THE SUMMER UNDERGRADUATE RESEARCH PROGRAM (SURP) HAS GIVEN ME THE OPPORTUNITY TO BUILD CONNECTIONS WITH PROFESSORS ON CAMPUS AND PURSUE RESEARCH AT MY UNIVERSITY. I'VE LEARNED VALUABLE FIELD SURVEY SKILLS, HOW TO COMMUNICATE EFFECTIVELY WITH MY LABORATORY TEAM, AND IT HAS INSPIRED ME TO CONTINUE FURTHER RESEARCH HOPEFULLY AT THE GRADUATE LEVEL.



- Sierra Landreth, December 2022 Dr. Susan Piacenza, Mentor

Photos taken of green sea turtles by Sierra Landreth at the Navarre Beach Fishing Pier during field surveys.

Presentation panel #19.

SURP HAS HELPED ME BUILD VALUABLE PROFESSIONAL SKILLS THAT ARE EXTREMELY USEFUL IN MANY DIFFERENT PRACTICES. IT HAS ALSO GIVEN ME THE OPPORTUNITY TO WORK ON A PROJECT THAT I HAVE HAD ON MY MIND FOR QUITE A LONG TIME THAT HAS A LOT OF POTENTIAL.

- Matt Carlson, December 2021 Dr. Christopher Varney, Mentor

Presentation panel #2



SURP HAS ALLOWED ME TO HEAVILY ADVANCE MY
PHYSICAL LAB SKILLS AND TEACH ME HOW TO BE MORE
RESOURCEFUL WITH MY TIME AND ENERGY.

- Cooper Catalani, Spring 2023 Dr. Hui-Min Chung, Mentor

Cooper Catalani reseraching fruit flies in Dr. Chung's lab
Presentation panel #9

uwf.edu/hmcse 850.474.2688

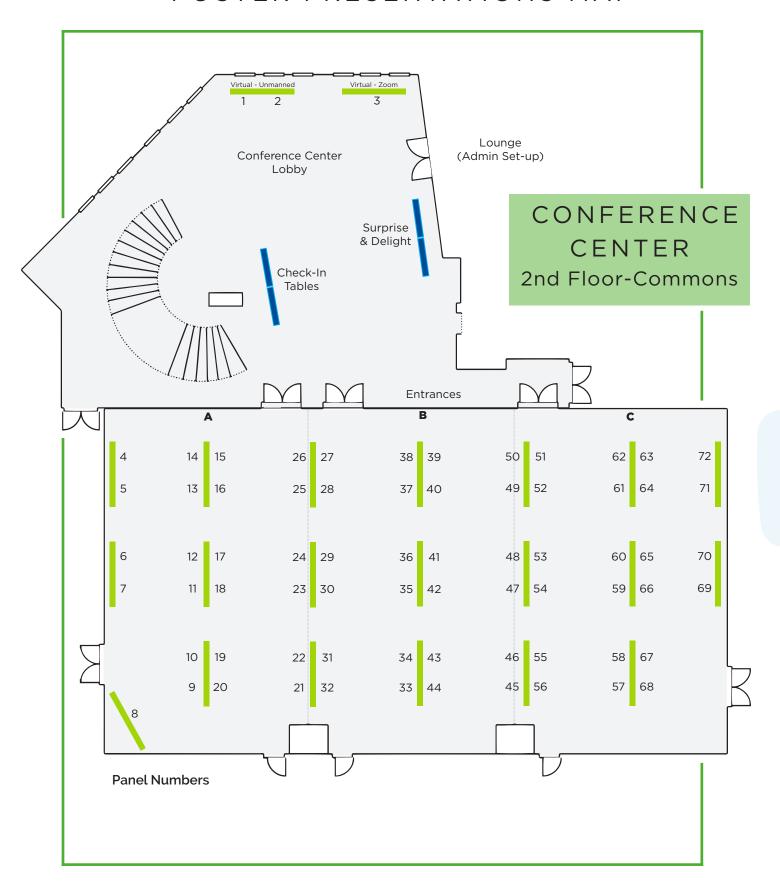




SURP

SUMMER UNDERGRADUATE RESEARCH PROGRAM

POSTER PRESENTATIONS MAP



FUNDING FOR MANY OF THE PROJECTS CAME FROM THE FOLLOWING ENDOWMENTS:

AppRiver

Burr Family

Hal Marcus

Mullet Family

Office of Undergraduate Research (OUR)

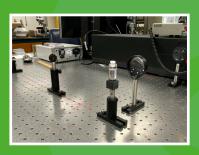
National Institutes of Health (NIH)

SURPRISE & DELIGHT:

Be sure to stop in the lobby to say thank you to the Pensacola Section of the American Chemical Society for providing a special treat from Smallcakes: A Cupcakery & Creamery in Pensacola.

