



SHOWCASE OF
UNDERGRADUATE
RESEARCH
EXPERIENCES

Fall 2019

Wednesday, October 30, 2019

Cohen Center



FLORIDA
GULF COAST
UNIVERSITY

Schedule of Presentations

Cohen Center 247A - Social Sciences & Humanities

10:00 – 10:30 **Health Effects of Student Welfare Stigma at Florida Gulf Coast University**

Student Presenters: Emma Hoelscher & Linda Mazanet, Anthropology

10:30 – 11:00 **Combating and Policing Campus Hate Crime: Protecting the Nest (“Report”)**

Student Presenter: Haley Kinart, Philosophy

11:00 - 11:30 **A Hermeneutic Investigation into Mathematics Education**

Student Presenter: Malari Edwards, Philosophy

11:30 – 12:00 **Sexual Attitudes**

Student Presenter: Kali Cage, Psychology

12:00 – 12:30 **Sustainable Roadways**

Student Presenter: Autumn Crosley and team, Communities in Transition

12:30 - 1:00 **Mental Health Disparities within an Indigenous Population**

Student Presenter: Jaylin Rodriguez, Psychology and Communication

1:00 – 1:30 **Observing Early STEAM Practices at Little Eagles Learning Center-Our Takeaways from Summer Research and Service Opportunity**

Student Presenter: Leslie Gallegos, Child and Youth Studies

1:30 – 2:00 **A Theory of Personal Excellence**

Student Presenter: Taylor Navan, Accounting and Supply Chain Management

Cohen Center 247C - STEM

10:00 – 10:30 **Influence of Dissolved Humic Compounds on K. Brevis Cell Viability, Intracellular Brevetoxin Concentrations and Brevetoxin Aerosolization**

Student Presenter: Mark Leone, Biology

10:30 – 11:00 **Effect of Human Development on the Herpetofauna Community in the Peruvian Amazon**

Student Presenter: Alexander Marsh, Biology

11:00 - 11:30 **Break**

11:30 – 12:00 **Photometric Amplitudes with the TESS mission**

Student Presenter: Hannah Andrews, Software Engineering

12:00 – 12:30 **Graphing Limited Attention Span**

Student Presenter: Alyson Baumgardner, Mathematics

12:30 - 1:00 **Water Energy Food Nexus**

Student Presenter: Amy He, Civil & Environmental Engineering

1:00 – 1:30 **The Firefighter Problem: Burning in New Directions**

Student Presenter: Timothy Nail Mathematics

1:30 – 2:00 **Placement of solar panels to provide enough electricity for an average house in Florida**

Student Presenter: Viktoriya Bardenova, Mathematics

Cohen Center Ballroom B - Visual & Performing Arts

10:00 – 10:30 **Re-examining the Mozart Effect: The Sonata in D Major, K. 488 and the Influence of Rhythm on Spatial Intelligence**

Student Presenter: Wendi Y. Shi, Music Therapy

10:30 – 11:00 **Elementary Music Education: A High School Education Perspective**

Student Presenter: Eduardo Ortega, Music Education

11:00 - 11:30 **Italian Music Therapy and the Southern Historical Connection**

Student Presenter: Josselyn Ruwe, Music Therapy

11:30 – 12:00 **Honest Plagiarism: an analysis on Mozart's Piano Sonata in C Minor, K. 457 considering the Importance of Creative Influence**

Student Presenter: Mallory Hornberger, Music Therapy

12:00 – 12:30 **"The Town Cries": Rosa Mercedes's way to cultural identity in the Lima of the late 1900s**

Student Presenter: Paula Alva Garcia, Music Performance

12:30 - 1:00 **Light Scrutinized by Sound: Dr. Cyrus Teed Vs. Sir Isaac Newton**

Student Presenter: Gabrielle Goral, Music

1:00 – 1:30 **"Context to the Commune" - Humanizing the Koreshans**

Student Presenter: Mauricio Mella, Music Performance

1:30 – 2:00 **A Cultured Cult: The Koreshan Unity of Estero, FL**

Student Presenter: Manessa Abraham, Music

Cohen Center 247B

Professional Development Sessions

10:00 - 10:30 **Competitive Grants and Scholarships**
Dr. Terumi Rafferty-Osaki
Director, Office of Competitive Fellowships

10:30 – 11:00 **Writing for Publication**
Jamie Kramer
FGCU Graduate Student and Writing Center Coach

11:00 - 11:30 **Finding a Research Mentor**
Jaclyn Chastain
Coordinator, Office of Undergraduate Scholarship

11:30 – 12:00 **IRB/Ethical Review**
Dr. Charles (billy) Gunnels
Director, Office of Undergraduate Scholarship

12:00 – 2:00 **Snack and Coffee Break**

Cohen Center Ballroom A

Panel Presentations

10:00-12:00

Snack and Coffee Break

12:00 – 1:00

“Voices Boricuas” - Student and Faculty Panel

Undergraduate Students

Paola Reyes Serrano, ‘Effects of the Diaspora: Returning Home After Maria’

Bobby Georganes, ‘UFO’s, Aliens, and the In Search of Evidence’

Sylver Layer, ‘Riches of the Caribbean Island: A Public Relations Spin’

Lina Ramirez, ‘The Intersection of Communication and Ecology; Seeking Common Ground’

Faculty

Jon Braddy, Assistant Professor of Communication Studies

Marta Ramos, Assistant Professor of Language, Spanish

Win Everham, Professor of Ecological Sciences

Video

Gunnar Gibson, ‘Voices Boricuas,’ A Teaser

1:00 – 2:00

Faculty Panel- What Does Research Look Like?

Faculty members from across the university at FGCU will share examples of what research, scholarship and creative endeavors can be in their disciplines. Students will learn more about how they can make original contributions to knowledge in their areas of study and will have a chance to ask questions and interact with the panel.

Facilitator -

Business - Tom Smythe

Education - Tunde Szecsi

Engineering - Seneshaw Tsegaye

Humanities- Carolyn Culbertson

STEM- Erik Insko

Social Sciences - Melodie Eichbauer

Arts & Music - Chris Endrinal

Health - Maka Tsulukidze