

Monthly Report to the Provost- Faculty of Science

The Faculty of Science (FoS) is the following to report for the month of April 2023:

Engaging Learners

Dr. Alida Janmaat Biology Associate Professor wrote an article "Bright but Stinky Sign of Spring: The Western Skunk Cabbage" for the Spring issue of NatureWILD, the magazine of NatureKIDS BC, a club for children and families who love to be outdoors. <https://naturekidsbc.ca/>

Dr. Lauren Erland, Director of Berry Horticulture Research joined the Canadian Journal of Plant Science as an Associate Editor. She further received funding from the BC Cranberry Marketing Commissions to start a study to understand the impact of warming in cranberry field using field based warming chambers, on which Agriculture Technology Department Head, Dr. Renee Prasad, is a collaborator.

Dr. Alan Reid Associate Professor from Biology and Dr. Lauren Erland participated in the UFV Library's first Science Café on March 2 <https://www.flickr.com/photos/ufv/albums/72177720306972835/with/52769413868/>

Dr. Robin Endelman, Math & Stats Associate Professor and Science Rocks! Coordinator was successful in receiving a \$2,500 grant from the Canadian Mathematical Society to help support our Science Rocks Summer Camps. Registration for our Camp opened this month and are filling up quickly <https://ufv.ca/science/science-in-the-community/sciencerocks/>

The FoS hosted the Fraser Valley Regional Science Fair (FVRSF) 6, 2023. Students from 12 from across the Fraser Valley competed for prizes and a chance to represent the Fraser Valley with Team BC at the Canada Wide Science Fair in Edmonton, Alberta next month. The four finalists are Dasmesh Punjabi School, R.E. Mountain Secondary School (Langley), Chilliwack Secondary School, and W. J. Mouat Secondary School. On April 15, 2023, the FVRSF Awards Day began with our 4th Annual Science Fair Open House where we welcomed the participants and their friends and families to tour our science labs and take part in demonstrations hosted by some of our amazing UFV faculty and students. Special thanks to the UFV Organizing Committee: Caroline Majeau, Nagtegaal and Dr. Ian Affleck from the FoS Dean's Office and Dr. Joseph Sponer, Chemistry Assistant Professor and FVRSF Chief Judge.

Participation was strong from Science students in

On April 3, the Agriculture Technology Department held a year end/graduation celebration wishing their students who completed their agriculture programs all the best as they embark on their next journey.

Dr. Carin Bondar Biology Adjunct Professor and SLUEC Sessional received a grant from the United Way to put on a 'Girls in STEM' workshop on June 3, 2023. Her documentary, Carbon: an Unauthorized Biography, where Carin appeared explaining photosynthesis and respiration is currently nominated for best Science/Nature Documentary at the 2023 Canadian Screen awards <https://www.academy.ca/2023/carbon-the-unauthorisedbiography/>

Physics student Catherine Laflamme and Biology student Manjot Benning were the successful candidates for an all expenses paid trip to London, UK, to represent UFV at the London International Youth Science Forum to be held in July.

Drs. Almaz Butaeva and Serhii Myroshnychenko are the successful candidates for the two positions in the Department of Mathematics & Statistics that became available following recent faculty retirements. They will be joining UFV beginning July 1, 2023.

Building Community

Sample List of Presentations/Publications (UFV student names underlined> by FoS personnel:

Marlétaz, F., de la Cal Mustienes, E., Acemel, R. Davon, D. *et al.* The little skate genome and the evolutionary emergence of wing-like fins *Nature* (2023).