The Hal Marcus College of Science and Engineering (HMCSE) celebrates student-centered research by our faculty and research staff. The 2021 Summer Undergraduate Research Program (SURP) is the seventh year in which we have invested in an intensive undergraduate research experience requiring selected students to devote 250 or more hours to a research project under close supervision of a faculty mentor.

Additionally, HMCSE faculty mentor undergraduate and graduate students over the summer and throughout the year in other programs, from course-based research to graduate thesis projects. Thank you for joining us for today's celebration of all HMCSE and OUR summer research efforts by our faculty, staff, and students.





Poster Session

10:00 a.m. - 12:00 p.m. UWF Conference Center

Poster presentations are listed by department with the student's **Panel #** (see map to the left) next to their name.

Jeanell Varnadore

Scoliosis, Kyphosis, Lordosis: Frequencies in the New Mexico Decedent Image Database

Faculty Mentor(s): Dr. Allysha Winburn, CASSH-Anthropology Funding or other research support: OUR Student College: CASSH - Anthropology

Genna Edwards

Variability in SUID Determinations: Resource Limitations, Perceptions of Bias/Noise, or Emotional Factors Influencing Sleep-Related Infant Death Reporting in Florida

Faculty Mentor(s): Dr. Meredith Marten, CASSH-Anthropology Funding or other research support: OUR Student College: CASSH - Anthropology

Zharivah James

Abfraction Lesions: Analyzing the Cause by Identifying Similarities

Faculty Mentor(s): Dr. Allysha Winburn, CASSH-Anthropology Funding or other research support: OUR Student College: HMCSE - Biomedical Sciences

My participation in SURP has improved my knowledge in not only my discipline, but also a discipline I did not know I was interested in. I did not think I could ever achieve this, especially while an undergraduate, and I am more confident in my work. I feel more professional, self-assured, and I believe I have something over my peers since having this experience. Working with an amazing faculty mentor showed me that I can achieve a lot through this program. You can start your professional career before even getting your degree.

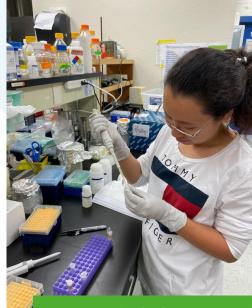
Allie Linkous Modulating Calpain Activity by LSEAL Co-Author(s): **Maddy Scott, Sydney Truax** Faculty Mentor(s): Dr. Rodney Guttman, HMCSE-Biology

Funding or other research support: OUR Student College: HMCSE-Biomedical Sciences

Adrian Moreno

Investigating the Microbial Variants in Kombucha and Its Effect on Reproduction and Motor Activity in Drosophila melanogaster

Faculty Mentor(s): Dr. Hui-Min Chung, HMCSE-Biology Funding or other research support: Mullet Family Endowment Student College: HMCSE-Chemistry/Biochemistry



Sunny Doan researching fruit flies in Dr. Hui-Min Chung's biology lab.

Cooper Catalini

The Effect of Alcohol Dehydrogenase Enzyme Activity in Maintaining Health of Fruit Flies

Co-Author(s): **Sunny Doan**

(picture on back cover)

Faculty Mentor(s): Dr. Hui-Min Chung, HMCSE-Biology Funding or other research support: AppRiver Student College: HMCSE-Biomedical Sciences

Adrienne Eslaquit #15

Comparison of fish communities at recently developed vs. established artificial reefs in the northern Gulf of Mexico

Faculty Mentor(s): Dr. Susan Piacenza, HMCSE-Biology Funding or other research support: AppRiver Student College: HMCSE-Marine Biology

Makailyn Hernandez

Metabolic Temperature Sensitivity of Different Species of Killifish (Fundulus spp.)

