Associate Dean, Innovation & Strategic Partnerships

Computational Innovations Over the last two years, the UoC saw a substantial expansion of faculty with interest in computational technologies, both from an applied as well as fundamental perspective. Our programs in computer science, data science, math&stats, and software engineering are thriving, attracting high-quality students. Beyond these core tech-oriented programs, computational technologies and applications have become part of our curriculum and research in all faculties on campus. We see research related to computational technologies all across campus and students on all levels are taking courses and conducting research related to the area.

Computational techniques are fundamental to drive research and innovation in many areas on our campus, resulting in interdisciplinary research opportunities for our campus. The “Growth through Focus” strategy acknowledges this prominence of computational/digital technologies by identifying “Digital worlds” as one of the initial areas of focus.

Understanding what others are doing and how we could work together on areas of joint interest has been a challenge before and the new work environment resulting from the pandemic hasn’t helped.

To connect or reconnect with your colleagues from across campus, we would like to invite you to a virtual get together on December 14, 10:00-13:00. This informal mixer will consist of 2-minute madness presentation followed by breakout sessions.

The 2-minute madness component allows each attendee to talk about their research interest and expertise. The breakout rooms will allow people to discuss areas of joint interest. We expect that these conversations will lead to research collaborations, hopefully resulting in joint grants in the future.

The event is open to all faculty at the UoC.

If you are interested to attend, please RSVP by Nov 5 to Chadwick Dawes cdawes@ucalgary.ca (Assistant to Dr. Frank Maurer). This will allow us to plan the event in more detail. Zoom details will follow after the RSVP is received.

All attendees should send 1-2 slides about their work to Chadwick by Dec 7, 8am. We will integrate these slides into a joint slide deck to enable a smooth sequence of presentations during the 2-min-madness session.

Best wishes,

Diwakar Krishnamurthy (Digital Co-Lead, Schulich School of Engineering)
Frank Maurer (Associate Dean Innovation & Strategic Partnerships, Faculty of Science)
Roman Shor (Digital Co-Lead, Schulich School of Engineering)
Seminars

**GEOS** G.O.L.D. talk- “Geoacoustic inversion for a 14-km autonomous underwater vehicle survey on the Malta Plateau” by Tim Sonnemann (PDF, UofC) on **Wednesday, November 3, 2021, from 12pm-1pm**. Please contact the Geoscience Department for zoom details (geoscience@ucalgary.ca).

**MTST** CalgaryR is a community of data enthusiasts and endeavors working with R. Their November speaker, Dr. Stephana Julia Moss, PhD Epidemiologist, with the Calgary Critical Care Research Network with will be presenting “Meta-analyses in Medical Research: A Critical Appraisal and Brief Tutorial” on **Wednesday, November 3, 2021, at 5:30pm**. Dr. Moss will present a critical appraisal of the methodological approach of a published systematic review and meta-analysis that culminates with a brief tutorial that compares the statistical approach to meta-analysis in STATA and R. RSVP at [https://www.meetup.com/calgaryr/events/281143383/](https://www.meetup.com/calgaryr/events/281143383/)

**MTST** Colloquium Series 2020-2021 presents “A motivated introduction to a categorical local Landlands correspondence” by Dr. Clifton Cunningham (Department of Mathematics and Statistics, UofC) on **Thursday, November 4, 2021, at 2pm**. Please contact the Mathematics and Statistics Department for zoom details (mathadmin@ucalgary.ca).

**MTST** The Mathematical and Computational Finance Laboratory (MCFL) present “Machine Learning for Stock Selection: Framework and Results” by Qi Guo (MTST) on **Tuesday, November 9, 2021** from 12:00pm to 1:00pm. Please contact the Mathematics and Statistics Department for zoom details (mathadmin@ucalgary.ca).

**GEOS** The 2021 Darcy Lecture series in Groundwater Science hosted by University of Calgary, University of Alberta, University of Regina and Simon Fraser University presents “How Are Geochemical Reactions in Aquifers Connected to Climate Change Mitigation?” Dr. Chen Zhu (Indiana University) on **Friday, November 12, 2021 at noon**. For further details on this lecture or to Pre-Register please click [here](https://www.meetup.com/calgaryr/events/281143383/).

**MTST** CalgaryR is a community of data enthusiasts and endeavors working with R. Dr. Fonti Kar, Postdoctoral Research Fellow at the University of New South Wales, Sydney, Australia will be presenting an interactive workshop that will equip you with the basic skills to create an R package of your own. This talk is scheduled on **Tuesday, November 16, at 5 pm virtually**. Please RSVP at [https://www.meetup.com/calgaryr/events/281664088/](https://www.meetup.com/calgaryr/events/281664088/)

Opportunities

**REMINDER – NSERC Alliance-Alberta Innovates Advance Program**
There is a short window of opportunity with the NSERC Alliance /AI Advance Program to apply within the current cohort. However, it is imperative that interested researchers **contact AI this week** and discuss their projects with Adam Brown for approval and further consideration. Once approved for submission, Puneet Mannan will work with you to complete the TTO assessments that need to be submitted along with the full proposals. Kindly note that previously submitted project concepts (Intake) that were not invited for full proposal submissions will not be considered. See priority areas [here](https://www.meetup.com/calgaryr/events/281664088/).

