

UC Davis Vertically Integrated Project (VIP) Program Symposium

September 23 & 30, 2016

1.30 – 3.30 p.m. Life Sciences 1022

Speakers and Topics

September 23, 2016		
Time	Speaker	Topic
1.30	Subra Muralidharan	UC Davis VIP
1.50	Holland Cheng	Structure-guided Vaccine Designs.
2.10	Daniel Cox	Amyloids for Nanoparticle Synthesis, Wiring, Energy, and Remediation (ANSWER).
2.30	Jonathan Eisen & David Coil	Bacterial Isolation and Genome Sequencing in Modern Microbial Ecology.
2.50	Atul Parikh & Viviane Ngassam	Searching for Broad-Spectrum Antivirals Among Membrane-Active Molecules.
3.10	David Simpson & Isaac Pessah	Predicting Stem Cell Potency and Effectiveness.
September 30, 2016		
1.30	Steve Greco	Living Laboratory: Sustainable and Resilient Ecological Landscape Design.
1.50	Pam Ronald & Brittany Anderton	Understanding how rice plants resist infection.
2.10	J. P. Delplanque	Real-Time Data Analytics for the Assessment of Pathologic Patient-Ventilator Interactions.
2.30	Margie Longo	Design, Fabrication, and Characterization of Addressable Biomembrane Arrays for Nanomedicine.
2.50	Marco Molinaro	Practical Learning Analytics for Undergraduate Education.
3.10	David Rizzo	VIP and Global Disease Biology program.

What is VIP?

The Vertically Integrated Projects (VIP) program integrates undergraduate education and faculty research in a team-based environment. It provides an immersive, collaborative, and flexible learning environment in which undergraduate students earn academic credits by participating in a research project for up to three years (typically from sophomore through senior years). The students have the opportunity to learn and practice professional skills, experience different roles, and make substantial contributions to research projects. In January 2016 UC Davis was awarded a grant from the Helmsley Trust to join a national consortium of universities that have adopted the VIP program. Current UC Davis VIP projects will be discussed in this symposium.