Co-Author(s): **Lauren Bantista**, Dr. Wayne Bennett Faculty Mentor(s): Dr. Wayne Bennett, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Marine Biology

Lauren Bednaroski

Validating sea turtle morphometrics by comparing manual and remote measurements of individuals held at rehabilitation facilities across the state of Florida via stereo-video cameras

Co-Author(s): **Emma Roberto**

Faculty Mentor(s): Dr. Susan Piacenza, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Marine Biology

Lauren Bednaroski swims next to a sea turtle during her research.

Dhanvi Patel Analyzing CSF Tau Concentrations in Alzheimer's Disease and Control Patients

Faculty Mentor(s): Dr. Rodney Guttman, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Biomedical Sciences



Carolyn Hornfeck

#17

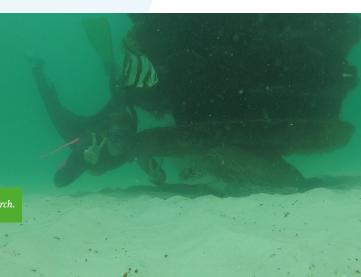
Identifying Trophic Structures and Roles of Elasmobranchs using Environmental DNA and Metabarcoding

Co-Author(s): Melissa Schreiner, Bailey Walkinshaw

Faculty Mentor(s): Dr. Alexis Janosik, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Marine Biology

Sierra Landreth Creating a Sea Turtle Photograph Identification Database at Navarre Beach Pier

Co-Author(s): Dr. Susan Piacenza Faculty Mentor(s): Dr. Susan Piacenza, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Marine Biology (picture on back cover)





Jackson Reimer

Does fishing pier environmental footprint influence sea turtle occupancy and bycatch?

Co-Author(s): Lauren Bednaroski, Emma Roberto, Tabitha Siegfried,

Christopher Noren, Dr. Susan Piacenza

Faculty Mentor(s): Dr. Susan Piacenza, HMCSE-Biology Funding or other research support: OUR

Student College: HMCSE-Biology

Terelan Le

Creating a Sea Turtle Photograph Identification Database at Navarre Beach Pier

Co-Author(s): **Kieu Tran**, Dr. Prerna Masih, Dr. Tanay Kesharwani Faculty Mentor(s): Dr. Prerna Masih, HMCSE-Biology Funding or other research support: Hal Marcus Endowment Student College: HMCSE-Biomedical Sciences



Jordan Kleinschmidt Regeneration in Marine Sponge Species

Faculty Mentor(s): Dr. Alexis Janosik, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Marine Biology

Elizabeth Everett Biofilm: The New Threat of Marine Litter

Faculty Mentor(s): Dr. Alexis Janosik, HMCSE-Biology Student College: HMCSE-Marine Biology

Co-Author(s): **Heather Patten**, Dr. Frank Gilliam Faculty Mentor(s): Dr. Frank Gilliam, HMCSE-Biology Student College: HMCSE-Environmental Sciences

Naomi Semaan

Investigating the Molecular Nature of Light and Alcohol responding genes in Donax variabilis

Faculty Mentor(s): Dr. Hui-Min Chung, HMCSE-Biology Funding or other research support: Mullet Family Endowment Student College: HMCSE-Biomedical Sciences



Andrew Brown Exploring Marine Phage Hunting Using Host-Specific and Metagenomic Approaches

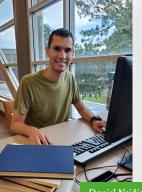
Co-Author(s): **Emma Roberto** Faculty Mentor(s): Dr. Hui-Min Chung, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Marine Biology

Bailey Walkinshaw

Turning to natural samplers: exploring the potential of sponges as a reservoir for environmental DNA

Co-Author(s): **Samantha Engster**

Faculty Mentor(s): Dr. Alexis Janosik, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Marine Biology



Daniel Neidigk #1 (virtual) Writing Project on Directed **Evolution to Develop a Treatment** for Alzheimer's Disease

Co-Author(s): Dr. Rodney Guttman Faculty Mentor(s): Dr. Rodney Guttman, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Biomedical



Hunter Rider

A Race Against Time: Detecting the River Redhorse in the Escambia River using environmental DNA Metabarcoding

Faculty Mentor(s): Dr. Alexis Janosik, HMCSE-Biology Funding or other research support: OUR Student College: HMCSE-Biology

