with experienced researchers from diverse backgrounds. They are currently recruiting mentors and mentees for the program. For more information visit the APEX website. See attached pdf.

**Reminder: CIHR Fellowship** CIHR’s Health Research Training Strategy aims to equip research trainees so that they emerge from their training as scientific, professional, or organizational leaders within and beyond the health research enterprise. Generating Research Leaders of tomorrow is a key objective for CIHR. Fellowships provide support for highly qualified applicants in all areas of health research at the post-PhD degree or post-health professional degree stages to add to their experience by engaging in health research either in Canada or abroad.

- **Award:** $40,000 per annum plus $5,000 research allowance
- **RSO Final Internal Deadline (Full Application):** Thursday, September 29, 2022 at noon

RSO Contact: rsotrainee@ucalgary.ca

**Reminder: Canadian Association of Physicists (CAP)** is now accepting applications for the following student scholarships. Any questions regarding the application process should be sent to programs@cap.ca

- **Allan Carswell Physics Educator Scholarship** Two awards valued at up to $5,000.
  - **Deadline:** October 1, 2022
- **Boris P. Stoicheff Memorial Graduate Scholarship** One Award valued at up to $3,000
  - **Deadline:** October 1, 2022

**Reminder: NSERC Postdoctoral Fellowships**

The Natural Sciences and Engineering Council of Canada (NSERC) postdoctoral fellowship program provides support to a core of the most promising researchers at a pivotal time in their careers. The fellowships are also intended to secure a supply of highly qualified Canadians with leading-edge scientific and research skills for Canadian industry, government, and academic institutions.

- **Award:** $45,000 per year for two years
- **RSO Final Internal Deadline (Full Application):** Wednesday, October 12 at noon

RSO contact: postdoc@ucalgary.ca

**Reminder: CSA Supplementary Funding**
The Canadian Space Agency (CSA) will offer grant supplements to postdoctoral researchers who have been awarded an NSERC postdoctoral fellowship, and who are involved in a promising research project that aligns with the priorities outlined in the Space Strategy for Canada.

**Supplementary Funds:** $10,000 per year for two years

- **RSO Final Internal Deadline (Full Application):** Wednesday, October 12, 2022 at 12 PM MT

**Contact:** rsotraine@ucalgary.ca

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Science Research and Innovation Newsletter (SRIN) comes out every Monday afternoon. If you have a seminar notice, congratulations or awards for the newsletter please submit it by **noon on Friday** to sci.borg@ucalgary.ca to ensure it is added.