



Friday, Dec. 8th, 2023

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8 a.m. Dean's Welcome

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8:15 AM

**Claire Hambrick, CRS** | RCNR Faculty Sponsor: Mary Lesser, NST  
Understanding our Food System: An Analysis of Food and Agricultural Policies in California and Their Implications for Urban and Rural Communities

8:27 AM

**Royale Williams, CRS** | RCNR Faculty Sponsor: Peter Nelson, ESPM  
Indigenous Research Methodologies: The Intersections Between Post-Fire Management and Freshwater Management Within the Klamath River Basin

8:39 AM

**Megan Wu, EMF/MEB** | Faculty Mentor: Erin Carroll | RCNR Faculty Sponsor: Benjamin Blonder, ESPM  
Effect of Cytotype on Hydraulic Architecture and Drought Response of Quaking Aspen (*Populus tremuloides*)

8:51 AM

**Aunnesha Bhowmick, MEB** | RCNR Faculty Sponsor: Benjamin Blonder, ESPM  
Cytotype Effect on Plant Hydraulic Strategy: A Case Study of Quaking Aspen

9:03 AM

**Owain Rose, MEB** | RCNR Faculty Sponsor: Damian Elias, ESPM  
Invasiveness Behaviors in Regal Jumping Spiders

9:15 AM

**Abigail Fernandes, MEB** | RCNR Faculty Sponsor: Cecilia Martinez-Gomez, PMB  
The Search for a Second Lanthanide Uptake and Transport System in *Methylobacterium extorquens*

9:27 AM

**Shahar Schwartz, MB** | Faculty Mentor: Dave Savage | RCNR Faculty Sponsor: Dan Portnoy, PMB  
Comparing Inserted Plant Enhancer Activity Based on Disrupted Sequence Conservation and Distance from Transcription Start Site

9:39 AM

**Timothy Kim, MB/Public Health** | Faculty Mentor: Mimi Koehl | RCNR Faculty Sponsor: Kathleen Ryan, PMB

Susceptibility of *C. flexa* to predation by amoeboid predators depending on colony configuration

9:51 AM

**Zaid Ansari, NST** | RCNR Faculty Sponsor: Ashley Reaver, NST

Neuromuscular Activity of the Forearm Muscles in the Deadlift Movement: A Comprehensive Review

-----END OF MORNING-----

## **Symposium Judges:**

Lau Gherardi,  
Sheila McCormick

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