

Monthly Report to the Provost – Faculty of Science

The Faculty of Science (FoS) has the following to report for **May 2024**:

Engaging Learners

Dr. Stefanie Pizzirani:

- Presented a talk on April 29th called “The Future of Food” at Magee Secondary School in Vancouver at a Mercury Rising event led by the Kimberley Foundation
- Hosting a PGES table at Ecole Salish Secondary on May 17th as part of their school-wide Environmental awareness event
- Hosting an FAI table at the Inaugural Mayor’s Luncheon on May 23rd

Transforming Lives

Building Community

Dr. Stefanie Pizzirani:

- Presented twice at the ConnectEd 2024 conference: a 45-minute talk called “*Presenting case studies in a more engaging way for the classroom*” and a 15-minute talk called “*Building students’ relationship with course content: an example from Sustainable Fashion*”
- Guest lecturing on May 29th in the newly launched Power and Place: Stó:lō Téméxw Responsibility, Reflection, and (Re)Storying associate certificate
- Met with the Arrell Food Institute (University of Guelph) in Toronto on May 1-2 to begin drafting a multi-million-dollar Lab to Market proposal called “Sustainable Food Systems for Canada Innovation Platform”.
- Signed the Collaborative Research Agreement for the now secured \$2.5 million grant entitled “The Social Implications of Agri-Genomics: Ensuring Inclusion, Diversity, Equity, and Accessibility in the Transition to Climate-Resilient Agricultural and Food Systems in Canada.”
- Met with the Stó:lō Research and Resource Management Centre (SRRMC) and the Ts’elxwéyeqw Tribe Management Ltd on May 10th to begin planning the 3rd year of collaborative research between them and members of the PGES department (Stefania Pizzirani, Mariano Mapili, Steve Marsh, and several PGES students). The long-term project is called “Forest Systems and Well-being” and to-date has brought in over \$150,000 of funding for our researchers and students.

List of Publications (UFV student names underlined>

Dring, C., Cremer, A., Glaros, A., **Pizzirani, S.**, Newell, R. & Newman, L. (2024). “*Vertical Agriculture Education Workshop Report.*” The University of the Fraser Valley, Abbotsford, BC.

Lathbl, M. A., Haque, A. E., Hakimi, M. H., Lashin, A., & Qadri, S. M. T. (2024). Organic geochemical characteristics of the Late Cretaceous coal and carbonaceous shale succession from the Taranaki Basin, New Zealand: Implications for sedimentary environmental setting and petroleum generation potential. *Geological Journal*, 1–21. <https://doi.org/10.1002/gj.4962>