

2019 SUMMER RESEARCH COLLOQUIUM

Camino 108: Life and Physical Sciences

10:00 am	Michelle Velesrubio	The effects of phenotypic coloration of <i>Agraulis vanillae</i> larvae on their susceptibility to nucleopolyhedroviral infection
10:15 am	Maria Lee	Temperature Dependency of Disease Transmission and Severity
10:30 am	Sydney Smyer, Nadia Mohebati, and Michayla Mabourakh	The Effects of Baculovirus on <i>Trichoplusia ni</i> .
10:45 am	BREAK	
11:00am	Savannah Shields	Identifying local adaptation in the host/pathogen relationship between <i>Agraulis vanilla</i> and nucleopolyhedrovirus
11:15 am	Antonio Rojas	Pharmacological manipulation of HEG1-KRIT1 protein complex modulates endothelial vasoprotective functions through expression of KFL4/2
12:00 pm	LUNCH BREAK	
1:00 pm	Simren Kaur	Imaging Live <i>Drosophila</i> Neurons
1:15 pm	Michelle Wang	Measuring the dispersion relation of capillary fluctuations using Differential Dynamic Microscopy
1:30 pm	Lwendo Mwansa	Effects of Strong Photospheric Dissipation on the Spectra and Structure of Accretion Disks with Non-zero Inner Torque
1:45 pm	Thanh Trinh	The use of fluorescence-based thermal shift assays to measure HMGB1 binding interactions
2:00 pm	BREAK	
2:15 pm	Valeria Reyes	Synthesis of a Ligand for use in Enantioselective Catalysis
2:30 pm	Mishika Manchada & Trina Ngyentu	NHE1 is required for the progression of lung fibrosis
2:45 pm	Sydney Mikulec	Microwave-Assisted RAFT Polymerization of Cationic Monomers

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10:00 am	Delaney Casten	Effects of disturbances on heart rates of loggerhead sea turtles
10:15 am	Sydney Bennett	Examining the cardiac responses between Weddell seals and California sea lions: How different are they?
10:30 am	Ilana Rivera Larrea	Assessment of <i>Ferocactus gatesii</i> populations in Bahia de los Angeles using Manual Collection and UAVs
10:45 am	BREAK	
11:00am	Thomas Drake	Microscale Direct Interactions between Copepods and Marine Snow
12:00 pm	LUNCH BREAK	
1:00 pm	Emily Andrade	Daily otolith growth ring validation in the California killifish, <i>Fundulus parvipinnis</i>
1:15 pm	Jorge Saavedra	Spatial and temporal variability of the benthic environment within the proposed Mission Bay Re Wild area, San Diego Ca
1:30 pm	Elizabeth Bushnell	Impacts of Climate Change on Intertidal Communities: Effects of Elevated Temperature and Predator Exposure on <i>Chthamalus fissus</i>
1:45 pm	Rachel Sarner	The Presence of Microplastics Offshore of Southern California
2:00 pm	Chelsea Nelson	Sedimentary organic matter and dissolved oxygen in the California Continental Borderland

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Camino 111: Behavioral Neuroscience, Math

10:00 am	Victoria Cendejas	Hippocampal Involvement in the Traveling Salesman Problem
10:15 am	Larissa Olivas	Effects of Medial Entorhinal Cortex Lesions in Rats on the Traveling Salesman Problem
10:30 am	Greer Marshall	Hippocampal infused DREADDS in rats on the Traveling Salesman Problem
10:45 am	BREAK	
11:00 am	Alexandra Unapanta	Pharmaceutical Effects of Ketamine on Rat Performance in the Traveling Salesperson Task
11:15 am	Nina Tabrizi	Effect of MEC Lesions on Time Discrimination Learning in Rats
11:30 am	Nicholas Doupsas	Temporal Aspects of Object Discrimination Memory in Rats
11:45 am	Sydney Wong	The Role of Dopamine in Decision-Making Behaviors
12:00 pm	LUNCH BREAK	
1:00 pm	Devin Villalpando & Christopher Currie	Simultaneous Collisions in Various Numbers of Dimensions
1:15 am	Jessica Shi, Jordan Matuszewski, and Sabrina Smith	The Combinatorics of Flat Folding Thick Paper I, II, III
2:00 pm	Kelli Kufra & Sean Hough	Project Halo

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Camino 112: Social Sciences

10:00 am	Michael Apostol	Impact of Religiosity on Prosocial Behavior
10:15 am	Sophie Abber	College Student Familiarity with Eating Disorder Diagnoses, Symptomatology, and Severity
10:30am	Gequasha Collins	The Experience of College Age Black Women in Spain
10:45 am	BREAK	
11:00 am	Alexee Silva	Albinism Through a Racial/Ethnic Lens
11:15 am	Tatiana Zamora	Committing to college readiness from middle school and beyond: A case study of a college preparatory middle school
11:30 am	Stephanie Misko	Exploring the Relationship Between Instagram Usage and Social Appearance Anxiety
12:00 pm	LUNCH BREAK	
1:00 pm	Yarissa Valdez	Parent-student Relationships and Academic Success
1:15 pm	Ivonne Salas	Chicanx Episodic Television and Representation
1:30 pm	Sami Zaia	FDI and Portfolio Flow Drivers
1:45 am	Jesse Magaña	Stories of Transitions: Refugee Children and Their Transition into U.S. K-12 Education
2:00 pm	Annette Vo	Effects of Sleep Deprivation on Neural Circuits Underlying Decision-Making
2:15 pm	Justin Olivares	Viewing El Círculo de Hombres Through the Lens of Empowerment Theory

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Camino 115: Arts & Humanities

10:00 am	Phoebe Woofter	Transgression of the Choral Space and Practice
10:15 am	Nicholas Cohn	Reconciling with the Final 'Frontier:' Refractions of Imperialism in Space Fiction and Space Policy
10:30am	Brandon Kenedy	THEOSTEM
10:45 am	BREAK	
11:00 am	Amanda Ezell	The Percussionist's Guide to Conducting: A Comparative Analysis of the Physical Movements Involved in Playing Percussion and Conducting
11:15 am	Mina de Guia	Queer Expression, the Closet, and the Dream Space Within Eighteenth and Nineteenth Century Gothic Literature
11:30 am	Alison Oliver	Virtue and Animal Ethics: An Interdisciplinary Study
12:00 pm	LUNCH BREAK	
1:00 pm	Vicenta Martinez Govea, Madison Turner, & Janette De Los Santos	Urban Identities: How ADU's are transforming San Diego
1:30 pm	Eleanor Vanden Busch	Somewhere in San Diego
1:45 pm	Tanya Al Saleh	Concentric Radical Urbanism
2:00 pm	Alessandra Pingol	Am I?
2:15 pm	Daniel Rodriguez	Color in the Mexican Modern Architecture of Luis Barragan

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Camino 117: Engineering

