

FLORIDA COLLEGIATE HONORS COUNCIL 2018 ANNUAL CONFERENCE

FEBRUARY 9-11, 2018



STRIVING FOR SUSTAINABILITY



HONORS COLLEGE AT FLORIDA GULF COAST UNIVERSITY
10501 FGCU BOULEVARD S., FORT MYERS, FL 33965

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FCHC MEMBER INSTITUTIONS

Broward College	Nova Southeastern University
College of Central Florida	Palm Beach State College
Daytona State College	Polk State College
Eastern Florida State College	Saint Leo University
Florida A&M University	Santa Fe College
Florida Atlantic University	Seminole State College
Florida Gateway College	South Florida State College
Florida Gulf Coast University	St. Johns River State College
Florida International University	St. Petersburg College
Florida Memorial University	Tallahassee Community College
Florida Southern College	University of Central Florida
Florida Southwestern State College	University of Florida
Florida State College at Jacksonville	University of Miami
Florida State University	University of North Florida
Hillsborough Community College	University of South Florida
Indian River State College	University of Tampa
Jacksonville University	University of West Florida
Miami Dade College	Valencia College
New College of Florida	

PRESIDENT'S WELCOME

Welcome Florida colleagues and students!

On behalf of the Florida Collegiate Honors Council executive board, I am delighted to welcome you to the 2018 FCHC annual conference. We are very pleased that you have chosen to spend the weekend with us. I am sure that you will meet new friends and enjoy an enlightening experience as we celebrate the work of our students, faculty, and staff.

Our theme of “striving for sustainability” is relevant in terms of our environment, of course, but also in terms of our honors community. It is your willingness to step outside your comfort zone that makes our statewide honors community sustainable. I invite you to chat with someone sitting next to you at a session, ask a question of a presenter, or invite someone to share your table at breakfast and help to build our shared intellectual and social community. Therefore, as you enjoy the intellectual challenges offered to you in the papers and posters you take in, you will also give back to the community through active engagement with your colleagues.

I want to recognize the hard work of the Florida Gulf Coast University team, including Clay Motley, Tracie Beck, and the Honors faculty, staff, and students for all the work they put into making this a wonderful experience for everyone, as well as the FCHC executive board who helped with advice and counsel.

Enjoy the conference!

Sincerely,

Leslie G. Kaplan
President
Florida Collegiate Honors Council

MISSION AND EXECUTIVE BOARD

Mission:

The Mission of FCHC is:

- To provide a forum for sharing information about and improving the quality of Honors programs;
- To provide students with greater opportunities for intercollegiate Honors program activities;
- To collaborate with the regional and national organizations which have similar goals;
- To encourage articulation and collaborative programming between Honors programs at associate and baccalaureate institutions;
- To increase the public and private awareness of and fiscal commitment to Honors programs and projects.

Executive Board:

NAME	POSITION	INSTITUTION	E-MAIL
Leslie Kaplan	President	University of North Florida	Leslie.kaplan@unf.edu
Bobby Hom	Past President	Santa Fe College	Bobby.hom@sfcollege.edu
Clay Motley	President-Elect Vice President	Florida Gulf Coast University	cmotley@fgcu.edu
Robert Fleischmann	Secretary	Tallahassee Community College	fleischr@tcc.fl.edu
Cayla Lanier	Treasurer	University of South Florida	cclanier@honors.usf.edu
Quakish Liner	Scholarship Coordinator	Broward College	qliner@broward.edu
Janet Haavisto	Writing Contest Coordinator	Jacksonville University	jhaavis@ju.edu
Vijay Subramanian	2-Year Public Representative	Tallahassee Community College	subramav@tcc.fl.edu
Mark Kearley	4-Year Public Representative	Florida State University	
Ryan Cragun	4-Year Private Representative	University of Tampa	
Adriana Yanez	2-Year Public Student Representative	Hillsborough Community College	
Elaney Tedder		4-Year Public Student Representative	
Melisa Blasky	4-Year Private Student Representative	University of Tampa	
James Rowland	Webmaster	Florida Collegiate Honors Council	rowlandj@knights.ucf.edu

