Thesis Defense Seminars

**CPSC** MSc Final Seminar: “The Category of Kirchhoff Relations” by Amolak Kalra (Supervisor: Dr. Robin Cockett) on **Monday, July 4 at 2:00pm.** Please contact the Computer Science Department for zoom details (cpsc@ucalgary.ca)

**BISI** MSc Final Seminar: “You Should Look a Gifted Mammal in the Mouth: Using Dental Morphology to Understand the Evolution of Mammalian Dentition” by Austin Ashbaugh (Supervisor: Dr. Jessica Madeleine Theodor) on **Friday, July 15 at 10:00am.** Please contact the Biological Sciences Department for zoom details (biosci@ucalgary.ca)

**BISI** MSc Final Seminar: “Mutations of succinyl-CoA synthetase to study the swinging of the phosphohistidine loop” by Rishika Puri (Supervisor: Dr. Marie Fraser) on **Tuesday, July 19 at 9:00am** in BI 211

Information for NSERC Discovery Grants & RTI Applicants

**Faculty of Science – NSERC DG and RTI Timelines**
The timelines are available on our website, [here](#). Please contact our Research Facilitator Rhian Gunn if you have any questions or concerns.

**NSERC Discovery Grants Information Webinar - Submission of a Notification of Intent to Apply**
July 5 at 11:00am to 12:00pm MST. Links available for July 5, 2022 Q & A please email Rhian Gunn for link and view the [pre-recorded videos](#) (2022 videos coming soon) and [How to prepare a Discovery Grant Notification of Intent to Apply (NOI)](#)

**CSM Grant Development Webinar: Subject Matter Eligibility for NSERC DGs**
This workshop is tailored toward researchers in the health sciences who also have a basic science research program and want to navigate subject matter eligibility for DG applications. All are welcome, but this session is designed for individuals who also have a health research program. **Wed, July 6 11:00 AM - 12:00 PM** [Register here](#)

**NSERC DG – Internal (RSO) Info session for Early Career Researchers (ECR)**
July 7th 2:30 – 3:45 PM
Panelists from Engineering, Science and Medicine will discuss DG applications from the ECR perspective, with a focus on tips and tricks for success & strategies for specific application sections. **Everyone (not only ECRs) is welcome!** [Register HERE](#).

**NSERC Research Tools & Instruments (RTI) – Internal (RSO) Information Session Registration**
Friday, July 8 from 2:00 – 3:00 PM via Zoom
RSO will present updates to the RTI competition and the internal processes before submission. We will also be joined by a successful RTI grantee and an experienced RTI selection committee member who will provide tips and respond to questions. **Please register here**, RSO contact Alisha Kadam.

Opportunities

**Campus Alberta Small Business (CASBE) program Stream II**
Alberta Innovates has launched the 2022-23 CASBE program with two new matching opportunities: 1. NSERC Alliance Quantum Grants, and 2. Approved NSERC Applied Research and Technology Partnership grants (ARTPs) that align with the Alberta Innovates CASBE requirements. Although this is a [continuous intake](#) program, potential applicants should submit their applications as soon as possible. RSO Contact: Caitlin Janzen
Government of Canada Dept of National Defence: Robot Round-up: Advanced Robotics Platforms and Control Solutions calls for Canadian innovators to demonstrate to DND/CAF how advancements in robotic platforms and methods of control can be leveraged to help CAF members accomplish high risk tasks. DND/CAF are hosting this Contest to observe advancements from the current state of the art in robotics (e.g. advancements in mobility, manipulation, sensing, localization of threats, advanced modeling, information synthesis, or by using Artificial Intelligence (AI), Machine Learning (ML), supervised autonomy, etc.). 
RSO Contact: Lisa Singh/Michael D. Blough

Call for proposals: 2024 Banff International Research Station for Mathematical Innovation and Discovery (BIRS) BIRS is accepting proposals for its 2024 program. The proposal submission deadline for 5-day workshops is Wednesday, September 14, 2022. These programs engage with diverse mathematical communities, particularly those that are geographically close to the locations of the proposed program and pay special attention to training and mentorship of junior researchers. Applicants are reminded of BIRS’s commitment to increasing the participation of women and other equity-deserving groups in mathematical sciences. More info here and submission guidelines are here. Proposals for projects other than 5-day workshops can be submitted at any time up to 6 months prior – see details here.

Reminder: Seeking Arctic Researchers - Opportunity to meet with Premier of the Yukon Government If you are an Arctic researcher and would like an opportunity to meet with the Premier of the Yukon Government the week of July 25, please contact Rhian Gunn to indicate your interest.