Angelina Walling Exploring Environmental and Pathogenic Microbial Diversity within our Community Co-Author(s): Aliyah Sylvester Faculty Mentor(s): Dr. Jeanetta Floyd, HMCSE-Biology Funding or other research support: OUR Student College: UKCOH-Psychology



ENVIRONMENTAL DIAGNOSTICS & BIOREMEDIATION (CEDB) FOR CENTER

Courtney Collins reserach focuses on how to improve coral

Courtney Collins

survival rates during times of increased water temperatures

The Removal and Reintroduction of Symbiodiniaceae in Montipora carpicornis

Co-Author(s): **Anthony Alberda**, Dr. Jane Caffrey Faculty Mentor(s): Dr. Jane Caffrey, HMCSE-CEDB Funding or other research support: OUR Student College: HMCSE-Marine Biology

Hope Ebert

Water Quality at Bruce's Beach

Co-Author(s): **Julianna O'Bar,** Dr. Jane Caffrey Faculty Mentor(s): Dr. Jane Caffrey, HMCSE-CEDB Funding or other research support: OUR Student College: HMCSE-Graduate Student, Biology

Alexia Figueroa Short Term Variability in Sulfide Levels and the Effect on Seagrass Beds

Faculty Mentor(s): Dr. Jane Caffrey, HMCSE-CEDB Funding or other research support: OUR Student College: HMCSE-Biology

Jessica Marguis

Using Citizen Scientists for Seagrass Monitoring

Faculty Mentor(s): Dr. Jane Caffrey, HMCSE-CEDB Funding or other research support: OUR Student College: HMCSE-Marine Biology

Erica Kim

Worth the Hype? A Comparative Analysis of Centella Asiatica Components in Cosmetics Using Solid Phase Micro-Extraction (SPME) and Gas Chromatography-Mass Spectrometry (GC-MS)

Co-Author(s): **Kate Harper**, Dr. Karen W. Barnes Faculty Mentor(s): Karen Barnes, HMCSE-Chemistry Funding or other research support: OUR Student College: HMCSE-Biochemistry

Corev Akerson Synthesis of an Unsymmetrical Polyamine

Faculty Mentor(s): Dr. Ajay Lajmi, HMCSE-Chemistry Funding or other research support: OUR Student College: HMCSE-Biomedical Sciences

Lauren Carnley

Fruit for Thought: Authenticity of Citrus Flavors **Used in Alcoholic Beverages**

Co-Author(s): **Kate Harper, Erica Kim**, Dr. Karen W. Barnes Faculty Mentor(s): Dr. Karen Barnes, HMCSE-Chemistry Funding or other research support: OUR Student College: HMCSE-Biomedical Sciences



Valentina Duque Castano Synthesis of Copper (1) Acetylides

Faculty Mentor(s): Dr. Tim Royappa, HMCSE-Chemistry Funding or other research support: OUR Student College: HMCSE-Chemistry/Biochemistry



not presenting

Joel Lukens

To Bloom or Not to Bloom: Using Molecular Environments to Control Overall Fitness of Dinoflagellates

Co-Author(s): **Dave Kawula**. Dr. Karen W. Barnes Faculty Mentor(s): Dr. Karen Barnes, HMCSE-Chemistry Funding or other research support: OUR Student College: HMCSE-Marine Biology

Hal Marcus embodied the Argo Spirit.

Harold E. Marcus was a revered figure in the Pensacola community. He could often be found cheering on the Argos at UWF football games, dining with students on campus, hosting bingo nights at the Azalea Trace Retirement Community, or attending services at Temple Beth-El. As a longtime supporter of the University of West Florida, Hal gifted \$5 million to UWF in 2016, creating the first-named college, the Hal Marcus College of Science and Engineering.

Throughout the years, Hal, and his late wife Pat, generously provided scholarship support and funding resources for UWF initiatives, including the Archaeology Department, the Research Experience Away Program, and the Pat & Hal Marcus Excellence Scholarship. However, his most prominent gift, the naming of the College of Science and Engineering, has served to enhance the student experience and raise the profile of science and engineering programs at the University. In addition, the gift has created new opportunities for students in the STEM disciplines, making them more competitive for the best available jobs in the state or acceptance into the highest quality graduate programs in the nation.