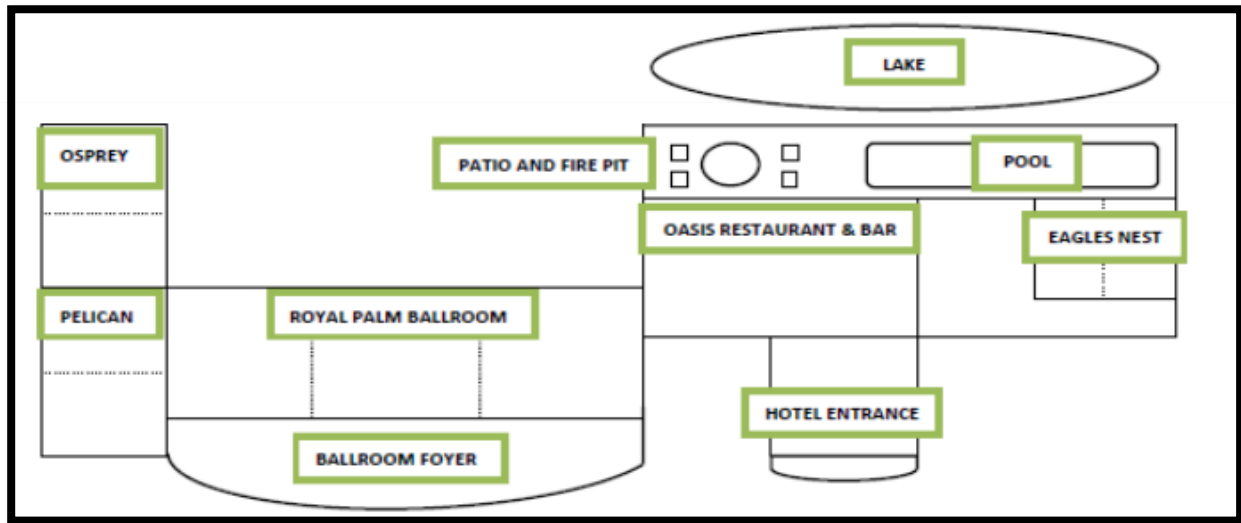
CONFERENCE SCHEDULE AT A GLANCE

Friday, February 9, 2018		
TIME	ACTIVITY	LOCATION
4:00 p.m. – 8:00 p.m.	Registration Tables open	Royal Palm Ballroom Foyer
6:30 p.m. – 8:00 p.m.	Dinner and Opening Ceremony; Keynote Speaker; Writing Contest Winners Announced	Royal Palm Ballroom
8:30 p.m. – 10:00 p.m.	Director's Reception	Oasis Restaurant & Bar/Patio
	Student Activity: The Game of Life	Pelican AB

Saturday, February 10, 2018		
TIME	ACTIVITY	LOCATION
7:00 a.m. – 9:00 a.m.	Breakfast	Oasis Restaurant
8:00 a.m. – 10:00 a.m.	Registration Tables Open	Royal Palm Ballroom Foyer
9:00 a.m. – 12:00 p.m.	Breakout Sessions 1-7	Osprey A Osprey B Pelican A Pelican B Eagles Nest A (<i>until 10:00; refreshments will be set up for remainder of the day here</i>) Eagles Nest B
12:00 p.m. – 2:00 p.m.	Lunch; Guest Speakers; Art Contest Winners Announced; Scholarship Recipients Announced	Royal Palm Ballroom
2:00 p.m. – 5:00 p.m.	Breakout Sessions 8-14	Osprey A Osprey B Pelican A Pelican B Eagles Nest A (<i>refreshments</i>) Eagles Nest B
5:00 p.m. – 6:30 p.m.	Dinner on your Own	See <i>Restaurant Listings, p. 39</i>
7:00 p.m. – 8:00 p.m.	Performances by FGCU Honors Students, <i>The Transformative Power of Music</i>	Cohen Center Ballroom, FGCU Campus
8:30 p.m. – 10:00 p.m.	Paint Your Own Tote!	Royal Palm Ballroom

Sunday, February 11, 2018		
TIME	ACTIVITY	LOCATION
7:00 a.m. – 9:00 a.m.	Breakfast	Oasis Restaurant
9:00 a.m. – 11:00 a.m.	Poster Sessions	Pelican A and Pelican B
9:00 a.m. – 11:00 a.m.	Writing Contest Winners Presentations: Creative Writing and Poetry Documented Research or Critical Thinking	Osprey A Osprey B
11:00 a.m. – 11:30 a.m.	Conference Closing, Annual Business Meeting, Elections	Eagles Nest AB
11:30 a.m. – 12:00 p.m.	FCHC Executive Board Meeting	Eagles Nest AB

HOLIDAY INN FLOOR PLAN



Conference Information:

- Presentations will be held in Osprey, Pelican and Eagles Nest meeting rooms.
- The Opening Banquet will be held in the Royal Palm Ballroom.
- Breakfasts will be held in the Oasis Restaurant; lunch will be in the Ballroom.

Conference Reminders:

- Be considerate of times when sessions begin.
- Please arrive to the session you are attending at least five minutes early.
- Show respect for the presenters by turning OFF your cell phones.
- *Please Note:* There is limited bandwidth in the rooms. By turning off your devices or putting them on airplane mode, presenters are assured success in using the internet.
- Wear your conference name badge at all times.
- Show respect for other guests at the hotel.
- Dress appropriately to all events.
- Need information? Stop by the Registration desk; we are here to help!