Reminder: Accelerating CCS Technologies (ACT): Emissions Reduction Alberta (ERA) Through this call ACT4 Call, ERA is seeking innovative CCUS technologies with strong potential for commercialization in Alberta that enable the emergence of CCUS in the energy and industrial sectors (i.e. reduced operational costs and lowered emissions to new technology, safe storage, and the optimization of existing infrastructure). Funding is available for projects at the technology scale-up, field pilot, commercial demonstration, or commercial implementation stages. RSO’s final deadline for the Application via RMS is noon on Tuesday, September 6
Contact: Lisa Singh

Reminder: Supercluster Support Programs: National Research Council Canada (NRC) Projects can involve a range of research and technical services, foundational R&D, knowledge mobilization, and pre-commercialization activities. These funded collaborative R&D programs help bring together the NRC’s national network of researchers and facilities with collaborators from industry, academia, and governments to work on game-changing scientific discoveries and technological breakthroughs. RSO Contact: Lisa Singh, Michael D. Blough

Reminder: Challenge programs: National Research Council Canada (NRC) Through the Challenge programs, the NRC is partnering with private and public sector, academic and other research organizations in Canada and internationally to advance transformative, high-risk, high-reward research that address Canadian priorities. Grant and contribution funding is provided through the NRC’s National Program Office for collaborators who offer complementary expertise, including academic institutions and small and medium-sized enterprises. RSO Contact: Lisa Singh, Michael D. Blough

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. More information as well as other opportunities can be found on the awards website.
Sloan Research Fellowships: These Fellowships (open July 15) seek to stimulate fundamental research by early-career scientists and scholars of outstanding promise. Details here. Deadline: September 15, 2022.

Royal Society of London Fellowships: Candidates must have made 'a substantial contribution' to the improvement of natural knowledge, including mathematics, engineering science and medical science. Details here. Deadline: September 30, 2022.

Traditional Fulbright Scholar Awards: These awards are open to Canadian scholars in all fields and are designed to enable emerging and established scholars, post-doctoral researchers, and experienced professionals to conduct research, teach, or undertake a combination of both activities for one semester or a full academic year at any university or research center of their choice in the United States. Details here. Deadline: November 15, 2022.

Opportunities – Postdocs and Graduate

2023 Tri-Council Doctoral Scholarship Competition- Notice of Intent (NOI) The Canada Graduate Scholarships - Doctoral (CGS D) program is a federal program of scholarships that supports high-calibre doctoral students in all academic disciplines. All eligible graduate students are encouraged to submit a Notice of Intent (NOI) for the Fall CGSD competitions. FGS provides application support as outlined below, and more importantly, CGS applicants are eligible for recently enhanced Alberta GES research funding.
Citizenship: Canadian or Permanent Resident Value: $35,000 CGS-D per year for three years Notice of Intent (NOI) form must be submitted by July 5, 2022. Please see the Notice of Intent form and more information here.

SSHRC Postdoctoral Fellowships support the most promising Canadian new scholars in the social sciences and humanities via $45,000 per year for 1 or 2 years RSO Final Internal Deadline (Full Application): Friday, September 9 at 12:00 PM MDT Contact: rsotrainee@ucalgary.ca

Reminder: Materials, Energy & Environmental Technology Innovation Fair: August 26, 2022 The MEET the Innovators! Innovation Fair is seeking science and engineering graduate students and postdocs who would like to showcase their technology to an audience including representatives from industry, funding agencies, investors, innovation accelerators and other entrepreneurs and researchers. Registration deadline is July 8, 2022. See attached flyer for further details, and register here.

Request for Input: Proposed Haskayne Master of Finance-Survey for Grad students The Haskayne School of Business is in the proposal stage for a new Master of Finance program as an additional path for students with a quantitative degree or background in three streams: Investment Management, Advisory & Corporate Development and Financial Technology. They would value your input on whether this type of program is appealing to you. The 6 to 7 minutes survey will close on July 15, 2022 and is here.

Reminder: UEX Scholarship for Advanced Studies in Geology established by UEX Corporation in honour of Colin Campbell Macdonald. The scholarship that will be awarded annually to a student with Canadian residency pursuing a post-graduate degree where the student research and future professional career goals are in mineral exploration. Deadline August 31, 2022, at noon (12:00 p.m. MDT). Contact: uex@uexcorp.com

Opportunities – Health Sciences

Cystic Fibrosis Foundation Path to a Cure (PTAC) – Collaborative Research Grant Projects supported through the Path to a Cure: Collaborative Research Grant should be ambitious in scope and
utilize cutting-edge technologies and strategies that have the potential to inform or translate into novel therapies to restore CFTR protein function by fixing and/or replacing the defective CFTR gene.

