

ZGSA SPRING RESEARCH SYMPOSIUM SCHEDULE

9:00-9:40 Pre-symposium refreshments and coffee Location: Black Hole		
Sessions 1/2: 9:40 - 10:15		
	Session 1: Cellular Biology MSL 101	Session 2: Evolutionary Biology MSL 102
9:40	Opening remarks	
9:45-10:00	Cecilia Jalabert: LC-MS/MS profiling of systemic and brain steroid levels in a songbird	Gil Henriques: During environmental change, cooperation can promote rescue or lead to evolutionary suicide
10:00 - 10:15	Melody Salehzadeh: Expression of ACTH and ACTH receptor in mouse immune tissues	Ailene Macpherson: Epidemics and the maintenance of genetic diversity
10:15 - 12:00	Workshop 1: Diversity in STEM Panel Discussion in collaboration with UBC's Equity and Inclusion Office Location: MSL 101	
12:00 - 13:00	Lunch Break	
13:00 - 14:00	Dr. Rowan Barrett Testing mechanisms of adaptation in nature Location: Beaty Biodiversity Museum	
14:00 - 14:25	Refreshments and coffee Location: Black Hole	
Sessions 3/4: 14:25-15:10		
	Session 3: Ecology & Conservation MSL 101	Session 4: Physiology MSL 102
14:25-14:40	Sam Straus: Covariance in spatial use properties and their relation to body size	Matthew Gilbert: A field-based investigation of the cardiorespiratory and thermal physiology of migratory Arctic Char (<i>Salvelinus alpinus</i>) using a remote mobile laboratory
14:40-14:55	Sandra Emry: Effects of resource quality on the temperature dependence of ecosystem respiration	Yangfan Zhang: Does piscine orthoreovirus (PRV) harm the respiratory capability of infected Atlantic salmon (<i>Salmo salar</i>) smolts? An assessment that uses physiology to characterize phenotype.
14:55-15:10	Tanvi Vaidyanathan: Ban? What Ban? Status of seahorse fisheries and trade in India.	Derek Somo: High temperature, hypoxia, and fish in the intertidal

15:20 -
17:00

Workshop 2: Science Communication by [SciCATS](#)

Location: Beaty Biodiversity Museum

BBQ/Beers Social

17:00 - When the cows come home

Biodiversity Research Centre

Poster Session

17:00 - 18:00

Biodiversity Research Centre

Ken Thompson - Parallel genetic evolution and speciation from standing variation

Jordan Hamden - Acute stress increases local corticosterone levels in lymphoid organs of neonatal mice: analysis using LC-MS/MS

Danielle Main - Linking spatial use properties and body size with the IUCN Red List

Cassandra Konecny - Coming in hot: Community-level responses to changes in heat wave intensity and herbivore density

18:30

**Emily Gallagher Best Talk Award and Best Poster Award -
Presentation**