ABOUT US

Fort Myers, Florida

Ponce de Leon explored areas along Florida's Gulf coast in 1513 & 1521. The barrier islands of Lee County are believed to be one of his many stops. Spanish and Cuban settlers created temporary fishing and farming camps along the coast, but for years Southwest Florida was a rugged and isolated area.

In the early 1700s the Lee Island coastline first appeared with some accuracy in British maps. During the last half of the 1700s coastal areas of Lee County were a base of operations for bands of pirates raiding the cargo ships sailing to and from the port of New Orleans.

Fort Myers was built along the Caloosahatchee River as one of the first bases of operations during the Seminole Indian Wars. Fort Myers was named in honor of Colonel Abraham C. Myers, the son-in-law of the commander of Fort Brooke in Tampa.

The fort was abandoned in 1858 and reoccupied by Federal troops from 1863-1865. The Southernmost battle of the Civil War, a skirmish between Northern and Southern troops occurred across the river in 1865 and is reenacted annually at the North Fort Myers Cracker Festival.

The fort itself was disassembled, and some of the wood used in construction of some of the first buildings in what would become downtown Fort Myers. No more than ten families lived in the original town when it was platted in 1876.

By 1885 Fort Myers was bursting with pride and a bulging population of 349, the second largest town on Florida's Gulf Coast south of Cedar Key. That same year Thomas Alva Edison was cruising Florida's west coast and stopped to visit the village.

Captivated with what he saw, Edison built his home and laboratory, Seminole Lodge, on the banks of the Caloosahatchee River. He subsequently became Fort Myers' most famous resident and a strong force in its growth and development.

The opening of the Tamiami Trail (U.S. 41) linked Fort Myers to Tampa and Miami, adding more to the growth of the Big Boom in the 1920s. Growth radiated in all directions until the 1930s.

Two devastating hurricanes in 1921 & 1926, combined with poor publicity and inadequate planning brought a collapse in Florida's boom time. Fort Myers suffered along with the rest of the nation during the Great Depression. Still, there was moderate progress as some of the more elegant buildings in Fort Myers were built during the 1930s.

In the early 1940s, every county in Florida had air bases due to the advantageous flying weather. The Fort Myers area had Buckingham and Page Fields, and the city was home to thousands of servicemen, many of whom returned and became permanent residents.

In the years since World War II, the city has grown along with Lee County and the rest of Southwest Florida. Commercial and residential growth has pushed development in all directions to create Cape Coral, North Fort Myers and Lehigh, as well as adding to the coastal settlements of Fort Myers Beach, Pine Island, Sanibel and Captiva Islands, and Bonita Springs.

Fortunately, the older downtown area and the City of Fort Myers historic districts have retained much of their charm, and proper preservation measures are in place to ensure that charm will be treasured for many generations to come.

Florida Gulf Coast University

The history of Florida Gulf Coast University (FGCU) is a visionary one built on support for providing higher education opportunities in Southwest Florida. Area citizens began the initiative to bring a state university to this part of Florida, and their early requests were quickly supported by elected officials at the local and state levels.

The former Florida Board of Regents formally recommended in January 1991 the development of Florida's tenth state university to be located in Southwest Florida, and, in May 1991, then Governor Lawton Chiles signed the legislation authorizing the new university. Southwest Florida's support for a university was never more evident than during the next year, when private landowners offered more than 20 gift sites for the university campus. In early 1992, the Board of Regents selected the site offered by Ben Hill Griffin III and Alico, Inc. of 760 acres of land located just east of Interstate 75 between Alico and Corkscrew Roads.

Campus groundbreaking was held on November 28, 1995, with more than 600 people participating in the celebratory event for Southwest Florida. With aggressive academic program and campus development schedules slated to culminate in an opening day of August 25, 1997, the early staff and faculty were busy meeting deadlines every month. Inaugural degree programs were approved by the Board of Regents in March 1996. The FGCU Foundation, a private fundraising arm of the university, gained extraordinary financial support for an institution that at the time could only be seen on a drawing board. Faculty members throughout the country were attracted to FGCU for the opportunity to offer higher education in new and innovative ways.

As FGCU moves forward, student enrollment remains robust; the campus continues to advance with new buildings and facilities, including our popular student housing; new undergraduate and graduate degree programs are being added; our NCAA Division I athletics program continues to soar as an emerging powerhouse; the FGCU Foundation's private fundraising continues to be successful, and the future for Florida Gulf Coast University is bright.

