



*NSPIRE2020 Symposium Agenda

<https://nspireinitiative.com/>

Day 1 (Wed, July 22, 12:00-2:30 PM PT)

ZOOM Link: <https://scripps.zoom.us/j/91408238134>

Time	Activity
12:00-12:05 PM	Welcome/Introduction by Profs. Keary Engle and Robert lafe Reminders about the Day 2 Events
12:05-12:45 PM	Introduction by Robert lafe Khalyd Clay Rising 4 th -Year PhD candidate Department of Molecular Medicine <i>"Using the power of chemistry to target age-associated disease"</i>
12:45-1:25 PM	Introduction by Keary Engle Jessica Rosarda Rising 4 th -Year PhD candidate Department of Molecular Medicine <i>"From Genes to Proteins"</i>
1:25-1:30	Break
1:30-1:50 PM	Scripps Research SURF and PhD program overview Paul Cognata www.education.scripps.edu & Day 2 poster and panel information
1:50-2:30 PM	Introduction by Kristine Arquero Ryan Shirey Rising 5 th -Year PhD candidate Department of Chemistry <i>"Academic and Assay Development"</i>

Day 2 (Thurs, July 23, 12:00-2:30 PM PT)

Home base / Grad Panel <https://scripps.zoom.us/j/6193583180>

Zoom Group 1A and 2A: <https://scripps.zoom.us/j/99702616918>

Zoom Group 2A and 2B: <https://scripps.zoom.us/j/93113434665>

* Poster presentations should be ≤ 8 min, with 2 min allowed for questions.

* Poster presenters should plan to stay in the Zoom room for the entire session where they are presenting.

Time	Activity					
12:00-12:40 PM	Poster Session 1					
	Zoom Group	Time	Name	Institute	Poster Title	
	1A	12:00-12:10	Melanese, Amanda	CSUSM	Microwave-Assisted Gold-Catalyzed Reaction of Benzylic Alcohols: Substrate Scope and Mechanistic Investigations	
		12:10-12:20	Stretch, Ebony	CSUSM	Development of a simple and streamlined bioinformatics pipeline to extract custom database sequences from next-generation sequencing data	
		12:20-12:30	van der Puyl, Vincent	Scripps	Directed, Nickel-Catalyzed Umpolung Carboamination of Alkenes	
		12:30-12:40	Apolinar, Omar	Scripps	Sulfonamide Directivity Enables Ni-Catalyzed 1,2-Diarylation of Diverse Alkenyl Amines	
	1B	12:00-12:10	Lopezguerra, Christian	CSUSM	Taxonomic and antibiotic resistance changes to coastal microbiomes in response to rainstorm runoff	
		12:10-12:20	Bui, Cindy	MiraCosta	The Effects of Salbutamol & Budesonide on Asthma	
		12:20-12:30	Orea, Diego Jesus	CSUSM	Overexpression and purification of MRSA associated proteins BlaR1 and MecR1	
		12:30-12:40	Wang, Justin	Scripps	Determining How Extracellular Seryl-tRNA Synthetase Inhibits Breast Cancer Metastasis	
	12:40-12:45	Break				

Poster Session 2					
	Zoom Group	Time	Name	Institute	Poster Title
12:45-1:25 PM	2A	12:45-12:55	Huynh, Thi	CSUSM	Red Light-Blue Light: Alkenone Production in <i>Isochrysis galbana</i> is Enhanced by Red Light, while Growth is Optimal Under Blue/Violet Light
		12:55-1:05	Lyon, Emily	CSUSM	A microwave assisted gold-catalyzed substitution reaction of benzylic alcohols with benzimidazole
		1:05-1:15	Tran, Van	Scripps	Ni(COD)(DQ): An Air-Stable 18-Electron Nickel(0)–Olefin Precatalyst
		1:15-1:25	Liu, Mingyu	Scripps	Palladium-Catalyzed Oxidative C(alkenyl)–H Activation and Asymmetric Alkene Hydrocarbonation
	2B	12:45-12:55	Okamura, Sierra	MiraCosta	Diabetes: Symptoms and Management
		12:55-1:05	Rincon Espitia, Pedro Anthony	CSUSM	IL-18 Regulation of T-cell Function in Epidermis
		1:05-12:15	Guerrero, Karen	CSUSM	Bioinformatics Analysis of Proteins Involved in Bacterial Curli Assembly Suggest Conserved Amino Acids That May Play a Role in Structure/Function
		1:15-1:25	Qiu, Nan	Scripps	Identification of protein targets of artemisinin by activity-based protein profiling (ABPP)
1:25-1:30 PM	Break (move to zoom room for panel, see above)				
1:30-2:25 PM	<p align="center">Graduate Student Q/A Panel: Emily Bentley* Khalyd Clay** Lara Ibrahim Jessica Rosarda** Ryan Shirey** Caroline Stanton</p> <p align="center">*2019 Fellow; **2020 Fellow</p>				
2:25-2:30 PM	Wrap up				

Have a question for a panelist? You can add questions anonymously to the Google Sheet below, and we do our best to cover it: <https://bit.ly/3hj1t0r>