

2019-2020 Biology Events

10/28/2019 Seminar Momchilo Vuyisich, Viome Inc. 4pm. MSEC 101

"From scientist to an entrepreneur: how to start and run your own company."

Momo Vuyisich spent 12 years as a scientist at LANL. His team developed technologies that they translated into a start-up, Viome. Less than 3 years old, Viome has 170 employees and global customers. The LANL-developed technologies allow them to make sense of the human body and one day eliminate chronic diseases with personalized nutrition and lifestyle. Momo will describe what it takes to transition from an academic career, focused on papers and grants, to a fast-paced entrepreneurial lifestyle that focuses on product development, applied science, and rapid global expansion. The technical side of the talk will cover systems biology, machine learning, and personalized diet and lifestyle.

11/4/2019 Seminar Jesse Filbrun, Ph.D. ENMU 4 pm. MSEC 101

Dr. Filbrun is an Assistant Professor of Biology at Eastern New Mexico University in Portales, NM. His talk is:

"Aquaculture, oil spills, and aridification: human impacts on fishes."

11/11/2019 Grad Student Presentations 4 pm. MSEC 101

20 minute presentations of graduate student research: Sergio de Tomas Marin

11/18/2019 Seminar Curt Hines, Ph.D. UNM 4 pm. MSEC 101

Dr. Curt Hines is an assistant professor of Biochemistry and Molecular Biology at the University of New Mexico. His talk is : "Deciphering the malignancy by piecing together the breast: cell by cell."

11/25/2019 Grad Student Presentations 4 pm. MSEC 101

20 minute presentations of graduate student research: Bradley Stevens and Kimberly McNair

12/2/2019 Grad Student Presentations 4 pm. MSEC 101

20 minute presentations of graduate student research: Ashley Chavez and Angelica Cave

4/15/2020 MS Thesis Defense, Bradley Stevens 12:00 pm Zoom

"Evaluation of pyridyl-substituted cystargolide-based beta-lactone proteasome inhibitors."

4/16/2020 MS Thesis Defense, Kimberly McNair 2:00 pm Zoom

"Examining Seasonal Influences on Carbapenem-Resistant *Enterobacteriaceae* Contamination in the Rio Grande"

5/12/2020 MS Thesis Defense, Ashley Chavez 1:00 pm Zoom

"Host Range Determination of Therapeutic Phage Cocktail Against Antibiotic Resistant *P. aeruginosa*"

6/9/2020 MS Thesis Defense, Sergio de Tomas Marin 12:00 pm Zoom

"How do invasive symbiotic N₂-fixing plants impact nutrient cycling and greenhouse gas flux? A study on *Elaeagnus angustifolia* in central New Mexico."