Florida Collegiate Honors Council

The Florida Collegiate Honors Council (FCHC) is a professional association of undergraduate honors programs and colleges in Florida. FCHC is closely associated with the Southern Regional Honors Council (SRHC) and the National Collegiate Honors Council (NCHC). Since the early 1990s, FCHC has held an annual conference in February for Florida Honors students, faculty, directors, and deans. The conference provides an opportunity to network with Honors professionals and Honors students, to share Honors expertise, and to hear presentations from across many disciplines.

SCHOLARSHIPS

- The Dr. Mary Jo Henderson Scholarship is designed for excellent state and community college Honors students who will graduate with an Associate's degree from an FCHC member institution.
- The Dr. Richard Piper Scholarship is designed for university students who are graduating from a Florida Collegiate Honors Council (FCHC) four-year institution.
- Dr. Irmgard Bocchino Partners in the Park Scholarship awards will cover a portion of the cost of the Partners in the Park program, and are available to students who are currently enrolled in an FCHC member institution.

Friday, February 9

Registration Tables Open • Royal Palm Ballroom Foyer
4:00 p.m. – 8:00 p.m.

Dinner and Opening Ceremony • Royal Palm Ballroom
6:30 p.m. – 8:00 p.m.

Keynote Speaker: Jessi Drummond, Education Coordinator, The CREW Land & Water Trust. Jessi is a recent graduate from Florida Gulf Coast University and an Honors Alumnus with a B. A. in Environmental Studies. She has been involved with the CREW Trust since she moved to Florida. She started as a volunteer then worked as an intern prior to joining the staff. Jessi is certified in Upland Habitats through the Florida Master Naturalist program, and Conservation Education through the America Wilderness Leadership School.

Director's Reception • Oasis Restaurant & Bar/Patio
8:30 p.m. – 10:00 p.m.

Student Activity • The Game of Life
Pelican AB

Saturday, February 10

Breakfast • Oasis Restaurant

7:00 a.m. – 9:00 a.m.

Registration Tables Open • 8:00 a.m. – 10:00 a.m.

Royal Palm Ballroom Lobby

Session 1: 9:00 a.m. – 9:50 a.m.

Pelican A:

Angela Mick, Hillsborough Community College

“Building a Community Inside and Outside of the Classroom”

Students at Hillsborough Community College are required to take a leadership class in the first semester that they enter the program. This course lays the foundation for students to become actively involved in the classroom, the campus, and surrounding community. Hear from both a faculty and student perspective about the importance of this class and how it assists in the development of the community.

Hope Sparks, New College of Florida

“All About Aeolus”

Aeolus is New College of Florida’s student-run Undergraduate Research Journal. As a nascent publication enterprise, with current and prospective publications, our goals include encouraging other motivated undergraduate students to create journals at their own universities. Aeolus is [Unique] due to its horizontal leadership structure, with a team of collaborative editors that follow each submission individually and discuss at meetings collectively. As editors, we aim to promote a sustainable practice by utilizing the online journal platform Scholastica coupled with Google Drive. Our PowerPoint presentation will begin by explaining the conception of Aeolus and challenges we faced in that endeavor. Next, we will present an overview of our current methodology and editing processes. We will finish the presentation discussing the future goals of Aeolus through our two year plan. We hope that this presentation will provide a framework that undergraduate research publications at other universities can utilize.

Jason Behnke, Dr. Jen Wortham, University of Tampa

“The Bobby Bones Show! Everyday Can be a Good Day”

The Bobby Bones Show, a nationally syndicated country music morning program, devotes a segment each day to “everyday is a good day” where the cast give reasons why the day is good and how they can help others have a better day. College universities are rated and judged based partially on their retention rates of students and thus have many campus programs and dollars allocated to student happiness (i.e. keeping students enrolled from one year to the next). Many complicated, long surveys exist that collect information about student happiness and retention; however, these results are rarely made public. The objective of this research was to survey college students at a mid-sized private urban university and ask them what made the day good and what would make the day better, with the prediction that universities were not spending money in “simple” areas that impacted students happiness the most. Students were predicted to focus happiness on food options, availability of alcohol/drugs, and sexual experiences. On the survey, students were also asked other questions regarding gender, employment status, and housing location. After collecting N=1010 surveys, alcohol, drugs, and sex were not factors that students commonly reported impacting their

happiness, while weather, academics, friends, and food were among the frequently mentioned circumstances making a day good. Of all elements mentioned by student making their day good or better, around 50% were factors that universities could control. There were factors mentioned by lower percentages of students; however when these lower percentage categories were combined, they accounted for a large percentage of the university population and thus should not be ignored. There were differences between male and female responses, as well as between students living on campus compared to those that live off campus. Employment also influenced student responses and perception of what made a good day. Overall, many university fees do indeed go into programs that focus on the commonly mentioned dynamics related to student daily happiness. However, universities may be overlooking the lower impact categories that can be addressed in “simpler ways” to increase student daily happiness, beyond just expensive programming.