Because of Hal's generosity, the college has been able to fund, in part or full, the following:

- Summer Undergraduate Research Program
- Research Away Experience Program
- BioBoot Camp
- STEM Living Learning Community
- Student Scholarships
- Great Minds lecture series
- Graduate Student Research Awards
- Graduate Assistantships
- Chemistry and Math success sessions
- Faculty and student research equipment

Hal's generosity is felt in all parts of the college. Because of him, student lives have been forever changed.





Leia Fannin

SALDI-MS of Real World Samples

Co-Author(s): Michelle Lapak, Taylor Best,

Victoria Drake, Rosemary Nguyen, Dr. Karen Molek

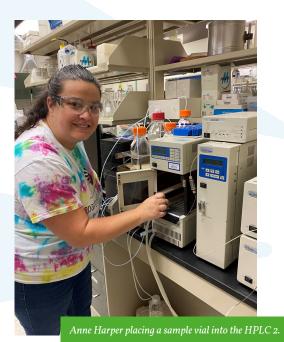
Faculty Mentor(s): Dr. Karen Molek, HMCSE-Chemistry Funding or other research support: OUR

Student College: HMCSE-Chemistry

Kate Harper

The Future of Fragrance: An Analysis of Volatiles in Citrus Perfumes by SPME and Liquid Extraction GCMS

Co-Author(s): **Erica Kim**. Dr. Karen W. Barnes Faculty Mentor(s): Dr. Karen Barnes, HMCSE-Chemistry Funding or other research support: OUR Student College: HMCSE-Chemistry



Anne Harper

Photo-Chemically Produced Reactive Oxygen Species by Motor Oils

Co-Author(s): lan Parker. Lauren Heidenreich

Faculty Mentor(s): Dr. Pam Benz, HMCSE-Chemistry Funding or other research support: OUR

#35 Dave Kawula

Student College: HMCSE-Chemistry

Heavy Metal Determination in Local Watersheds Considered for Human Habitation

Co-Author(s): **Joel Lukens**, Dr. Karen W. Barnes

Faculty Mentor(s): Dr. Karen Barnes, HMCSE-Chemistry Funding or other research support: OUR

Student College: HMCSE-Marine Biology

Patrick Luciani

Fool's Gold: An Exploration of Authenticity of Saffron by FTIR

Co-Author(s): Elise Mueller, Erica Kim, Kilea Yetter,

Amanda McFarland, Dr. Karen W. Barnes

Faculty Mentor(s): Karen Barnes, HMCSE-Chemistry

Funding or other research support: OUR

Student College: HMCSE-Chemistry

Summer Mando

Spice of Life: Determination of Volatile Components in a Variety of Saffrons Using SPME-GCMS

Co-Author(s): Erica Kim, Kate Harper, Lauren Carnley,

Amanda McFarland. Dr. Karen W. Barnes

Faculty Mentor(s): Karen Barnes, HMCSE-Chemistry

Student College: HMCSE-Biomedical Sciences

Amanda MacFarland

Not presenting

Spice of Life: Determination of Volatile Components in a Variety of Saffrons Using SPME-GCMS

Co-Author(s): Lauren Carnley, Kate Harper, Erica Kim,

Tracey Holliday, Dr. Karen W. Barnes

Faculty Mentor(s): Karen Barnes, HMCSE-Chemistry Funding or other research support: Burr Family Endowment Student College: HMCSE-Chemistry

Aubrey Ross

Molecular Structure of Some Bulky Water-Soluble Copper(I) Thiolate Complexes

Co-Author(s): **Audrey Steman**

Faculty Mentor(s): Dr. Tim Royappa, HMCSE-Chemistry Funding or other research support: Burr Family Student College: HMCSE-Chemistry

> Aubrey Ross studying the molecular structure of some bulky water-soluble copper (I) thiolate complexes.



Shane Miller

Optimizing Synthesis of Copper(I)1-Hexynide

Faculty Mentor(s): Tim Royappa, HMCSE-Chemistry Student College: HMCSE-Chemistry

Elise Mueller

Bluer than Blue: Study of the Response of Anthocyanins in Butterfly Pea Flower, Red Cabbage, and Fruit Juices

Co-Author(s): **Patrick Luciani, Kate Harper**, Dr. Karen W. Barnes Faculty Mentor(s): Karen Barnes, HMCSE-Chemistry

