

Department of Anthropology Twelfth Annual Honors Symposium
Saturday, May 1, 2021, 2:00 – 3:00 pm (Virtual)



Program

Welcome – Dr. Rob Scott, *Undergraduate Director, Anthropology*

HONORS PRESENTERS:

AJ (Alfred) Kelvy

Title: *Wine Production at the Roman Villa near Vacone: A Comparative Analysis*

Advisor: Gary Farney (History, Rutgers Newark)

Major: Evolutionary Anthropology

Minor: Earth & Planetary Sciences

Minor: Archaeology

Second Reader: Dan Cabanes

Lucia Firbas Torres

Title: *Behind the Facades: Haussmannization and Gender through Zola's Paris*

Advisors: Bridget Purcell (Anthropology), Jennifer Tamas (French)

Major: Anthropology

Major: French

Michelle Fan

Title: *Women and Revolution: The Making and Remaking of Hong Kong Ethnic Identity*

Advisor: Pilar Rau

Major: Cultural Anthropology

Minor: Gender and Media

Second Reader: Parvis Ghassem-Fachandi

Gabrielle Rosenthal

Title: *Impacts of wildfire on wild Bornean orangutans*

Advisor: Erin Vogel

Major: Evolutionary Anthropology

Major: Ecology, Evolution, Natural Resources

Second reader: Ryne Palombit

Honors Symposium Award to be announced later.

Thank you for your interest in the work of our students!

Honors Participant: AJ (Alfred) Kelvy
Advisor: Gary Farney (History, Rutgers Newark)
Major: Evolutionary Anthropology
Minor: Earth and Planetary Sciences
Second Reader: Dan Cabanes, Anthropology
Award: High Honors



Title: *Wine Production at the Roman Villa near Vacone: A Comparative Analysis*

Description:

Wine was one of the most important agricultural products of Rome. As a result, there has been an extensive amount written about the archaeological remains relating to Roman wine. However, much of this work focuses on the amphorae evidence rather than the remains of the production equipment. This paper provides an overview of the equipment used for wine production at various Roman sites, mainly focusing on villas, in order to provide a deeper understanding of the wine production that was happening at the villa near the modern-day town of Vacone in the Upper Sabina region of Italy. During the earlier period of the villa's inhabitance, it employed four or five presses for the production of olive oil but in the 2nd century CE a wine pressing set up was built over all but one of the oil presses. This paper examines how the archaeological remains of this wine pressing set up compare to what has been found at other villas as well as how this shift to diversified production fits into a wider shift to localized wine production due to changing economic conditions.

Honors Participant: Lucia Firbas Torres

Advisor: Bridget Purcell (Anthropology)

Advisor: Jennifer Tamas (French)

Major: Anthropology

Major: French

Award: Interdisciplinary Honors



Title: *Behind the Facades: Haussmannization and Gender through Zola's Paris*

Description:

This thesis is centered on an ethnographic study of Emile Zola's naturalist novel, *Pot-Bouille* (1882), in order to analyze the social and gendered effects of "interiorizing" the apartment-building during Haussmannization, a revolutionary urban planning project of the Parisian city (and society) during the mid-19th century. This work contextualizes the societal and psychological unrest that comes from a dissonance between the interior and exterior spheres.

The nuanced dualities of the characters, the patriarchal social expectations, and the way these pressures manifested in the French woman, constitute the focus of this interdisciplinary study of Zola's "apartment building" novel. Ultimately, this thesis serves as a discussion on how Haussmann's uniformist efforts to sanitize the city, both physically and socially, resulted instead in the reliance of the facade. Instead of eradicating the immoral behavior present in society, this manicured dishonesty created a space (the apartment) for the behavior to flourish in supposed secrecy.



Honors Participant: Michelle (Shuxiang) Fan

Advisor: Pilar Rau

Major: Cultural Anthropology

Minor: Gender and Media

Second Reader: Parvis Ghassem-Fachandi

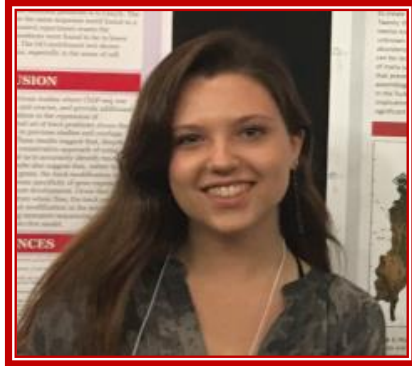
Award: Highest Honors

Title: *Women and Revolution: The Making and Remaking of Hong Kong Ethnic Identity*

Description:

Policy researchers in Hong Kong have noted that within the past decade, young people and university students (between the ages of 18-29) in Hong Kong are less likely to identify as ethnically or nationally Chinese, compared to older generations, and more likely to identify as exclusively Hong Konger, which they have attributed directly to waves of political tensions between Hong Kong and China, and their resulting protests. Missing from the conversation, though, is the gender analysis; there is a lack of research specifically on women's involvement in protests of the past decade, as well as women's identification as Hong Kongers or Chinese.

This thesis addresses these glaring omissions by examining ten years' worth (from 2010-2020) of data from the Hong Kong University Public Opinion Programme and the Hong Kong Public Opinion Research Institute through a gendered lens, comparing women's identification with the total population's identification, while detailing other relationships between gender and age, wealth, and place of birth. This research exposes the startling lacunae of gender analyses within the existing literature on civil unrest and democracy movements in Hong Kong, and the importance of including women's experiences and voices in the study of political conflict, nationalism, and the fracturing and rebuilding of ethnic identity.



Honors Participant: Gabrielle Rosenthal
Advisor: Erin Vogel
Major: Evolutionary Anthropology
Major: Ecology, Evolution and Natural Resources
Second Reader: Ryne Palombit
Award: Highest Honors

Title: *Impacts of wildfire on wild Bornean orangutans*

Description:

Wildfire events in Southeast Asia are increasing in frequency and intensity with climate change and land use change. Wildfires release particulate matter that has been shown to have many negative health effects in humans including respiratory and cardiac diseases. However, little research has been done on the effects of wildfire smoke on other mammals. This project investigates how an intense wildfire event during 2015 affected wild Bornean orangutans (*Pongo pygmaeus wurmbii*) at the Tuanan Research Station in Borneo, Indonesia.

The activity budgets of the orangutans were analyzed to determine whether their behavior changed before, during, and after the smoke period. Urine samples were also analyzed for cortisol levels, an indicator of stress, and urinary C-peptide levels, a marker of energy balance. The results showed that orangutans spent less time feeding and more time resting and moving during and after the fires. In addition, the orangutans had higher cortisol levels and lower C-peptide levels during and after the smoke period. These results indicate that the orangutans are significantly impacted by wildfires and likely experience health effects causing increased immune function and energetic stress. This study contributes to a more complete understanding of the threats faced by wild orangutan populations due to wildfires and can inform conservation policy.