Pelican B:

Jillian Hanley, Harriet L. Wilkes @ FAU
“Florida’s River of Grass”

This presentation will explore the results of my research into the current environmental policies relating to the Everglades. By looking at problems that the Everglades may be facing, this research aims to investigate if current policy is beneficial for the Everglades. Primarily, I will examine problems found in Lake Okeechobee, Caloosahatchee and St. Lucie rivers, and estuaries surrounding the Everglades. The problems that will be explored involve negative transformations of ecosystems, algae blooms, and salinity imbalance in estuaries. I will be evaluating data from federal, state, and local governmental institutions as well as private institutions. By understanding the science of the Everglades and the policies that influence this ecosystem, society can have a more progressive approach to the Everglades and its restoration.

Gitte Ost, Hillsborough Community College
“Sustaining a zero-waste economy”

The goal of a sustainable linear economy is to produce as little waste as possible, thus impacting the environment as minimally as possible. But that is far from sufficient, because the growth of the population and its welfare leads to the increase of production, and this negates increases in efficiency. That is why the circular economy goes much further, it is a concept that takes sustainability to another level. It is based on the biological cycle, but with a focus through technology, at the end, the circle must be round producing zero waste. To succeed, it is necessary to change our mindset, business models, cash flow and to redefine the word value. The circular economy will allow us to achieve economic growth within the environmental limits of our planet.

Antonio Lorenzo Orellana Gonzalez, Hillsborough Community College
“Maintaining a Sustainable Food Culture”

Food is one of the most valuable resources for sustaining human life. What primitive humans consumed is broadly acknowledged to be among the crucial factors in evolution and the emergence of modern homo sapiens. Since the agricultural revolution and the rise of civilizations, food waste has come from overproduction and poor distribution of resources in stratified societies. The increase of population impacts intensive agriculture as a regular practice. In 2012, food waste reached a critical point with 133 billion pounds of uneaten food. Food waste is a systemic problem that involves food production chains, government regulations, food aesthetic standards, and consumer household waste. Since it is an issue in the food system related to sociocultural behaviors, the solution must come from cooperative efforts in society addressing different elements of the food waste culture. Factors contributing to food waste and its effects it has on the global community and the ecosystem, and solutions to the problem will be illustrated.

Osprey A:

Tina M Bhatt, St. Petersburg College
“Autonomous Vehicles, Future of the Roads”

As autonomous vehicles become more and more prominent in the car industry, it is important to understand the implications of self driving cars in this growing market. This presentation will explore a few of the ethical, regulatory, and legal issues that arise with autonomous vehicles and will provide information on how these issues can be addressed in the future.

James Alexander Adaryukov, Harriet L. Wilkes @ FAU
“Artificial, But Real: The Implications of the A.I. Revolution”

In recent years, we have seen a massive boom in artificial intelligence. A.I. constructs, or computerized systems with the ability to behave autonomously, have advanced to driving cars on the freeway, recognizing emotional responses in humans, and even becoming legal citizens in their home countries. However, all of these A.I. are still “weak”; they cannot perform tasks beyond the scope of their original programming. This presentation explicates the current state of artificial intelligence, in areas ranging from civilian life to military operations, as well as its ethical implications, and how countries might integrate it into their societal frameworks sustainably. Furthermore, I will delve into the potential ramifications of a leap to strong A.I., and the fundamental shifts in social and economic structures that leap could pose.

Sofia Gangotena, Broward College
“Communists and Condors: How Ecuador fought in the Cold War”

My proposal for this honors colloquium is a 12-minute speech about the specific involvement of Ecuador in the Latin American-led campaign of political repression and terror called “Operation Condor” that began in the late 1960s and ended in late 1980s.

First, this presentation will discuss the culmination of events that led to the creation of Operation Condor. I plan to explain that this program was formed as a secret alliance between Latin American countries to track down and eliminate dissidents to their military regimes and go more into depth as to how this Operation spread into a national phenomenon.

Second, I will present information that will thoroughly examine Operation Condor through the lenses of the Ecuadorian regime. I will proceed to discuss Ecuador’s involvement in Operation Condor, which began in 1978, as they joined many of its South American patrons. I will show that Ecuador used their intelligence services along with its militaries to gather and share information with other countries involved with the operation.

Third, I will discuss the effect of Ecuador’s involvement on its people. I will proceed to discuss the aftermath of the United States’ involvements in dismantling Operation Condor. For example, the United States destroyed many structures in Cuenca, one of Ecuador’s most cultural cities and killed many people.

