

## Monthly Report to the Provost – Faculty of Science

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

### Engaging Learners

**Dr. Afia Zubair Raja**, Department Head of Planning, Geography & Environmental Sciences attended the HUBBUB for Fall 2023 where her GEOG 360 class won a prize. The winning poster: Re-envisioning Fishtrap Creek Park with a focus on accessible tourism received the CityStudio Teams award, and the winning group got pictures with the mayor. Overall, the Planning, Geography, and Environmental Studies Department's students won 3 prizes at the City Studio in December 2023.

Bachelor of Agricultural Science student **Mwenda Dyck** competed in the 'Farmer's Den' competition at the Pacific Agricultural Show in the 'seedlings' category which was for students or recent graduates with emerging agricultural companies or ideas for an agri-business.

### Transforming Lives

### Building Community

**Dr. Cherie Enns**, from the Planning, Geography, and Environmental Studies department is the co-PI on the IDRC grant, and coordinator working with CHASI to host the Community Resilience in Pandemic Prevention event. Professor Salome Bukachi, a professor at the University of Nairobi's Department of Anthropology, Gender, and African Studies was the guest speaker for the event. The event held at The University of the Fraser Valley had over 40 attendees virtually and 50 in person; it was an engaging and informative event. Videos and a PDF of the presentation were sent out to everyone who registered for a ticket for the event. A highlight to share is the One Health focus as well as involvement in the project of several current/former UFV students.

**Dr. Stefania Pizzirani**, Associate Director, Food and Agriculture Institute and **Dr. Alesandros Glaros**, Research Associate, Vertical Agriculture Lead hosted two tables at a recent "farming themed" Abbotsford Canucks game on Jan 13th. They represented the PGES department and FAI, and had great interactions with the community throughout the night.

The **Agriculture Technology Department** had a booth at the 26<sup>th</sup> annual Pacific Agricultural Show, showcasing the work and educational offerings of the department. **Dr. Lenore Newman**, Director, Food and Agriculture Institute, was a judge for the Farmer's Den competition. **Dr. Renee Prasad** presented two research projects at the Lower Mainland Horticultural Conference, held in conjunction with the Pacific Agriculture Show.

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

**Myroshnychenko, S.**, Tatarko, K. & Yaskin, V. How far apart can the projection of the centroid of a convex body and the centroid of its projection be?. Math. Ann. (2023). <https://doi.org/10.1007/s00208-023-02783-8>

Kim, G., Mohamed, H., Macphail, C., Bhuiyan, I., Sidhu, T., Emami, A., **Huang, L., Sun, S.Z.**, Tyldesley, S., Ko, J. Impact of exposure to clinical trials and standard-of-care therapy in metastatic or recurrent prostate cancer: An update. ASCO Genitourinary Cancers Symposium, San Francisco, California, US; Jan 25 - 27, 2024.