

DAY 1: Monday, April 24th, 2023 - Symposium talks

Debbie and Justin Wragg-Schmidt Zoology Spring Symposium 2023



Career talk
Wayne Maddison
Professor
UBC Zoology

Plenary talk
Karen Warkentin
Professor
Boston University

FOREST SCIENCES CENTRE (FSC) 1005 - 2424 Main Mall

		SPEAKERS	AFFILIATION	TITLE
AM 08:45	• Coffee and pastries - BYOM			
09:15	Opening remarks	ZGSA		
09:25	Plenary talk	Karen Warkentin	Boston University	Development and mechanisms of adaptive embryo behavior
10:25	3 mins thesis	Eric Press	Altshuler	Optic flow processing in flying finches
10:28	3 mins thesis	Iris Li	Benson-Amram	An overview of BC coyotes' diet and body health
10:31	3 mins thesis	Regine Manglicmot	Leander	Say hello to my little friend: symbioses in small animals
10:35	Student talk	Mackenzie Kinney	Schluter	When 2 become 1: parallel evolution of hybrid genomes
10:50	• Break - BYOM			
11:15	Student talk	Christina Hsu	Sugioka	Cortical flow regulates the orientation of contractile ring constriction
11:30	Student talk	Ivan Lo	B Matthews	Improving genetic editing rates in <i>Aedes aegypti</i> mosquitoes using germline Cas9
11:45	Student talk	Fiona Beaty	Harley	Not just range limits: warming rate and thermal sensitivity shape climate change vulnerability in a species range centre
12:00	3 mins thesis	Jinfang Li	Gordon	Using connectomics and physiology to explore principles of taste processing in <i>Drosophila</i>
12:03	3 mins thesis	Rachael MacKinnon	Richards-Brauner	Developing larger Atlantic salmon smolts for aquaculture: can it be done?
12:06	3 mins thesis	Nicola Love	Otto	Exploration of seasonal and annual shifts in space-use throughout the Bathurst herd decline
PM 12:10	Student talk	Tessa Blanchard	Schulte	Life in a fluctuating world - how do embryos respond to fluctuating environments
12:25	Student talk	Pablo Sandoval	Srivastava	Project Treehole: urban ecology with the community

BIOLOGICAL SCIENCES BUILDING COURTYARD - 6270 University Boulevard

12:40 • Lunch

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		SPEAKERS	AFFILIATION	TITLE
02:00	Student talk	Menghao Lu	Mizumoto	The functions of CaMKII and PKC in Wnt-dependent developmental neurite pruning
02:15	Student talk	Andrea Haberkern	Avilés	Changes in the composition of web-building spider communities from the rainforest to the páramo
02:30	Student talk	Shuang Liu	Richards-Taylor	Physiology and transcriptomics revealed putative local adaptation to fresh water in prickly sculpin (<i>Cottus asper</i>)
02:45	PPT roulette	Katie Marshall, Mike Whitlock, Chris Harley, Kevin Wei		
03:00	Student talk	Penny Kahn	Otto	Pleiotropic effects of metal adaptation in yeast
03:15	Student talk	Gaurav Singh-Varma	Kremen	High Nature Value farmlands (HNVs) enhance movement and functional connectivity for three European ungulate species
03:30	• Break - BYOM			
03:50	3 mins thesis	Asad Hasan	Whitlock	Background selection on weakly selected alleles in structured populations
03:53	3 mins thesis	Janet Zhao	Gordon	A neural circuitry of salt taste in <i>Drosophila</i>
03:56	3 mins thesis	Jawad Sakarchi	Germain	On the genesis and evolution of coexistence mechanisms
04:00	Student talk	Zazil Solis Saldivar	Auld	Understanding why too much Gliotactin kills <i>Drosophila</i> wing disc epithelia
04:15	Student talk	Charlotte Nelson	Brauner	When is a (bony) fish more like a shark?
04:30	Set-up elevator pitches			
04:35	Elevator talk	Lucia Combrink	Schluter	Does interspecific competition drive reproductive isolation via niche divergence?
04:36	Elevator talk	Rory Macklin	Jankowski	Conifer specialist or stunted generalist? Competition and habitat use by chestnut-backed chickadees (<i>Poecile rufescens</i>)
04:37	Elevator talk	Bryn Wiley	Otto	Evolution of imbalanced nuclear ratios in dikaryotic fungi
04:38	Elevator talk	Leisl Brewster	B Matthews	Targeted RNA sequencing to investigate the molecular architecture of mosquito taste
04:39	Elevator talk	Chelsea Gough	Sugioka	A sensitized genetic screen to identify novel regulators of cytokinesis
04:40	Career Talk	Wayne Maddison	UBC	The shapes and colours of spiders and ideas

BIODIVERSITY RESEARCH CENTER, 2212 Main Mall

	POSTERS BY	AFFILIATION
05:30 • Poster Session and Social Event	Sophie Johnston	Harley
	Jacelyn Shu	Mank
	Alexander Coverley	Marshall
	Yu-Heng Lin	Avilés
	Mohammadjavad Meghrazi	Otto
	Sophie Roth	Auld
	Kung-Ping Lin	Schluter
	Rebecca Hansen	Harley
	Markus Thormeyer	Tseng
	Jenny Muñoz	Jankowski
	Sravya Paluri	Auld



DAY 2: Tuesday, April 25th, 2023 - Graduate Student Appreciation & Awards Night

SAGE RESTAURANT, 6331 Crescent Road

06:30 pm • Graduate Student Appreciation and Awards Night • Semi-formal wear recommended •