*Osprey B:***Sera Ashley Waldron, St. Petersburg College***“Death: America's Denial of the Inevitable”*

In America, death is a subject that is avoided at all costs. In a conversation, we prefer to say that so-and-so "passed on", or something to that effect, instead of stating the obvious. We handle corpses like toxic goods, until it's an open-casket funeral, and then we handle them like mannequins. We inject chemicals and cosmetics, and bury them into the ground in a wooden box, reinforced with steel and lined with satin pillows. How did we get that way? Why are these practices considered normal? This research seeks to discover the truth.

Owen Don Elliot Silvera, Harriet L. Wilkes @ FAU*“How Nature Does Nurture”*

A study published by the Journal for Alternative and Complementary Medicine has found that being in a hospital waiting room with real or artificial plants in it is an effective stress reliever. If even this small degree of nature can have a positive effect on people in stressful situations, imagine the benefit a greater exposure to nature and greenspaces can have for students who struggle with stress and anxiety. In my presentation I will explore the potential effects of outdoor areas on students and the degree to which such spaces are being used on university campuses throughout the state.

Marissa Molloy, Brianna Burte, Santa Fe College*“Towards Inclusion: Building Communities that Integrate, Accept, and Values Peoples with Disabilities”*

The purpose of our research and presentation is to disprove negative stereotypes about the disabled community. Citing current research and our own personal experience, we will argue that abilities outweigh disabilities. We will also raise awareness of the programs making a difference for peoples with Autism, Down Syndrome, Cerebral Palsy, and Muscular Dystrophy. We want a community that is integrated, accepting, and values the disabled community.

*Eagles Nest A:***Ashlyn Taylor Sparks, Jacksonville University***“Abstract: From Mustache to Manicure: The Evolving Role of Witches in Entertainment”*

This paper examines the connection between women's social roles and the representation of witches in popular forms of entertainment. Specifically, a contrast between the witches of Shakespeare's *Macbeth* (c.1606) and the television series *Charmed* (1998-2006) demonstrates that as the role of women develops over time, mediums of entertainment correspondingly evolve. These physical representations are directly connected to how society views the social habits of women. For instance, one common characteristic of witches that persists is an increased expression of sexuality. During the Elizabethan Era, this was seen as unfavorable; now, by contrast, women have begun to celebrate this characteristic. Ultimately, this analysis of witches in entertainment proves that the work of artists, writers, and actors have incredible societal implications in regards to the social sustainability of feminism, and so these people have a social responsibility to influence their viewers in a positive way.

Shannon Pamela Rozes, Florida Gulf Coast University
“Witchcraft from Elizabeth I to Charles I”

This presentation examines witch hunts in early modern England that occurred from around 1550 to the early 1700s. It focuses on the legal, intellectual, social aspects and how England was different from the rest of Europe. Throughout the work, the emphasis is put on the fact that superstitions were critical to the belief in witches, apparitions, the devil, and healing of the supernatural type. From the reign of Henry VIII until the 1700s England had experienced a great deal of political, social, and economic change. Witchcraft was an expansion of the changes happening in the political, social and intellectual life at that time.

Eagles Nest B:

Davidson Mesquita Neves, Hillsborough Community College
Roundtable: “Sustaining Creativity in Honors Programs”

This roundtable discussion tackles strategies to sustain students' creativity in Honors. From personalized classes to extracurricular activities, Honors programs are known for engaging and embracing creative thinking. The discussion is an opportunity for Honors students and staff to share strategies they pursue in order to contribute for the sustainability of creativity. Scholars will have the space to explain why Honors projects help them to be creative and how those ideas can be adopted by other programs.

Session 2: 10:00 a.m. – 10:50 a.m.

Pelican A:

Daniela Castro Perez, Hillsborough Community College

Workshop: *“Experimental Learning: Suturing Your Pre-Med Degree Together”*

Honors Students thrive in the experimental learning environment. In this workshop, pre-health students will have the opportunity to participate in a hands-on experience by practicing suture techniques. Different styles of suturing and basic identification for different cases will be covered before engaging in actual suturing. This workshop will focus on proper needle holding, needle driving, correct usage of forceps and equipment, and knot placement. All supplies will be provided. Enrollment works on a first come first serve basis. (Limit to 22 participants).

Pelican B:

Kirsten Hizer, Jacksonville University

“Nutrition Analyses for NCAA Division 1 Track Athletes”

While women who perform high volumes of running are in excellent cardiovascular health, there are potential negative health consequences such as low energy availability. One particular symptom of chronically low energy availability is a loss of the menstrual cycle, known as amenorrhea. Longer last effects of amenorrhea are not as easily reversed, particularly low bone density. With Division 1 distance runners, being at particular risk of this condition known as the female athlete triad (Triad), the purpose of this study is to assess their health as it is related to risk factors of the Triad and their physical performance. Such assessments include blood measures, metabolic testing, energy intake (nutrition) and energy expenditure, and body composition. We hypothesize that over the course of a demanding Division 1 track season, energy availability will decline and symptoms of the Triad may become apparent, which may/may not be related to performance level.

