

PSC STUDENT SCHOLAR SYMPOSIUM:

SCHEDULE

DECEMBER 1ST

- 8:30-9AM** PSC GUITAR ENSEMBLE STUDENTS: Sienna Hudak and Francisco Segovia in the 1ST FLOOR ATRIUM
- 9:00-9:30AM** OPENING REMARKS BY DR. MEADOWS AND GROVER ROBINSON, IV IN ROOM 109
- 9:45-11:00AM** POSTER AND PROTOTYPE SESSIONS IN THE 1ST AND 2ND FLOOR ATRIUMS
- 9:45AM-2PM** INDIVIDUAL AND PANEL PRESENTATIONS IN ROOMS 109, 122, 126, 127, 129

***ALL SESSIONS LOCATED IN THE BAARS TECHNOLOGY BUILDING
BUILDING 1, PENSACOLA CAMPUS***

PLEASE SCROLL DOWN FOR PRESENTATION SCHEDULE BY ROOM

SYMPOSIUM SCHEDULE BY ROOM:

Room 109: Humanities and Literature

Moderator(s): Kathy Van Dyck (10am-12pm) and Melissa Davis (12pm-2pm)

Presentation Time:	Title of Presentation:	Name of Presenter:	Faculty Mentor:
9:00-9:30am	Opening Ceremony	Dr. Meadows and Grover Robinson, IV	NA
10:00-10:15am	"Prison Art Programs: Therapy and Recidivism"	Alexander Johnson	Faculty Mentor and Co-author: Dr. Chris Satterwhite
10:30-10:45am	"Ibogaine and Its Impact on Addiction"	Jackson Clyde	Richard Dunn
11:00-11:15am	"How Alcohol Abuse Affects Women Who've Experienced Stress and Trauma"	Katherine Beckman	Richard Dunn
11:30-11:45am	"A Partnership Against Economic Discrimination: The Shocking Alliance of Booker T. Washington and WEB DuBois"	Shyan Fredrickson	Dr. Tom Barber
12:00-12:15pm	Performance Piece: "The Importance of <i>The Federalist Papers</i> "	Gabe Martin	Lauren Baugus
12:30-12:45pm	"The Maenads: Followers of Dionysus and Their Influence on Modern-Day Feminism in Greece"	Abigail Hrabar	Julie McGrath
1:00-1:15pm	"Origins of Gargoyles in Gothic Architecture"	Tyrone D. McMillian	Julie McGrath
1:30-1:45pm	"Anime: What's the Difference?"	Krystal Locke	Julie McGrath

SYMPOSIUM SCHEDULE BY ROOM:

Room 129: Natural Sciences

Moderator(s): Susan Giannakis (10am-12pm) and Shelby Hillis (12pm-2pm)

Presentation Time:	Title of Presentation:	Name of Presenter:	Faculty Mentor:
10:00-10:15am	"Modelling in Computational Neuroscience"	Dylan Wright	Co-author and faculty mentor: Dr. Shusen Pu
10:30-10:45am	"Homeostasis, Humanity, and Anesthesia: How Anesthesia Affects Homeostasis within Our Bodies"	Morgan Joiner	Susan Giannakis
11:00-11:15am	"Arctic Amplification Drivers and Their Effects on the Mid-latitude Polar Jet"	Erin McCafferty	Co-author and faculty mentor: Dr. Jason Ortegren
11:30-11:45am	"PFAS Found in the Pensacola Water Supply"	Tania Perez	Dr. Tim Hathway
12:00-12:15pm	"A Philosophical Approach to Pain: Hans-Georg Gadamer on Health, Illness, and Recovery"	PSC Faculty Member: Dr. Alexander Crist	NA
12:30-12:45pm	"What Makes Water Taste Good"	Hannah Kilburn	Dr. Tim Hathway
1:00-1:15pm	"How Fast Does the Apple Fall? Pensacola's Gravity Value"	John McCleod (Physics II)	Dr. Randall McClellan
1:30-1:45pm	"How Nitrogen Cycle Bacteria Present in an Okaloosa County Agricultural Pond"	Kaitlyn Sutton and Lana Sartain	Dr. Tim Hathway

SYMPOSIUM SCHEDULE BY ROOM:

Room 126: History

Moderator(s): Sara Smith (10am-12pm) and Scott Schackmann (12pm-2pm)