**Full application deadline to Research Services via RMS: Monday, July 11 at noon** RSO Contact: [Caitlin Janzen](mailto:caitlin.janzen@ucalgary.ca)

**Biological Basis for Cystic Fibrosis Related Diabetes (CFRD)** New! The CF Foundation is now accepting applications for the Biological Basis for Cystic Fibrosis Related Diabetes (CFRD) RFA. For programmatic questions, contact Katherine Tuggle ([ktuggle@cff.org](mailto:ktuggle@cff.org))

**Deadline to Research Services via RMS: Thursday, July 28 at noon** RSO Contact: [Caitlin Janzen](mailto:caitlin.janzen@ucalgary.ca)

**Opportunities – Social Sciences**

**Reminder: 2022 Social Sciences and Humanities Insight Grant Competition**

Insight Grants support research excellence in the social sciences and humanities. Funding is available to both emerging and established scholars for research initiatives of two to five years. **Please note that the SSHRC deadline falls on a Saturday and therefore the application system will remain open until 6PM MT the next business day (Monday, October 3rd)** RSO Internal Deadline: **Wednesday, September 28 at noon** RSO contact [Stephanie Patrick](mailto:stephanie.patrick@ucalgary.ca)

**Congratulations**

Three Team Science members were awarded **2022 University of Calgary Teaching Awards**! (details [here](http://example.com)), including:

- **Lauren DeDieu** (MTST) won 2022 University of Calgary Teaching Award for Full-Time Academic Staff (Instructor)
- **Alexandra Guebert** (PHAS) is a PhD student and received the 2022 University of Calgary Teaching Award for Graduate Assistant (Teaching)
- **Kathryn Blair** (CMD) is a PhD student and received the 2022 University of Calgary Teaching Award for Graduate Assistant (Teaching)

For almost 60 years, Alberta Sulphur Research Limited - in partnership with the Faculty of Science, and the Department of Chemistry - has been at the forefront of scientific research and development on sulfur chemistry. Those of you who have followed the development and evolution of the ASRL through the years will be aware that there has been a long-standing goal of creating a permanent endowed academic chair linked with ASRL. Congratulations to **Rob Marriott** (CHEM) on being named the inaugural Chair holder for the newly established **Alberta Sulphur Research Ltd. Research Chair in Applied Sulphur Chemistry** in the Faculty of Science at the University of Calgary.

Congratulations to **Mindi Summers** (BISI) on receiving a University of Calgary 2022 Internationalization Achievement Academic Staff Award. Congratulations also to **Zheng Yu** (MTST) a second-year PhD student who received a 2022 Internationalization Achievement Student Award. These awards highlight outstanding contributions that have moved UCalgary forward in its institutional commitments to excellence and leadership in internationalization. For more information or to watch the awards ceremony please click [here](http://example.com).

**F2022 Special Topics Courses for Science Grad students**

Please see our new (or relatively new) F23 graduate courses for your consideration. Please contact [sci.grad@ucalgary.ca](mailto:sci.grad@ucalgary.ca) for information.
**GEOG 508 Watershed System Science**  An introduction to advanced concepts in hydrology and watershed analysis, including the impacts of a changing climate and human influence. Involves hands-on computer modelling and experimental labs, and a design project. This course provides students with a new technical elective designed with the intent to be a multi-disciplinary course that bridges the gap between undergraduate education and careers in water resources.  **Tuesday and Thursday, 9:30-10:45am not including Lab times; Instructor: Tricia Stadnyk**

**SCIE 601 Theory and Practice of University Teaching and Learning in STEM**  Emphasizing a research-to-practice approach, this course will engage students in readings and discussions about current research, theory and methodological approaches, and pedagogical approaches in Discipline-Based [STEM] Education (DBER) research. Course readings will be varied and include scholarly, practical, and popular readings in order for students to gain nuanced understandings of the social contexts and related issues and challenges of college and university STEM education. Course materials will also emphasize critical, antiracist and decolonizing frameworks to transforming postsecondary STEM education for the belonging of diverse students and cultural-scientific worldviews. While there will be seminal readings, aspects of the course will be co-designed with students’ interests and professional needs in mind. Activities will be geared towards designing environments for equitable postsecondary STEM education, broadening ideas about assessments and evidence of student learning, SoTL research and other topics that emerge from students’ interests and experiences.  **Tuesday, 12:30-3:20pm; Instructor: Jennifer Adams**

*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.*