



Friday, Dec. 13th, 2024

8:30 AM Dean's Welcome

8:48 AM

Vishal Subramanian, EMF + Statistics | RCNR Faculty Mentor: Christopher Schell, ESPM
Exploring the relationship between urbanization and temporal behavior of mountain lions in the Bay Area

9:00 AM

Kae Bien, CRS | RCNR Faculty Mentor: Kipling Will, ESPM
Evolution of Secondary Sexual Characters in Hypherpes Beetles (Carabidae, Pterostichini)

9:12 AM

Madeline "Aeon" Sweet, MB | RCNR Faculty Mentor: Krishna Niyogi, PMB
Characterization of Freshwater Benthic Diatom Environmental Isolates

9:24 AM

Niloufar Golchini, NMB | Faculty Mentor: Zsofia Torok | RCNR Faculty Sponsor: Holly Ingraham, NST
Mapping the Reproductive State-Driven Localization of the Bone-Building Hormone, CCN3, in Central and Peripheral Organs

9:36 AM

Yuxi Zhang, NMB + MCB | Faculty Mentor: Frances Lin | RCNR Faculty Sponsor: Hei Sook Sul, NST
Role of Transcription factor PU.1 in aging-induced Loss of subcutaneous adipose tissue

9:48 AM

Allison Arnold, NS-PM + MCB | Faculty Mentor: Gary Firestone | RCNR Faculty Sponsor: Jen-Chywan Wang, NST
HECT E3 ligase activity as a target of exogenous small molecule inhibition for cancer treatment and disease mitigation

10:00 AM

Mia B. Franco, CRS + S&E | RCNR Faculty Mentor: Miranda Redmond, ESPM
Whitebark Pine Seed Cone Production and Their Relationship to Long-Term Weather Patterns

BREAK

10:24 AM

Celeste Yen, NS-PM | Faculty Mentor: Steven Hetts | RCNR Faculty Sponsor: Jen-Chywan Wang, NST

Exploring the Impact of Social Determinants of Health on Hereditary Hemorrhagic Telangiectasia Manifestations

10:36 AM

Dennis Jiayang Song, CRS + Rhetoric | RCNR Faculty Mentor: Claudia Carr, ESPM

Celebrating interconnectedness and interdependence will not solve climate change: psychoanalyzing techno-transcendentalism, critiquing Latour's Critical Zone, & thoughts on science education by staring at squirrels

10:48 AM

Tatum Hurley, S&E + Ethnic Studies | RCNR Faculty Mentor: Alastair Iles, ESPM

Infrastructures of Oppression: Mapping Accessibility and Hostile Architecture in East Bay Public Transportation

11:00 AM

Claire Peraldi Decitre, S&E | Faculty Mentor: Jonathan S. Simon | RCNR Faculty Sponsor: Dara O'Rourke, ESPM

Untenable Politics: How the United Kingdom Criminalizes Climate Justice Movements through Public Order Laws

11:12 AM Closing Remarks

11:30 AM Program Ends

Symposium Judges:

Steve Lindow
Sheila McCormick
Sofia Villas-Boas
Keith Gillless

Thanks & special acknowledgement to Sofia Villas-Boas and Jay Sevilla for their organization and contributions to the RCNR Honors Research Program.

Additional thanks to the RCNR advising staff and student worker (Marcus Nara) who put this program together.