Eligibility: (1) Must have a current peer reviewed NSERC grant, (2) Should not have an ongoing NSERC Alliance / AI Advance grant at the time of application

**VPR Catalyst Grants**
The Office of the Vice-President (Research) internal stimulus grant program, VPR Catalyst Grants ask researchers to think boldly and strategically to maximize the impact of downstream funding. The next intake deadline is **November 15, 2021**.
VPR Catalyst Grants will prioritize those who present a winning research context, including aspects such as mentorship, strong collaborators, and knowledge engagement partnerships.
• Designed to catalyze research initiatives that will lead to substantial external funding
• Intended to support early-stage research activities
• Value: $1,000 - $15,000
• Duration: Catalyst funds should be used within 6 months
• Deadlines: 4 intake dates per year

For more information and to apply, please visit the program website.
Contact: vpr.catalyst@ucalgary.ca

VPR Catalyst Grants Q&A Session
Applicants are welcome to join VPR/RSO for a question-and-answer session to ask any last-minute questions about the program or submission requirements:
Date and time: November 10, 3-4pm
Please contact vpr.catalyst@ucalgary.ca for Zoom details

The New Scientific Collaboration Support Program, financed by the France-Canada Research Fund (FCRF), aims to support developing new expert partnerships between France and Canada, promote the advancement of research and innovation, prepare and structure scientific cooperation between the two countries, promote researcher mobility, particularly for young researchers, and provide research training for young researchers.
This program provides financing for new scientific projects jointly developed by French and Canadian teams that have never worked together before. The funding is awarded to two-year projects in amounts ranging from $8,000 to $15,000 according to the needs expressed by the principal investigators.
RSO deadline: November 9 at 12pm
For more information, please visit the funding calendar entry, or contact Heather Clitheroe.

REMINDER: Women in Science and Engineering (WISE) Planet - Call for Nominations:
Faculty are encouraged to apply for a Women in Science and Engineering (WISE) Planet one year fellowship. A major part of the program is the Leadership Equity Action Plan (LEAP) Project. Applicants should consider their proposed LEAP Project in advance of the applying - and clearly show how this project will position them as a leader in their organization and will advance equity, diversity, inclusion or innovation (sustainability) in their organization or society at large. Applications are open until Nov 29th, 2021 and contact Cathy Ryan can provide more info.

2022 Equity, Diversity and Inclusion Awards - Call for Nominations:
The Office of Equity, Diversity and inclusion (OEDI) has announced the institutional call for nominations to recognize the change-making efforts by UCalgary students, faculty, staff, and teams. These awards recognize and celebrate UCalgary change-makers who are engaged in transformative efforts to make our university community more equitable, diverse, inclusive and accessible in all areas of our teaching and learning, research and scholarship, community engagement, and living and working environments.
The call for nominations for the 2022 Equity, Diversity, and Inclusion Awards is officially open until Tuesday, November 30 at 11:59 p.m. MT. Nominations should be submitted by email to: equity.events@ucalgary.ca. If you would like assistance with a nomination, please contact Danielle Demiantschuk.

Opportunities – Health

Future Leaders in Canadian Brain Research Program
Future Leaders in Canadian Brain Research Program is a funding opportunity open to all new investigators within five years of their first independent academic appointment. Under this program, the Brain Canada Foundation will award 20 grants of $100,000 each to projects exploring new avenues of research that could transform our understanding of the workings of the brain.
For more info see the [Request for Applications](#).

**Application timeline:**

- **November 10, 2021 (noon):** Internal RSO deadline for LOI.
- **January 28, 2022:** Deadline for detailed review at RSO (optional)
- **February 11, 2022:** Internal RSO deadline- Full proposal

Contact: Caitlin Janzen

**Innovate Calgary: The Life Sciences Fellowship**

The Life Sciences Fellowship is a great opportunity to build your dream life sciences company. You bring an emerging team and a technology-driven solution. We provide technology development space, professional development support and funding to help you:

- Launch and grow a startup to commercialize your product or service.
- Gain real-world experience to accelerate your potential.
- Secure intellectual property, bring in further funding and grow your team to gain traction for your product or service.

Register: [November 9 Information Session](#)

Submit your Expression of Interest (due by **November 15**)  

**Opportunities – Social Sciences**

**RSO SSHRC Insight Development Grant Information Session**

Join us at RSO, along with Dr. Penny Pexman, Associate Vice-President (Research), on **November 9, 2021 from 11:00am to 12:00pm** as we discuss applications to the [SSHRC Insight Development Grant Program](#) (Feb 2022). Our presentation will include speakers Dr. Kevin Anderson (History) and Professor Christine Brubaker (Performing Arts), who were each awarded IDGs this past year. The session will provide a general overview of the program including submission processes and deadlines (RMS), tips and best practice advice from the presenters and a brief Q&A period.

Everyone is welcome. To join this session, please email [RSO](mailto:) by **November 8th** to register. You will receive the Zoom link and password on the 8th.

**Congratulations**

Congratulations to Chemistry PhD student Joshua Koening (Supervisor: Greg Welch) on his student-led international project that developed a new chemical pathway to turn carbon dioxide into useful products. For more information check that article in [UToday](#).

**Did You Know?**

**Accessing and Maintaining Supervisor Profiles:** Graduate supervisors with profiles on the FGS Future Students website can access and maintain their profiles. The login portal and a user’s guide are [available here](#). If a supervisor is having difficulty editing their profile, or if a new supervisor wishes to have a profile created, please contact Dan Ferguson at [webgrad@ucalgary.ca](mailto:webgrad@ucalgary.ca).

The [Biosafety Permit Renewal](#) begins on November 4th and runs till November 25th. Any feedback please send to Dr Ryan (cryan@ucalgary.ca).
Absences

Rhian Gunn will be away November 8-12, 2021.

Dr. Ryan is on Vacation on Fridays till the Winter Break