



Friday, May 6th, 2022

8:40 a.m. Remarks from Sofia Villas-Boas

8:48 AM

Jeanne Peabody, CRS | RCNR Faculty Mentor: Sunaura Taylor, ESPM

Access Intimacy in the East Bay Regional Parks District

9:00 AM

Kendall Archie, CRS | RCNR Faculty Mentor: Kurt Spreyer, ESPM

'Ike Kupana and Loko I'a: The Role of Ancestral Knowledge in the Revitalization of Hawaiian Fishponds

9:12 AM

Elena Nim, CRS | Faculty Mentor: Sara Mameni, Ethnic Studies | RCNR Faculty Sponsor: Sunaura Taylor, ESPM

In Tagalog, There is No Word for Garden: Notes on the (In)ability of Colonial Languages to Comprehend Indigenous Relationships with Land in Times of COVID-19

9:24 AM

Victoria Osanyinpeju, CRS | Faculty Mentor: Edwin Lin, Sociology | RCNR Faculty Sponsor: Kurt Spreyer, ESPM

Africa is for Sale! How are Large-Scale Land Acquisitions in Nigeria Contributing to Change in Land Markets in the Peri-Urban Regions Near the Lagos Metropolitan Area?

9:36 AM

Fischer Heimburger, CRS | RCNR Faculty Mentor: Kurt Spreyer, ESPM

Urban Food Sovereignty: A Case Study of San Francisco's Mission District

9:48 AM

Karly Ortega, CRS | RCNR Faculty Mentor: Ignacio Chapela, ESPM

Art & Ecology: Cultivating Ecological Identities

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10:12 AM

Cassandra Cardoza, CRS | Faculty Mentor: Elisa Stone, CalTeach | RCNR Faculty Sponsor: Bree Rosenblum, ESPM

Mindful Self-Compassion as a Tool for Adolescent Processing of Human Environmental Impact

10:24 AM

Carrie Guerriero, CRS | RCNR Faculty Mentor: Kurt Spreyer, ESPM

Barriers to Effective Forest Management in Mono County, California

10:36 AM

Simone Stevens, CRS | RCNR Faculty Mentor: Brandon Collins, ESPM
Chasing the Green: Promoting Proactive Municipal Fire Management in California's Wildland-Urban Interface

10:48 AM

Judah Marsden, CRS | RCNR Faculty Mentor: Claudia Carr, ESPM
Community Evaluation of Socio-Ecological Aid in the Deforesting Soylands of Bolivia's Chiquitania

11:00 AM

Helen Guo, CRS | RCNR Faculty Mentor: Kurt Spreyer, ESPM
Doing Justice at the Food-Culture-Education Nexus: A Survey Exploration of UC Berkeley Student Epistemologies and Experiences

11:12 AM

Wilson Sherman, CRS | RCNR Faculty Mentor: Christine Wilkinson, ESPM
The Wildlife Nextdoor: Understanding Human-Carnivore Interactions Using Citizen Reports on Social Media

-----BREAK-----

12:24 PM

Ananya Subramanian, MEB | Faculty Mentor: Nell Green Nylen, Berkeley Law | RCNR Faculty Sponsor: Bree Rosenblum, ESPM
The Weight of Water: Tracing Impacts of Drought Monitoring and Management on Indigenous Communities in the Klamath Basin

12:36 PM

Hayley Slusser, MEB | Faculty Mentor: Kelly Ziemar, Social Welfare | RCNR Faculty Sponsor: N. Louise Glass, PMB
A Content Analysis of How Eating Disorder Recovery is Discussed in the Context of #Self-Love on Social Media

12:48 PM

Kayla Hidayat, EEP | Faculty Mentor: Isabella Todaro, Climate Neutral | RCNR Faculty Sponsor: Sofia Villas-Boas, ARE
Evaluating the Impact of COVID-19 on Sustainable Supply Chain Practices and Corporate Climate Action

1:00 PM

Ellie Kroskirty, EEP | RCNR Faculty Mentor: Sofia Villas-Boas, ARE
Examining the Impact of Native American Welfare Policies on Socioeconomic Well-Being: Evidence from the Indian Reorganization Act of 1934

1:12 PM

Tilak Misner, EEP | RCNR Faculty Mentor: Katherine Wagner, ARE
The Impact of Corporate Emission Disclosures on Emission Reductions

1:24 PM

Mark Braun, EEP | RCNR Faculty Mentor: Sofia Villas-Boas, ARE
Pollution and Fatal Traffic Accidents in California from 1999-2019

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1:48 PM

Laurentia Tjang, MB | Faculty Mentor: Eva Harris, Public Health | RCNR Faculty Sponsor: Britt Glausinger, PMB

Comparative Investigation of Endothelial Dysfunction Mediated by Dengue Virus NS1 and SARS-CoV-2 Spike Glycoproteins

2:12 PM

Chyna Robeson, GPB | RCNR Faculty Mentor: Ben Blackman, PMB

Examining the Effects of Novel Competition and Rising Temperatures Associated with Climate Change in *M. nasutus* and *M. laciniatus*

2:24 PM

Fernanda Rodriguez-Torres, MB | RCNR Faculty Mentor: Britt Koskella, IB | RCNR Faculty Sponsor: Steven Lindow, PMB

Evaluating the Effects of Acquired Phage Resistance in Copper Resistant *Pseudomonas Syringae* pv. *Syringae* Through Experimental Evolution

2:36 PM

Rachel Ong, MB | RCNR Faculty Mentor: Kim Seed, PMB

Bacteriophage Counter-Defenses Against Restriction-Modification Systems in *Vibrio Cholerae* Host

2:48 PM

Jena Shiblak, CRS | RCNR Faculty Mentor: Andreas Stahl, NST

Pathway Analysis and Visual Representation of the HCC and ICC Lipidome

3:00 PM

Lisa Saxton, MEB/CRS | RCNR Faculty Mentor: Patina Mendez, ESPM

California Trichoptera Taxonomy: Examining Species Descriptions and Illustrations

3:12 PM

Jason To, MEB | RCNR Faculty Mentor: Mickey Boakye, ESPM

Investigating the Hydraulic and Mechanical Properties of Ferns Across Clades

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

Symposium Judges:

Laureano Gherardi, ESPM

Lynn Huntsinger, ESPM

Sofia Villas-Boas, ARE

Brian Wright, ARE

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