

# Monthly Report to the Provost – Faculty of Science – **March 2025**

## **Engaging Learners**

Agriculture: Our work-study student has started her position supporting program technicians in plant and animal care. Work studies in the Agriculture department are unique way for students who don't have experience in production agriculture to gain more hands-on experience.

### **Marina Tourlakis**

Hosted Martin Krzywinski from the Michael Smith Genome Sciences Centre for two talks, one in my BIO 406 Advanced Genetics course titled "Genomes & Differences / Data & Visualizations" and another to a combined class of SOCA's GD222- Design Inquiry: Ethos and GD469 Design Inquiry: practice titled "Art is Science in Love".

## **Transforming Lives**

### **Mitra Tabatabaee**

CIHR College of Reviewers - Reviewer in Training (RiT) program granted for the Spring 2025 Project Grant competition.

Cell Biology – Molecular/Fundamental (CB1) committee meeting as a Mentee. Mentees participate in the Project Grant competition with the support of a Mentor. You will conduct practice reviews on up to three applications, attend the peer review meeting, present one review, and participate in the committee discussions.

Work Study Students Grants – Science (Robin Endelman) successfully applied for 3 work study grants, 2 for Science Rocks! And one for science outreach)

Alida Janmaat was accepted as a participant in the Biologists and Graph Interpretation (BioGraphI) faculty mentoring network. BioGraphI is a Research Coordination Network of faculty who work collaboratively to increase student persistence in biology through expanding the representation of scientists in the curriculum and incorporating data interpretation skills.

## **Building Community**

The 9<sup>th</sup> Annual Math Match in February this year was very successful. We had 10 eager participants! Students join teams and compete solving math problems. Hosted by Anna Kuczynska in the Math and Stats Centre.



Pics from the 9th  
MM 2024.pdf

Science Rocks! Will be part of the 50th Family Festival (organized by the Centre for the Philosophy of Children and taking place this year as part of alumni weekend).

Alida Janmaat applied for a New Westminster Community Grant, on behalf of the New Westminster Environmental Partners, to fund ongoing ecological restoration work in Glenbrook

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Ravine. The grant application was approved, and work will begin in April in collaboration with the City of New Westminster, the Invasive Species Council of Metro Vancouver, and volunteers.

### **List of Publications (UFV student names underlined)**

Butaev, A., Luo, L. & Shanmugalingam, N. Construction of a Dirichlet form on Metric Measure Spaces of Controlled Geometry. *Potential Anal* 62, 485–508 (2025).

<https://doi.org/10.1007/s11118-024-10144-6>

**Linus Chang**

<https://onlinelibrary.wiley.com/doi/10.1002/anie.202416967>

<https://pubs.acs.org/doi/10.1021/acs.inorgchem.4c05005>