Presentation Time:	Title of Presentation:	Name of Presenter:	Faculty Mentor:
10:00-10:15am	"The Conflict of Liberty: The Relationship Between Personal Liberty and Collective Liberty Through Lincoln's Presidency"	Hunter Ramos	Dr. Tom Barber
10:30-10:45am	"Spanish Flu Epidemic: Responses and Connections"	Asia Schofield	Dr. Tom Barber
11:00-11:15am	"Medical Advancements During the Civil War"	Gabe Martin	Dr. Tom Barber
11:30-11:45am	"All Consuming: The History and Cultural Impact of Tuberculosis in the American West"	Derek Smith	Dr. Tom Barber
12:00-12:15pm	"The Downfall of the Pullman Strike: The Relationship Between Labor and Big Corporations"	Evan Klein	Dr. Tom Barber
12:30-12:45pm	"The Manhattan Project"	Tyler Maynard	Dr. Tom Barber
1:00-1:15pm	"Atrocities in the Shadows: Sterilization Abuse Against Marginalized Populations"	Kris Rafdahl	Dr. Tom Barber
1:30-1:45pm	"How the Opioid Crisis Affected Pain Management"	Hannah Kilburn	Dr. Tom Barber

SYMPOSIUM SCHEDULE BY ROOM:

Room 122: Literature

Moderator(s): Christine O'Donnell (10am-12pm) and Lauren Baugus (12pm-2pm)

Presentation Time:	Title of Presentation:	Name of Presenter:	Faculty Mentor:
10:00-10:15am	"How Euripides' <i>Medea</i> Mirrors the Immigration Crisis"	Amaya Stallworth	Lauren Baugus
10:30-10:45am	"Digging in the Trash: Action Precedes Solution"	Hunter Ramos	Lauren Baugus
11:00-11:15am	"The Unbreakable Cycle of Poverty in <i>Winter's Bone</i> "	Yana Ramos	Lauren Baugus
11:30-11:45am	"The Immortal Dead: An Analysis of Death and Legacy in <i>The Epic of Gilgamesh</i> "	Damien Cruikshank	Lauren Baugus
12:00-12:15pm	"How We Can Cultivate Equality in the Education System"	Rachel Michelle King	Lauren Baugus
12:30-12:45pm	"Serving Humanity Through Agricultural Support"	Kaitlyn Ann Sutton	Lauren Baugus
1:00-1:15pm	"Capstone: An Organization for Humanity"	Katherine Beckman	Lauren Baugus
1:30-1:45pm	"Human Connections Across the Prime Meridian: Ancient Greek Influences on Japanese Society Through Literature in the Meiji and Post-Meiji Periods"	John McLeod	Lauren Baugus

SYMPOSIUM SCHEDULE BY ROOM:

Room 127: Panel Presentations, Earth and Environmental Science Individual Presentations

Moderator(s): Melissa Sears (9:45am-11am) and Tim Hathway (11pm-1:15pm)

Presentation Time:	Title of Presentation:	Name(s) of Presenters:	Faculty Mentor:
9:45-10:15am	Graphic Design III PANEL: "Sub-branding an Already Established Name Brand"	Dillon Doyle Sherrie Drisdell Ashley Gray Katelyn Post Megan Rathmann Aries Stewart Enrique Viveros Jaden Wilson	Dr. Francesco V. Donato
10:20-10:50am	PANEL: "Aerospike Base Design for Low Drag Projectiles"	Julia Kondratyev	Faculty Mentor and Co-author: Dr. John Stutz
11:00-11:30am	PANEL: Phi Theta Kappa, Theta Chi Chapter Presents "The Benefits of Play Therapy among Adolescents with Autism in Pensacola"	Jackson Clyde, Damien Cruikshank, Hannah Kilburn, John McLeod, and Hunter Ramos	Jeff Wooters
11:30-11:45am	"Hazard vs. Risk: How to Assess the Toxicity of Pensacola's Drinking Water"	John McLeod	Dr. Tim Hathway
12:00-12:15pm	"Flint, Michigan: Is Retribution Possible?"	Deane Mungle	Dr. Tim Hathway
12:30-12:45pm	"Facts vs fiction in the 'Save the Blackwater' Campaign"	Davi Custodio	Dr. Tim Hathway
1:00-1:15pm	<i>"Cleopatra VII and the Utilization of Intimate Relationships to Achieve Political Gains"</i>	Ruby Stake	Julie McGrath

SYMPOSIUM SCHEDULE: POSTERS, ARTWORK, AND PROTOTYPES 9:45-11:00AM

Room: ATRIUM (1st and 2nd floors)

