Thesis Defense Seminars

CPSC MSc Final Seminar: “Anti-Freeze: High-Quality Adaptive Live Streaming with Real-time Transcoder” by Asif Mehmuda (Supervisor: Dr. Mea Wang) on Monday, November 7 at 10:00am on Zoom. Please contact the Computer Science Department for zoom details (cpsc@ucalgary.ca)

Seminars & Events

GEOS GOLD (Geoscience Open Lunch Discussion) seminar “Canada’s earthquake early warning system (EEWS): Conducting research focussing on the development of the concepts of earthquake magnitude and earthquake intensity and how Canadians understand them” Glenn Dolphin (School of Earth and Sustainability, Northern Arizona University) Wednesday, October 12, 2022 at 12:00pm on Zoom. Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca)

GEOS 2022 Birdsell-Dreiss Distinguished Lecturer sponsored by the Hydrogeology Division of the Geological Society of America (GSA) “The stories told by springs” Dr. Abe Springer (School of Earth and Sustainability, Northern Arizona University) Wednesday, October 19, 2022 at 4:00pm in ES 162 or on Zoom. Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca).

CHEM The 2022 Michael Benn Distinguished lecture “Chemo-Enzymatic Synthesis of Complex Glycans to Examine Receptor Specificities of Pathogens of Zoonotic Concern” will be presented by Professor Geert-Jan Boons (Chemical Biology and Drug Discovery, Utrecht Institute for Pharmaceutical Sciences and Bijvoet Center for Biomolecular Research, Utrecht University and Complex Carbohydrate Research Center, University of Georgia) on Friday, October 21 at 3:00PM in ICT 121. See attached pdf.

MTST Fall 2022 Lunch at the Mathematical and Computational Finance Laboratory (MCFL) “(No-)Betting Pareto-Optima under Rank-Dependent Utility” Tim J. Boonen (Faculty of Economics and Business, University of Amsterdam) Tuesday, October 25, 2022 at 12:00pm in MS569.

Information for NSERC Discovery Grants & RTI Applicants

Reminder: NSERC RTI Detailed Administrative Review Deadline – October 11 @ 4PM
Detailed administrative review with feedback from RSO (optional but recommended). Submit complete and final application in the Research Portal by 4:00 p.m. on Tuesday, October 12. Submit the Pre-Award record in RMS and “Submit for academic approvals” (under Save & Progress) to allow for approvals of Department Head and ADR prior to the RSO deadline.

Reminder: NSERC DG Detailed Administrative Review Deadline – October 18 @ 4PM
Detailed administrative review with feedback from RSO (optional but recommended and required for Bridge Funding). Submit a complete and final application in the Research Portal by 4:00 p.m. on Tuesday, October 18th. If you have not already submitted a record in RMS, you must do so now – Submit the Pre-Award record in RMS and “Submit for approvals” (under Save & Progress) to allow for approvals of Department Head and ADR prior to the RSO deadline. Please flag for the Research Facilitator (rgunn@ucalgary.ca) that you are undergoing detailed administrative review with RSO so approvals at the faculty level will be made in advance of the deadline.

Opportunities

Genome Canada: Genomic Applications Partnership Program (GAPP) January 2023 (Round 25)
Genome Canada, in partnership with Genome Alberta (GAB), is seeking proposals for the Genomic Application Partnership Program (GAPP). The GAPP funds downstream research and development projects driven by challenges and opportunities identified by end-users such as industry, government, not-for-profits, or other receptor organizations. This is an ongoing competition and Expressions of Interest for Round 25 of the competition must be submitted to Genome Alberta by October 19th, 2022, for submission to Genome Canada in October. Interested parties are asked to contact Genome Alberta in advance of providing the EOI for submission, cc'ing ipd@ucalgary.ca to engage University of Calgary Research Services support.

ERA: Clean Energy Transition Partnership is now open for applications. This is a transnational initiative. Project proposals require a project consortium consisting of at least three eligible applicants from at least three separate countries/regions participating. Pre-proposals are due November 23 by 6AM. Visit the website for details.

