

Ecology and Evolutionary Biology Graduate Student Symposium (EEBGSS)

Friday
May 13th 2022



Location: HIB 135

Time	Speaker	Year & Lab	Presentation
9:00 AM	<u>Breakfast / Coffee</u>		
10:00 AM	Andie Nugent	4th Allison	SOIL MICROBIAL AND BIOGEOCHEMICAL RESPONSES TO CLIMATE CHANGE AND URBANIZATION
10:10 AM	Alberto Barron Sandoval	2nd J. Martiny	MICROBIAL PHYLOGENETIC CONSERVATISM AND BIOGEOGRAPHY OF TRAITS
10:20 AM	Kristin Barbour	2nd J. Martiny	BACTERIAL DISPERSAL INFLUENCES COMMUNITY ASSEMBLY FOLLOWING WILDFIRE.
10:30 AM	Andrea Hernandez	2nd Treseder	EFFECTS OF GRAZING ON ABUSCULAR MYCORRHIZAL FUNGI
10:40 AM	Matea Djokic	2nd German	A PROPOSED INVESTIGATION OF NONLETHAL ALTERNATIVES TO GUT MICROBIOME SAMPLING IN SILVERSIDE FISH
10:50 AM			
11:00 AM	Autumn Henderson	2nd Rodriquez-Verdugo	CHARACTERIZING THE ROLE FEVER PLAYS IN ANTIBIOTIC EFFICACY
11:10 AM	Samantha Cunningham	2nd Lamb	SEAGRASS ECOSYSTEMS REDUCE RELATIVE ABUNDANCE OF HUMAN PATHOGENS ON PLASTIC
11:20 AM	<u>Brief Break</u>		
11:30 AM	Galen Martin	4th Gaut	RNA SECONDARY STRUCTURE PREDICTS THE EPIGENETIC AND EVOLUTIONARY FATE OF GENES AND TRANSPOSONS
11:40 AM	Kenneth Arnold	4th Rose	GENOMIC TRAJECTORIES OF ADAPTATION & THE OMICS OF AGING
11:50 AM	Nichole Procter	2nd Lutterschmidt	INFLUENCE OF SOCIAL CUES ON BEHAVIORAL RHYTHMS IN GREEN TREEFROGS (<i>HYLA CINEREA</i>)
12:00 PM	Lauren Bradley	4th Yan	EPIDEMIOLOGY OF PLASMODIUM VIVAX IN DUFFY NEGATIVE INDIVIDUALS: MALARIA EVOLUTION IN SUB-SAHARAN AFRICA
12:10 PM	Carl Norlen	4th Goulden	UNDERSTANDING INTERACTIONS BETWEEN MULTIPLE FOREST DISTURBANCES
12:20 PM	Farzaneh Khalaj	4th Faiola	BIOSPHERE-ATMOSPHERE INTERACTIONS AND AEROSOL FORMATION FROM PLANT VOLATILE ORGANIC COMPOUNDS
12:30 PM	<u>Catered Lunch</u>		
1:00 PM	Grace Chan	2nd Connor	ANTICIPATING HEAT STRESS RECOVERY IN INTERTIDAL MUSSELS
1:10 PM	Helen Hong	2nd Connor	UNDERSTANDING CELL CYCLE DYNAMICS UNDER FLUCTUATIONS IN OXYGEN USING MUSSEL MODEL
1:20 PM	Christine Bonadonna	2nd Symons	RESILIENCE TO HEATWAVES: THE CONSEQUENCES OF MULTIPLE AND INTERACTING FORMS OF THERMAL VARIABILITY
1:30 PM	Ryan Beshai	2nd Sorte	INVASIONAL MELTDOWN OR BIOTIC RESISTANCE? DIVERSITY REDUCES INVASIBILITY BUT NOT EXOTIC DOMINANCE
1:40 PM	Karina Brocco French	4th German	THE BILL FOR THE BUILT ENVIRONMENT
1:50 PM	Lauren Lees	4th Bracken	TOP-DOWN AND BOTTOM-UP IMPACTS ON INTERTIDAL BENTHIC MICROBIAL COMMUNITIES
2:00 PM	Racine Rangel	4th Sorte	IMPACTS OF CLIMATE CHANGE ON THE SHELL STRUCTURE OF A CRITICAL HABITAT-FORMING SHELLFISH
2:10 PM	Claire Freimark	2nd Lamb	GLOBAL DISEASES OF MARINE ALGAE
2:20 PM	Amber Jolly	2nd Huxman	CONTRASTING LEAF WATER CONSERVATION STRATEGIES IN ADULT AVOCADO (<i>PERSEA AMERICANA</i>) SCION VARIETIES IN A COMMON GARDEN
2:30 PM	Andy Dang	4th Briscoe	CHARACTERIZING COLOR VISION IN NYMPHALID BUTTERFLIES
2:40 PM	Xinyu Li	4th / Campbell	INTERACTIONS UNDER FIRE: EFFECT OF BURNS ON PLANT-POLLINATOR INTERACTIONS
2:50 PM	Zachary Greenspan	2nd Mueller	UNDERSTANDING GENETIC CAUSALITY USING MACHINE LEARNING ON POPULATION GENETICS
3:00 PM	~ Department Seminar ~		
4:30 PM	EEBGSS Reception - Nat Sci I Room 1114		