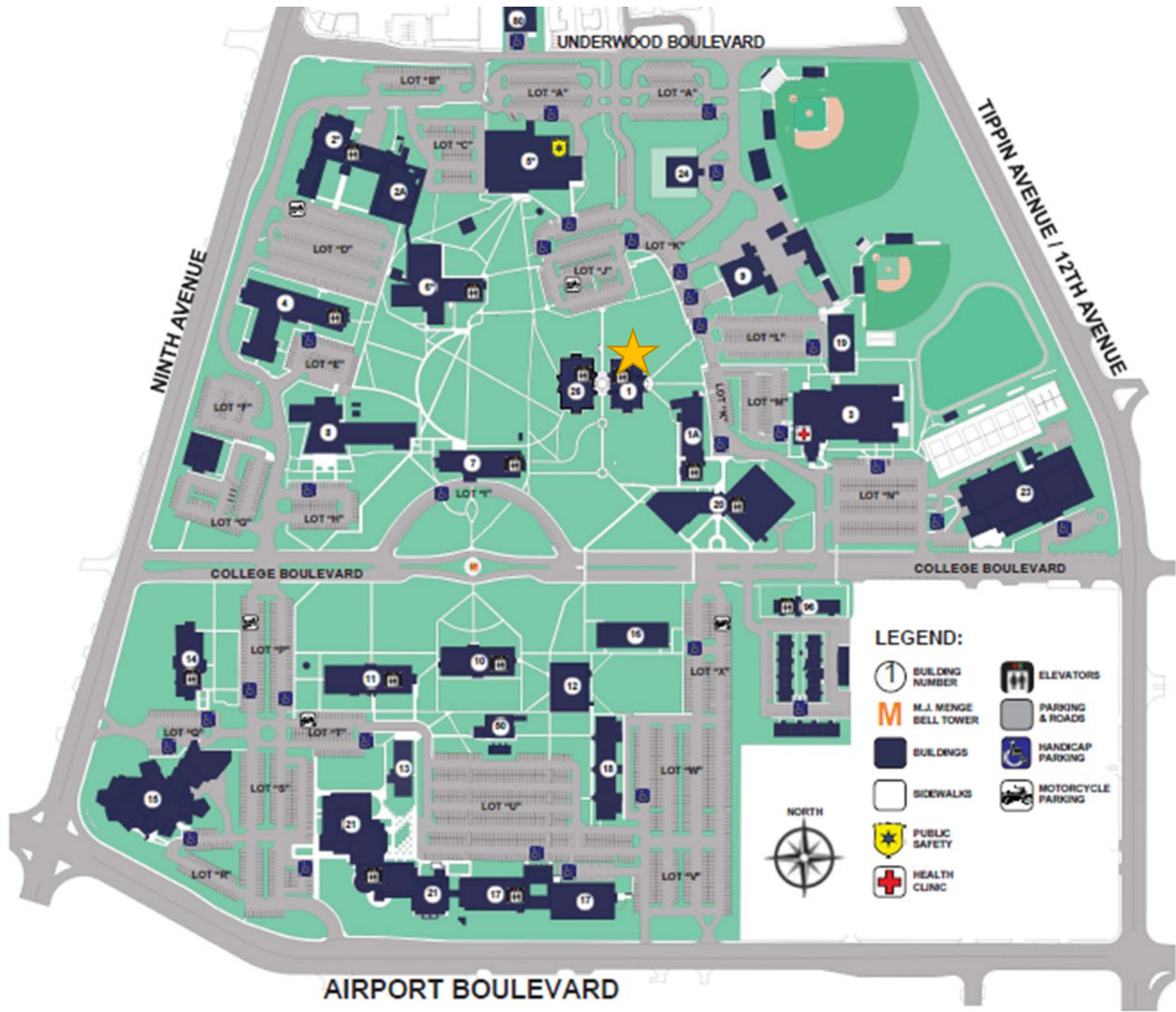
Moderators: Amber Carey and Susan Robbins

POSTER PRESENTERS: Should be there to set up for their presentations in the Atriums on the 1st and 2nd floor by 9:15am, or before the Opening Remarks, and ready to present around 9:30 or 9:45am

Presentation Area:	Title of Presentation:	Name of Presenter(s):	Faculty Mentor:
Atrium	<i>Stuck in the system – Foster care to Juvie to jail</i>	Brianna N Long	Thesis Advisor: Dr. Eric Schade
Atrium	<i>Optimizing primers for DNA extraction of nifH - Do epiphytes play a role in N fixation</i>	Isabella Orrantia Marmol	Faculty Mentor and Co-author: Dr. Jane Caffrey Co-authors: Lacey Bowman and Dr. Lisa Waidner
Atrium	<i>Synthesis of a large macrocyclic amine for enzyme mimic studies</i>	Vu Pham	Faculty Mentor and Co-author: Dr. Ajay Lajmi
Atrium	<i>Macrocyclic amine synthesis – In search of improved methods</i>	Derek Savoie	Faculty Mentor and Co-author: Dr. Ajay Lajmi Co-author: Josh Legaspi
Atrium	<i>The rise of marginalized representation in equestrian media</i>	Lexi Miller	Faculty mentor and Co-author: Dr. Willie Tubbs
Atrium	<i>Determining hydroxyl radical production and arsenic contamination in Pensacola marinas</i>	Kayla Spencer	Faculty mentor and Co-author: Dr. Pamela Benz
Atrium	<i>Capstone as thesis</i>	John Cole Hollifield	Thesis Advisor: Dr. Shelby Solomon
Atrium	<i>Changes in extreme dew point temperature occurrences in the Southeastern USA: 1948-2022</i>	Kayla Chatman	Faculty mentor: Dr. Jason Ortegren