Christopher Tracy Stansel, St. Petersburg College

“Urban Sprawl”

In modern urban planning it has become an unfortunate trend to sacrifice beauty for efficiency, sprawling industrial roadways for tight-knit city streets. The dilemma becomes more apparent when one uses simple observation to reveal that modern cities are, in fact, neither beautiful nor efficient. What has gone wrong in modern city design and why? This is a complex topic, but fundamentally showcases a struggle between the interests of individuals' monetary savings and the habitability of the modern city for all.

Camila Nakandakari, Rickia Haygood, Hillsborough Community College

“Sustainability In The Job Market For Undergraduates”

Recent graduates are facing a variety of issues related to finding employment. An undergraduate degree is no longer enough to be competitive in the ever changing workforce. This issue is exacerbated through the added burden and pressures of student debt. Internships, travel, and leadership development are all important components to a sustainable workforce and a competitive marketplace. An analysis of the current job market will be examined and suggestions for developing a rigorous and competitive resume will be discussed.

Osprey A:

Yanae Simone, Hillsborough Community College
“Neurological Sex Differences Between Men and Women”

Sex is an assigned biological makeup. Gender is how one might identify oneself regardless of their biological makeup. Although there are many ways in which men differ from women, there are a few major neurological areas of study that suggest differences between the sexes, such as processing, activity, and chemistry. Current research indicates that the differences are sustained through gender stereotyping. For example, verbal centers exist on one side of the brain for men, but for women they exist on both sides of the brain. However, these neurological differences do not impact ability as it relates to stereotyping. By removing gender stereotypes, these sex differences are all the more subtle. Explore how stereotyping impacts and influences perceptions around the neurological sex differences between men and women.

Elise Nancy Gonzalez, Harriet L. Wilkes @ FAU
“Art and Mourning”

Commemorative art serves as an outlet for people to come to terms with loss and move forward while simultaneously honoring loved ones. This presentation will focus on contemporary artwork that centers around remembrance and repair such as Doris Salcedo's Palimpsesto as well as music videos like Sia's "The Greatest" and Beyoncé's "Forward." It will also address modern versus traditional approaches to rendering art that heals, for example, the holiday "Dia de los Muertos." Mourning through art serves the purpose of progressing through difficult times; the different avenues in which people and artists mourn can contribute to further understanding cultures and societies around the world as well as give us insights into the psychology behind death.

Ashley Leigh-Ann Stevens, Harriet L. Wilkes @ FAU
“The Art of the Autopsy”

Despite its unsavory reputation, the autopsy is an important medical tool. This talk will shed light on the importance of the autopsy in medical history as well as the current necessity of the procedure. In addition, it will promote a more realistic perception of autopsy to counter the exaggerated image the media creates for this procedure and other facets of forensic science. The current applications of autopsy will also be explored along with the possible advancements future technology may bring. Audience members will gain an appreciation for the importance of the autopsy in criminology, virology, and medical practice, as well as a deeper insight into its process and limitations in the real world.

Osprey B:

Yan Pacheco, Santa Fe College
“Evaluating Different Decalcification Protocols for Knee Osteoarthritis Histology”

Osteoarthritis is a degenerative disease of the articular joint. Currently, histological analysis of the joint is the most effective method to quantify the progression of the disease in a rodent model. Once the knee is isolated, it is then fixated, decalcified, and/or processed. This project's objective was to optimize the histological staining process by testing various decalcification and processing techniques. Several different solutions were used in a defined time point to determine which would preserve tissue morphology the best. The stained slides showed that there was a variance in proteoglycan concentration depending on which solution was used.

Hannah Tarleton, Harriet L. Wilkes @ FAU
“Think Kink: An Exploration of BDSM”

In this presentation, I plan to explore sadomasochism and other fetishes through the lens of neuroscientific and psychological literature, discuss the social implications of misinformation, and demystify the rise of kink in popular culture. From the infamous “Fifty Shades of Grey” saga to Rihanna’s “S&M,” popular culture has brought kink, specifically BDSM (bondage and discipline, domination and submission, sadism and masochism), into the limelight. However, misconceptions about unconventional sexual preferences are common, and factual, scientific information on the subject can be difficult to find. By examining kink, we can better understand the largest and most powerful human sex organ – the brain.

Eagles Nest B:

Victoria Kinley, Florida State University

Roundtable: “Green Houses and Green Apartments: Finding a solution to the lack of environmental consciousness in Florida’s off-campus student housing.”

