



8:30 a.m. Welcome & Dean's Message

8:48 AM

Rebeckah Rubanowitz, GPB | Faculty Mentor: Devin Coleman-Derr, PMB
Interspecific Influence and Drought Response in the Rhizosphere Microbiomes of Intercropped Sorghum and Squash

9:00 AM

Henry Seaborne, MB + Public Health | Faculty Mentor: Kathleen Ryan, PMB
Investigating Proteome and Surfaceome Changes of Lipid-A Deficient *Caulobacter crescentus*

9:12 AM

Megan Ly, MB | Faculty Mentor: Andrew Dillin | RCNR Faculty Sponsor: Kathleen Ryan, PMB
Naturalistic Bacteria in the Gut Microbiome Regulate Cellular Stress Responses

9:24 AM

Michael Verdolin, MB | Faculty Mentor: Eva Harris | RCNR Faculty Sponsor: Britt Glausinger, PMB
Evaluating the Impact of Serotype Cross-reactive Antibodies Targeting Immunodominant Epitopes on Dengue Virus 2 Infection Outcomes

9:36 AM

Michela Lee, MB | Faculty Mentor: Ethan Boynton | RCNR Faculty Sponsor: Kris Niyogi, PMB
Investigation of Algaenan Biosynthesis in *Nannochloropsis oceanica*

-----BREAK-----

10:00 AM

Dana Jian, MB | Faculty Mentor: Dominique Holtappel
RCNR Faculty Sponsor: Steve Lindow, PMB
Bacteriophages as Microbial Modulators: Interactions and Impacts on a Dual Disease System in Callery Pear

10:12 AM

Alex Farrow, MB | Faculty Mentor: Sven Weber
RCNR Faculty Sponsor: George Roderick, ESPM
Detection of Fungal Diversity Along Invasion Gradients with ITS Sequencing

10:24 AM

Lucas Wobig, MB | Faculty Mentor: Frances Lin | RCNR Faculty Sponsor: Hei Sook Sul, NST
Investigating a Potential Pref-1 Receptor

10:36 AM

Connor Tseng, MEB | Faculty Mentor: Aparna Lakkaraju

RCNR Faculty Sponsor: Karine Gibbs, PMB

The Role of FOXO3 in Regulating Autophagy in Age-Related Macular Degeneration

10:48 AM

Megan Wesche, CRS+S&E | Faculty Mentor: Albert Ruhi, ESPM

Benthic Macroinvertebrate Community Assemblage's Response to Stawberry Creek Restoration Efforts

-----END OF DAY-----

Symposium Judges:

Sheila McCormick,
Joshua Dullaghan

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