Funding or other research support: OUR

Student College: HMCSE-Biomedical Sciences

Jeremy Redfern

SALDI-MS of Real World Samples Co-Author(s): Michelle Lapak, Taylor Best,

Victoria Drake, Rosemary Nguyen, Dr. Karen Molek

Faculty Mentor(s): Ajay Lajmi, HMCSE-Chemistry

Funding or other research support: NIH

Student College: HMCSE-Chemistry/Biochemistry

Charlie Womack

Designing new routes to pharmaceutical building blocks via the acid-base reaction of copper(I) oxide with a weak acid in the presence of a ligand

Co-Author(s): **Megan Hinrichsen, Tyler Thompson**, Dr. Timothy Royappa Faculty Mentor(s): Dr. Tim Royappa, HMCSE-Chemistry

Funding or other research support: Burr Family Student College: HMCSE-Chemistry

COMMUNICATION



Chase Livingston

A short film highlighting the UWF campus while

also telling an engaging and interesting story

Faculty Mentor(s): Dr. Paul Pilger, CASSH-Communication Funding or other research support: Burr Family Student College: CASSH-Communication Arts

Tori Cerna

Examining Criminology and Criminal Justice Research:

Funding and Findings

Co-Author(s): Alexander Johnson, Mariana Suarez Velasquez,

Sarah Pisaris, Jordan Wilder, and Haydon O'Brien

Faculty Mentor(s): Dr. Matt Crow, CEPS-Criminology & Criminal Justice Funding or other research support: Burr Family & OUR

Student College: CEPS-Criminal Justice

In my time spent working with my mentor, Dr. Zhiyong Hu, I have grown to better understand and appreciate the versatile potential in utilizing machine learning methods within the study of environmental and ecosystem sciences.

- Cameron Jackson, Spring 2022

Cameron Jackson

Species Distribution Modeling of Seagrass in the Gulf of Mexico

Co-Author(s): Dr. Zhiyong Hu

SCIENCE

Faculty Mentor(s): Dr. Zhiyong Hu, HMCSE-EES

Funding or other research support: OUR

Student College: HMCSE-Environmental Science/Natural Science

Jordan Fazio

September rainfall climatology in the Gulf Coast region of the USA: What is the role of tropical cyclones?

Faculty Mentor(s): Dr. Jason Ortegren, HMCSE-EES Student College: HMCSE-Earth & Environmental Sciences (EES)

Ethan Richardson

Utilizing a Thermal Infrared Unmanned Aerial Vehicle to Quantify Beach Surface Moisture

Faculty Mentor(s): Dr. Phillip Schmutz, HMCSE-EES Funding or other research support: OUR Student College: HMCSE-Environmental Science/Natural Science

Gabe Small

Creating a Orthomosaic Map in Order to Assess Land Change

Faculty Mentor(s): Dr. Zhiyong Hu, HMCSE-EES Funding or other research support: Burr Family

Student College: HMCSE-Environmental Science/Natural Science

Camila Carvaial

Expenditure Patterns of UWF Students Not Local to Escambia and Santa Rosa Counties

Faculty Mentor(s): Nicole Gislason, Haas Center Funding or other research support: Burr Family

Student College: COB-Economics

Nick Carssow

Creation of an Open Source 3D Printer

Faculty Mentor(s): Nicole Gislason, Haas Center and Dr. Joseph Piacenza, HMCSE-Mechanical Engineering Funding or other research support: OUR Student College: HMCSE-Mechanical Engineering

Rayne Henry #3 Virtual

Visually Communicating the Life and Afterlife of Nicolaus Maniacutius through the Medieval Reproduction of His Text, Ad incorrupta pontificum nomina conservanda

Co-Author(s): Dr. Marie-Thérèse Champagne Faculty Mentor(s): Dr. Marie-Thérèse Champagne, CASSH-History Funding or other research support: Burr Family Student College: CASSH-Art/Studio Art

Clark Bailey #3 Virtual Zoom

Simulation and Control of Flow of Virus-Laden Aerosols in Fnclosed Areas

Faculty Mentor(s): Dr. Cheng Zhang, **HMCSE-Mechanical Engineering** Funding or other research support: Mullet Family Student College: HMCSE-Mechanical Engineering

Brandon Houck

3D Printer Filament Recycling and Life Cycle Analysis

Faculty Mentor(s): Dr. Joe Piacenza, HMCSE-Mechanical Engineering Funding or other research support: OUR Student College: HMCSE-Mechanical Engineering