Atrium	<i>Nutritional variation in farm vs. store eggs</i>	Caroline Gibbs and Zach Bercier	Faculty mentor and Co-author: Dr. Karen Barnes
Atrium	<i>Neurophysiological alpha wave entrainment in the flash visual evoked potential P2 (FVEP-P2)</i>	Nadia Mrahi and Angelique Jefferson	Faculty mentor and Co-author: Dr. James Arruda
Atrium	<i>Quantification of microplastics in Atlantic ghost crabs (Ocypode quadrata) along the Florida Gulf Coast</i>	Brianna Nicholson	Faculty mentor and Co-author: Dr. Alexis Janosik
Atrium	<i>Analysis of acetaminophen using cyclodextrin enhanced matrix-assisted laser desorption/ionization mass spectrometry</i>	Mikayla Swatscheno	Faculty mentor and Co-author: Dr. Karen S. Molek Co-authors: Elijah D. Mayo, Victoria Drake, Rosemary Nguyen, Brianna Johnson, Jonathan E. Hobbs, Joey C. Peterson, Kilea A. Yetter
Atrium	<i>The University of West Florida campus ecosystem study: light availability, soil texture, and soil seed banks in hardwood- versus pine-dominated forests</i>	Leo Young	Faculty mentor and Co-author: Dr. Frank Gilliam
Atrium	<i>Autonomous navigation and obstacle avoidance using quadruped robotic platform in unstructured and dynamic environments</i>	Stephane Lee	Faculty mentor and Co-author: Dr. Hakki Erhan Sevil
Atrium	<i>Synthesis of benzo[b]thiophene derivatives with potential antimicrobial activity</i>	Mekenzie Petersen	Faculty mentor and Co-author: Dr. Prerna Masih Co-authors: Maria J. Peña Bú and Terelan Le
Atrium	<i>Herbs: Are they toxic? Is fresh best?</i>	Michele Foulkrod, Brianna Meredith, and Shane Miller	Faculty mentor and Co-author: Dr. Karen Barnes
Atrium	<i>Kitten "Carb-mageddon": Unmasking the carbohydrate conundrum in cat nutrition</i>	Danika Scheffler	Faculty mentor and Co-author: Dr. Karen Barnes Co-authors: Danika Scheffler, Jojo Agro, Jennifer Willis, and Steven Varnum

Atrium	<i>Soda-lightful: The determination of natural and artificial flavors in carbonated beverages</i>	Alana Davis and Madison Tarrance	Faculty mentor and Co-author: Dr. Karen Barnes
Atrium	<i>Determination and comparison of xanthophyll carotenoid concentration in vegetables after various cooking methods through high-phase liquid chromatography</i>	Madison Tarrance	Faculty mentor and Co-author: Dr. Karen Barnes
Atrium	<i>Humanity through "The Hunger Games"</i>	Shelby Smith	Lauren Baugus
Atrium	<i>Artwork: Self-reflection</i>	Ivy Savannah Crosby	Lauren Baugus
Atrium	<i>Water and your plants: The effects of distilled, spring, tap, and carbonated mineral water on houseplants</i>	Courtney Stokes	Dr. Tim Hathway
Atrium	<i>Red light, green light: The dangers of letting the filter turn red in public schools</i>	Katherine Faye Peppers	Dr. Tim Hathway
Atrium	<i>The canvas of change: Art as a catalyst for transformation in Roman culture</i>	Joshua Ibanez	Julie McGrath
Atrium	<i>Serving the plate of justice: Volunteering for equality at Waterfront Mission</i>	Joshua Ibanez	Lauren Baugus



LEGEND:

-  BUILDING NUMBER
-  M.J. MENGE BELL TOWER
-  BUILDINGS
-  SIDEWALKS
-  PUBLIC SAFETY
-  HEALTH CLINIC
-  ELEVATORS
-  PARKING & ROADS
-  HANDICAP PARKING
-  MOTORCYCLE PARKING



AIRPORT BOULEVARD