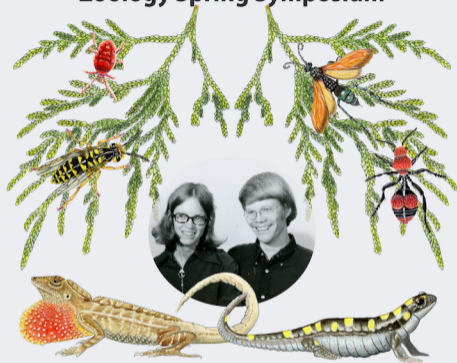


Inaugural Debbie and Justin Wragg-Schmidt Zoology Spring Symposium



Retirement talk
Bob Shadwick
Professor Emeritus
Comparative Physiology
UBC Zoology

Plenary talk
Martha Muñoz
Assistant Professor
Ecology & Evolutionary Biology
EEB Yale University

Monday, April 25th, 2022
Forest Sciences Centre (FSC) 1005
2424 Main Mall



Monday, April 25th, 2022

FOREST SCIENCES CENTRE (FSC) 1005 - 2424 Main Mall

AM 08:45	• Coffee and cookies		
09:15	Opening remarks	Justin Schmidt & ZGSA	• From Vancouver to New Brunswick and Georgia to Arizona: how UBC Zoology inspired our lives in science and medicine
09:35	Plenary talk	• Martha Muñoz	• Behaviour is a motor and a brake for evolution
10:35	3 mins thesis	• Jessica Li	• Milsom
10:39	3 mins thesis	• Keila Stark	• O'Connor
10:42	3 mins thesis	• Brittney Smaila	• Ramer/ICORD
10:45	• Break		
11:05	Student talk	• Julian Nguyen	• Pante
11:20	Student talk	• Eric Press	• Altshuler
11:35	Student talk	• Francisco Henao Diaz	• Pennell
11:50	3 mins thesis	• Libby Natola	• Irwin
11:53	3 mins thesis	• Minseon (Michelle) Jung	• Soma
11:56	3 mins thesis	• Mia Waters	• Germain
PM 12:00	Student talk	• Shuang Liu	• Richards
12:15	Student talk	• Gabriel Greenberg-Pines	• Aviles
			• New understandings of the nuclear import of influenza A virus
			• Visual motion processing for avian flight control
			• How long does it take for species to achieve secondary sympatry across latitudinal and elevational gradients?
			• Geographic variability of hybridization between red-naped and red-breasted sapsuckers
			• Effects of maternal sucrose consumption on fetal brain and physiology
			• Eggs for breakfast: the demographic consequences of cannibalism and harsh environments
			• Regional differences in ion regulation of prickly sculpin (<i>Cottus asper</i>)
			• Energy intake as a function of spider size scales with a similar allometric relationship across spider web geometries

BIODIVERSITY RESEARCH CENTER, 2212 Main Mall

12:30 • Lunch

FOREST SCIENCES CENTRE (FSC) 1005 - 2424 Main Mall

02:00	Student talk	• Amy Liu	• Taylor	• Family reunion? Spatial admixture analysis in a dolly varden subspecies contact zone
02:30	Student talk	• Katie Clayworth	• Auld	• How wrap a nerve: glia-ECM communication.
02:45	Student talk	• Madison Earhart	• Schulte	• Fish conservation in a changing world
03:00	Student talk	• Natasha Klasios	• Tseng	• First insights into microplastic pollution in lakes in British Columbia
03:15	PPT roulette	• Diane Srivastava, Ninan Abraham, Matt Pennell, Jeff Richards		
03:30	• Break			
03:50	3 mins thesis	• Leisl Brewster	• B-Matthews	• Target RNA sequencing in the <i>Aedes aegypti</i> mosquito
03:53	3 mins thesis	• Hannah Griebing	• Benson-Amram	• Exploration-exploitation tradeoffs in problem solving in captive raccoons (<i>Procyon lotor</i>)
03:56	3 mins thesis	• Jarret Blair	• Marshall	• Best of both worlds: a novel approach to specimen classification using computer vision and eDNA
04:00	Student talk	• Stephanie Blain	• Schluter	• Repeatability of multiple-ecotype assemblages of sympatric salmonids
04:15	Student talk	• Meghan Jelen	• Gordon	• Characterizing appetitive taste memory in <i>Drosophila melanogaster</i> using a novel optogenetic learning paradigm
04:30	Student talk	• Natalie Westwood	• Srivastava	• Forest fragmentation has differing impacts on trophic levels found within treehole ecosystems
04:35	Elevator talks	• Jenna Melanson (Kremen), Sasha McDowell (Gordon), Justin Carless (Brauner), Yuying Lin (Mank)		
04:40	Retirement talk	• Bob Shadwick	• Bob Shadwick	• Using biomechanics to infer physiology: from squids to whales
05:00	Closing remarks			

SAGE RESTAURANT, 6331 Crescent Road

06:30 • Graduate student appreciation and awards night • Semi-formal wear recommended •