NSERC CREATE program supports the training and mentoring of teams of highly qualified students and postdoctoral fellows from Canada and abroad through the development of innovative training programs. Faculty members who would like to participate in the 2023 competition must submit an internal Notice of Intent to Rhian Gunn (Research Facilitator) by January 10, 2023 for review before submission to RSO.

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.

Courage to Act is developing resources to ensure post-secondary students are safe from sexual harassment in their experiential learning placements. Students, recent graduates, staff, and faculty across Canada, they want to hear from you! You’re invited to contribute to their national survey: https://www.couragetoact.ca/elp before the closing date of December 2, 2022.

Reminder: ACS Petroleum Research Fund grants are intended as seed money to enable an investigator to initiate a new research direction. The investigator should not have published or received financial support from another funding agency for the proposed research. Proposals will be accepted until 3pm on October 14. Please note that approvals from RMS must be obtained by noon, three business days before intended submission. Interested individuals are encouraged to contact a PRF program officer or prfinfo@acs.org for more information regarding areas of supported research. For questions specific to geology, geochemistry, or geophysics, please contact Dr. Dean Dunn at d_dunn@acs.org. More information available here.

Reminder: 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

Reminder: UofC Teaching and Learning 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. Information session in late September, contact Yvonne Murray to register. Details here. Deadline October 31, 2022.

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 is: October 31, 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.

UCalgary’s Internationalization Achievement Awards aim to recognize and celebrate the outstanding contributions of students, faculty, staff and community members in progressing our institutional commitment to excellence and leadership in internationalization. Details here. Deadline: October 31, 2022.

Governor General’s Innovation Awards 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: Rolex Awards for Enterprise: The Awards encourages a spirit of enterprise in individuals around the world by supporting outstanding endeavors in areas that advance human knowledge and well-being with applications that fall into the following areas: the environment; science and health, applied technology, cultural heritage, and exploration. Details here. Deadline: October 17, 2022.

Opportunities – Health Sciences
Alberta Spine Foundation 75k Grant Competition
The Alberta Spine Foundation is pleased to offer an additional funding opportunity to Alberta-based researchers interested in investigating a topic related to disorders of the spine. Up to $75,000 may be awarded to conduct research in the designated field. This money may be used over a period of 3 years for equipment, supplies, research personnel or consulting services. Travel expenses are not eligible for funding with this grant.
RSO Internal Deadline: October 26, 2022 at noon
RSO contact Stephanie Patrick.

Opportunities – Postdocs and Graduate
Alzheimer Society Research Program Postdoctoral Fellowships
The ASRP provides grants and awards to support Canadian studies that promise new insights into causes, prevention, diagnosis, treatment and management of Alzheimer’s disease and other dementias.
- Award: $75,000 per year for two (2) years, plus $5,000 per year research allowance
- RSO Final Internal Deadline (Full Application): Tuesday, November 1st, 2022, at 12:00 PM MT
Contact: postdoc@ucalgary.ca

Eyes High Postdoctoral Match-Funding Program (Fall 2022) This program will award partial salary ($25k for 2years) 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.
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/.

Ivan Finlay Leadership Award recognizes students who have effected positive change while in volunteer leadership role(s) in either campus organizations or community organizations. There are up to six awards available for the 2022 award period, each with a prize of $1,000. Details here. Deadline: November 20, 2022.

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: 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: rsotrainee@ucalgary.ca

Reminder: 2022 Ivarson Agricultural Scholarships Call for Applications. Candidates must be registered full-time in a masters or doctorate program in the area of agriculture or related discipline. Guidelines and forms are available at CFFAE.ca Deadline: October 14, 2022.

Reminder: Canadian Society of Geophysics Foundation (CSEGF): awards annual scholarships to deserving geophysics students from universities across Canada. Scholarships are awarded based on academic performance, financial need, interest in geophysics, extra-curricular activities, leadership roles and references. Apply online Scholarship Online Application Deadline: November 1, 2022. See attached pdf

Did You Know?
ASRL's Dr. Ruohong Sui's artwork graces the April 12, 2022 cover of ACS's Analytical Chemistry?
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.