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**22<sup>st</sup>**

9:30 AM coffee and pastries BRC 224  
MINI-SYMPOSIUM - BEATY MUSEUM AUDITORIUM

10:05 Introduction  
Leticia Avilés & Jill Jankowski, UBC, Zoology

10:15 Vegetation structural complexity and biodiversity  
Leticia Avilés & Luis Camacho, UBC, Zoology

10:25 Understanding vegetation structure with remote sensing at different scales  
Naomi Schwartz, UBC, Geography

10:35 So near and yet so far, beta diversity of frogs in Llanganates National Park, Amazonia, Ecuador  
Santiago Ron, PUCE, Quito

10:50 Bird diversity and habitat structure along elevation gradients  
Jill Jankowski, UBC, Zoology

11:00 The importance of connectivity for carnivore richness and occupancy in fragmented biodiversity hotspots  
Cindy Hurtado & Cole Burton, UBC, Forestry

11:10 - 11:30 short break

11:30 The geography of ant morphology among colonies, populations and communities  
Jean-Phillipe Lessard, Concordia U

11:45 Insect diversity on the tropical Andes  
Cesar Cabra-Arias, UBC Zoology

11:55 Changes in the composition of web-building spider communities from the rainforest to the páramo  
Andrea Haberkern, UBC Zoology

12:05 Rain intensity and spider web architecture  
Yu-Heng Lin, UBC Zoology

12:15 Leaf miners and their parasitoids along the Andes elevational gradient  
Karina Torres, UBC Zoology

12:25 - 13:25 lunch - BRC 224

13:25 Collector behaviour affects the assumptions we can make about biodiversity data  
Melissa Guzmán, U Southern California

13:40 Using the Global Biodiversity Information Facility (GBIF) database for macroecological studies of Ecuador's biodiversity  
Luis Camacho, Universitat Autònoma de Barcelona

13:50 Phylogenetic Comparative Methods: a simplified overview  
Francisco Henao, U Chicago

14:00 End of Symposium

14:30 - 16:30 Group discussions with papers from the literature - BioSci 4223 & 4227

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Thursday, February 23<sup>rd</sup> (BRC 224 & 303)

- 9:30 - 13:30 Work in groups: look into preliminary data
- 14:30 - 16:30 Report on outcome of group meetings

Friday, February 24<sup>th</sup> (BRC 224 & 30)

- 9:30 - 13:30 Work in groups: outline/advance papers
- 14:30 - 16:30 Next steps and presentations to the rest of the groups

# Biodiversity along elevation and productivity gradients

GCRC working group and  
mini-symposium 22-24 Feb 2023

Co-organizers:

Leticia Avilés (Zoology),  
Jill Jankowski (Zoology)  
Naomi Schwartz (Geography)