

Fall 2025 ERFSA Luncheon Presentations

September 11

Justin Luong: 2024 Grant Recipient, Assistant Professor, Forestry, Fire and Rangeland Management

“The effect of local solar microgrids on rangeland vegetation and soils”

Solar microgrids may be an important production method to help meet growing clean energy demands but could impact rangeland ecosystems. We evaluated how solar microgrid developments affected the *in situ* plant communities and soil properties of three soil microgrids on coastal prairies in Humboldt county. Initial findings suggest that solar microgrids affected plant communities but did not strongly affect soil biogeochemistry.

<https://justinluong.com/menu/currentresearch.html>

October 9

Silvia E. Pavan: 2024 Grant Recipient, Assistant Professor, Biological Sciences

“An exploratory expedition to Rio Abiseo National Park: revealing a mysterious new species of mammal and garnering genomic resources from a World Heritage Site”

I am broadly interested in biodiversity, and I work with fieldwork exploration and collections-based research to discover and describe species, and to understand small mammals diversity and evolution. I am going to share with you some of the results from an exploratory expedition to Rio Abiseo National Park in Peru. I am investigating the unknown diversity on this World Heritage Site, revealing high endemism and several new species of small mammals. Publication: [The one describing the new species of marsupial](#), and please [follow this link](#) for an outreach publication framing a new marsupial species, described as a result of the project (published last month!).

November 13

(sequential speakers)

12:00 - 12:30 **Amy K. Conley: 2022 Grant Recipient, Lecturer, Education**

“Building community and identity through local language practice”

We aimed to increase a sense of belonging at school, attendance, and connectedness to tribes for indigenous 8th graders by having tribal elders teach greetings and names for local fauna for three local indigenous languages and Spanish. We were successful in our efforts as well as increasing the number of indigenous and non-indigenous students planning to take an additional language as high school freshmen.

https://docs.google.com/presentation/d/1gBEdnWcZKZIKbOrqkdseH-jP-Mxi4Bdb_4pdVA150SE/edit?usp=sharing

12:30 - 1:00 **Morgan Barker: 2023 Grant Recipient, Sustainability Librarian, University Library**

“Sustainable Librarianship - Sustainable Library Certification at Cal Poly Humboldt”

This Certification is helping to define a new and intentional dimension of librarianship. Over the past two years, all Library faculty and staff have been on a collaborative journey toward earning Sustainability Library Certification. Through this collective effort, we have demonstrated just

how deeply library work is woven into the fabric of academics and curriculum, research, and community engagement.

https://libguides.humboldt.edu/sustainability/sustainable_library_certification

December 11

Amy Uyeki and Vicki Ozaki: Team HAPI Members

“Under One Umbrella: Building and Empowering the Community of Humboldt’s Asian and Pacific Islanders”

Since its inception in 2021, Humboldt Asians & Pacific Islanders in Solidarity (HAPI) have worked to empower the Asian American/PI community and amplify diverse voices and perspectives for a more engaged and inclusive future. Team HAPI members Amy Uyeki and Vicki Ozaki will provide an overview of HAPI with current and past projects. One focus will be the Eureka Chinatown Project (ECP) which is reclaiming the dark history of the Eureka Chinatown expulsion and its relevance in our lives today. Plans for the Eureka Chinatown monument will be shared as well as envisioning future projects for both ECP and HAPI.

<https://drive.google.com/file/d/1Zu8sNjDtuQsVJk0rdxHeq6ApHcYLB27E/view?usp=drivesdk>