

Debbie and Justin Wragg-Schmidt  
ZGSA Zoology Spring Symposium  
May 1<sup>st</sup> 2025



Career talk  
Linda Matsuuchi  
Professor  
UBC Zoology

Plenary talk  
Matt Fuxjager  
Associate Professor  
Brown University

Thursday, May 1<sup>st</sup>, 2025 - Symposium talks

BIOLOGICAL SCIENCES BUILDING # 1000 - 6270 University Boulevard			
	SPEAKERS	AFFILIATION	TITLE
AM 08:30 • Coffee and pastries - BYOM			
09:00 — Opening remarks	ZGSA	UBC	
09:10 — Plenary talk	Matthew Fuxjager	Brown University	Function, evolution, and physiology of woodpeckers drumming
10:10 — Blitz	Diego Beltrán	Schluter	Cascading reinforcement as a mechanism of hummingbird color divergence
10:15 — Blitz	Rachel Leong	Srivastava	Tropical genetic analysis of insect biodiversity across ecuador, Costa Rica, and Trinidad and Tobago
10:20 — Talk	Jack Hall	Wood	Lethal and legacy effects of developmental road salt exposure on chum Salmon
10:35 • Break - BYOM			
10:50 — Talk	Lucia Combrink	Schulter	Genomic mosaicism in a young adaptive radiation
11:05 — Talk	Michelle Jung	Soma	Effects of maternal and offspring sucrose consumption on behavioural outcomes
11:20 — Talk	Adam Harman	Schulte	The influence of early life thermal history on the embryonic CTmax of sheepshead minnow ( <i>Cyprinodon variegatus</i> )
11:35 — Talk	Jenna Melanson	Kremen	Effects of invasive <i>Bombus impatiens</i> on native bumble bee disease prevalence are parasite-specific
11:50 — Blitz	Ankita Chauhan	Wei	Uncovering recombinant drive as a source of variability in recombination rate
11:55 — Blitz	Ralitza Sevova	Brauner & B Matthews	The effects of early rearing substrate on olfactory development and function in chum salmon and white sturgeon

BIOLOGICAL SCIENCES BUILDING COURTYARD - 6270 University Boulevard  
12:00 • Lunch

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	SPEAKERS	AFFILIATION	TITLE
01:00 — Talk	Jaye Sudweeks	Hauert	Environmental feedback maintains cooperation in phage-host systems
01:15 — Talk	Kung-Ping Lin	Schluter	On the maintenance of standing genetic variation by migration-selection balance
01:30 — Talk	Rachel Eisenberg	Schulte	The effects of salt exposure during development on the long-term thermal tolerance (ITMax) of coho salmon ( <i>Oncorhynchus kisutch</i> )
01:45 — Blitz	Henry Luo	Auld	Unwrapping the developmental mechanism of wrapping glia in peripheral nerves
01:50 — Blitz	Yuying Lin	Mank	Structural variation in Trinidadian guppies
01:55 — Blitz	Auguste de Pennart	B Matthews	Feeling the groove: mechanosensation mediating egg-laying behaviour in the yellow fever mosquito
02:00 — Blitz	Tatiana Chamorro	Kremen	How are lizards moving through silvopastoral systems in Colombia?
02:05 — PPT roulette	Sally Otto, Kevin Wei, Trish Schulte, Rachel Germain		
02:25 • Break - BYOM			
02:40 — Talk	Natalie Casson	Auld	Involvement of Dlg1 in putative AIS protein composition in <i>Drosophila melanogaster</i>
02:55 — Talk	Iris Li	Benson-Amram	Long term and short term diet analysis in nuisance coyotes ( <i>Canis latrans</i> ) across an urban-rural gradient
03:10 — Talk	Jacqueline DaSilva	Steinwand & Stewart	Exploring the relationship between teacher discourse moves & student engagement, belonging, & trust in introductory biology
03:26 — Pitch	Katie Grabowski	Gaynor	The effect of large carnivore reintroduction on mesocarnivore activity at Gorongosa National Park, Mozambique
03:27 — Pitch	Zachary Marshall	Gordon	Characterizing a candidate taste receptor for lactic acid in insects
03:28 — Pitch	Changfu Jit	Mank	The spread of texim gene on Y captured by helitron transposons
03:29 — Pitch	Zazil Solis-Saldivar	Auld	Too much of a good thing? Lots of Gliotactin kills <i>Drosophila</i> cells
03:30 — Career Talk	Linda Matsuuchi	UBC	My claim is that Zoology is a great place to spend one's career

BIODIVERSITY RESEARCH CENTER, 2212 Main Mall							
04:00 • Poster Session	POSTERS BY	AFFILIATION	POSTERS BY	AFFILIATION	POSTERS BY	AFFILIATION	
	Regine Manglicmot	Leander	Darko Gavrilovic	Srivastava	Rana Zakerzade	Wei	
	Aaron Skinner	Kremen	Clare Kilgore	Schulte, Wood	Bella Yang	Soma	
	Eric Reich	Brauner, B Matthews	Jennifer Green	Gaynor	Carley Winter	Schulte	
	Hannah Griebling	Benson-Amram	Skye Ku	Auld	Gabriel Greenberg-Pines	Avilés	
	Emma Lam	Benson-Amram	Jérôme Plumier	Soma	Lydia Fong	Mank	
					Sydney Ko	Mizumoto	

Koerner's Pub 6371 Crescent Road  
• 06:30 pm to 10:30 pm • Graduate Student Appreciation and Awards Night •