#2 Virtual Matt Carlson

Quantitative Finance applied to stock options

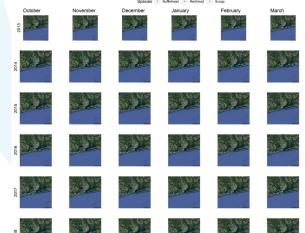
Faculty Mentor(s): Dr. Chris Varney, HMCSE-Physics Funding or other research support: OUR Student College: HMCSE-Physics Engineering

Lavender Allen

Solvatochromism Involving

4-[2-[2-(dimethylamino)-3-pyridyl]ethynyl]anisole

Faculty Mentor(s): Dr. Aaron Wade, HMCSE-Physics Funding or other research support: OUR Student College: HMCSE-Physics



n animated map that shows the movement of Bufflehead species throughout the Florida panhandle during their migration season.

To see the migration pattern of the Redhead and Scaup species visit.

https://nickjet45.github.io/Waterfowl/

Nicholas Brown-Duncan

Data Visualization of Longitudinal Waterfowl Abundance in Escambia, Santa Rosa, and Baldwin Counties

Co-Author(s): **Cody Nash**, Dr. Phil Darby, Dr. Samantha Seals Faculty Mentor(s): Dr. Samantha Seals, HMCSE-Math & Statistics Funding or other research support: OUR Student College: HMCSE-Computer Science

Giancve Ortiz Employee Wellbeing in NFCU's Call Center

Co-Author(s): Lisa Diep

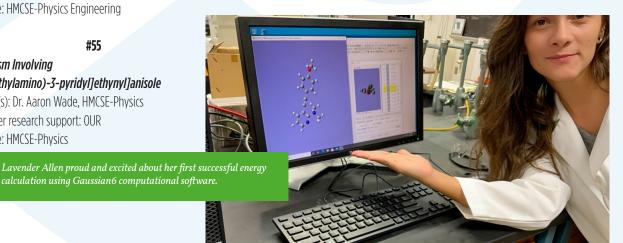
Faculty Mentor(s): Dr. Anthony Okafor, HMCSE-Mathematics & Statistics and Dr. Subhash Bagui, HMCSE-Mathematics & Statistics Funding or other research support: OUR

Student College: HMCSE-Mathematics & Statistics

Alireza Taghi

Short-Term Euro Dollar Exchange Rate Forecasting using Regression Models

Faculty Mentor(s): Dr. Achraf Cohen, HMCSE-Mathematics & Statistics Funding or other research support: Mullet Family Student College: HMCSE-Mathematics & Statistics



Working with Dr. Seals has been a great experience, She has tremendously helped me to focus on personal growth and helped me to begin planning future endeavors. The skills I've learned from our research project, primarily linear modeling and R analysis, will help me well into the future.

- Nicholas Brown-Duncan, Fall 2023

Morgan Kelley

An Adaptive Mastery Approach to Flashcard-Based Learning

Co-Author(s): Dr. Lisa Blalock Faculty Mentor(s): Dr. Lisa Blalock, UKCOH-Psychology Funding or other research support: OUR Student College: UKCOH-Psychology

Ashlev Panko

Covid and the Effects on Students' Mental Health

Faculty Mentor(s): Dr. Jenae Burkart, UKCOH-Psychology Funding or other research support: OUR Student College: UKCOH-Psychology

Olivia Cutshaw

The Associations between Job-Related Burnout, Parenting, and Child Behavior

Faculty Mentor(s): Dr. Kimberly Day, UKCOH-Psychology Funding or other research support: OUR Student College: UKCOH-Psychology

I am so happy to be able to participate in the SURP program. It is truly amazing to be able to further my education, prepare myself for higher studies, and make a contribution to my field while also supporting myself financially. I am so excited to share my project about working mothers and their children at the symposium! - Olivia Cutshaw, Spring 2023

Tv Faist

Analysis of the Global Quantum Competitive Space (QCS):

A University-Industry Applied Research Project

Faculty Mentor(s): Dr. Donovan Chau, RAE Funding or other research support: OUR Student College: CASSH-International Studies

Leesa Marie Price

Technology Development for Quantum (TDQ): A University-Industry Applied Research Project

Faculty Mentor(s): Dr. Donovan Chau, RAE Funding or other research support: OUR Student College: HMCSE-Software Design & Development