This research is still ongoing so therefore a plan of action must be submitted instead of an abstract.

I am working to discover the most efficient solution to the lack of environmental consciousness in off-campus student housing surrounding universities in Florida. I have discovered that there is a desire in students to recycle, but cannot due to a lack of resources. Most off-campus student living complexes do not even have recycling bins to give students the option to be green. This seems to be the trend in all student housing near state universities in Florida. My goal is to create an interdisciplinary solution, either through entrepreneurship or policy, to this lack of environmental consciousness and resources. I am conducting this research by looking at current recycling methods of student housing, the city, and the county; along with various case studies to discover how various student housing complexes and universities are standing with environmental sustainability and recycling, specifically following those surrounding Florida State University and Florida Gulf Coast University.

Session 3: 11:00 a.m. – 11:50 a.m.

Pelican A:

Tracey Belle Tobkin, Harriet L. Wilkes @ FAU
“GPA, Extracurriculars, and...Enthusiasm?”

A common goal of students entering higher education is personal and intellectual enrichment. This is often boiled down to a résumé of grade averages and executive board positions. It is assumed that, if the student received an “A” in a course, they have a deep appreciation and understanding of the material. Yet this is not always shown to be the case. So little of the knowledge gathered in school may be retained by the student, let alone incorporated into his or her life. But then, the opposite outcome may be observed just as well: a well-rounded, happy individual. The questions that are not being asked are, why do some students with the desirable GPAs and leadership experience turn out to have poor character? Is the greater person eclipsed by a skeleton of bullet points? Enthusiasm, I propose, is what sets the successful student apart from the others.

Rosa Scholl, University of Tampa*“A Well Rounded-Tutor: A Study of Personality and Character”*

The earliest writing centers have been documented going back to the 1970's and further (Waller, 2002). It is no secret that an establishment as such is a useful tool for students all over the world. However, a writing center is only as strong as its best tutor. But what qualities are necessary to be a good tutor? Aside from their skills and knowledge of writing, tutors must possess an array of personality traits that make them approachable to the average student. This study was designed to research and evaluate the qualities that both students and other tutors admire, and expect, during a session. A tutor with positive attributes is more likely to have a successful tutoring session, which will result in a satisfied student. By surveying random students after their sessions, their experiences with the tutor could be evaluated. The results showed that students with positive experiences attributed them to their tutor's personality traits. A majority of students described their tutors as kind and knowledgeable, or used derivatives thereof, such as positive, nice, helpful, open minded and honest. These responses came from students whose visits to the writing center ranged from regularly to once or twice a semester. Not only students, but also fellow tutors mentioned these traits frequently. When interviewed, some tutors stated that they strive to possess patience, open mindedness, positivity, friendliness and much more, and expect this from other tutors as well. Unfortunately, constructive negative feedback from students in this research was limited, most likely because students were afraid to offend their tutors. Nevertheless, the feedback received will hopefully be able to aid future tutors to grow and prosper as they become the best tutors they can and want to be.

Jenna Dawne Blyler, Jacksonville University*“A Defense for Thomas Jefferson: A Revolutionary Beyond His Republic”*

Among the American founding fathers, Thomas Jefferson is primarily identified by modern educators and revisionist historians as the incendiary of racism in eighteenth and nineteenth century America. Yet, contingent on objective documentation, Thomas Jefferson catalyzed the emancipation of slaves within and with respect to the former restraints of the infant American republic.

However, Jefferson is rightly identified as vacillant; this is easily observed within his writings, his political career and personal relationships. Nevertheless, Jefferson's constant effort across decades of revolution to eradicate slavery, is cogent. After attempting for decades, Jefferson concluded that his movement towards emancipation was not representative of the people, and contradicted the integrity of America's bloody revolution. His yielding came as an intellectual decision rather than a moral one; this does not make Jefferson a racist, but a rationalist. Human appeal to moral convictions rather than intellectual conclusions often blur the efforts that Jefferson made to remove slavery and to integrate former slaves into American society. Rather than damning Jefferson with presentism fallacies, it is necessary to examine him by the simplest and fairest process: through a consideration of his time and with respect to evidence.

*Pelican B:***Khale Gray, Florida Memorial University***“Mumbo Jumbo”*

Dyslexia is a learning disability and it makes it tedious when learning how to read or interpret words, letters, and other symbols. However, dyslexia does not influence a person's general intelligence. People can learn to manage their dyslexia or overcome their dyslexia and build confidence while being dyslexic.

Ronelia Maria Bailey, St. Petersburg College
“The Real Silent Killer....Stress”

Stress is a common factor in each person’s life. However, chronic stress left unaddressed can lead to devastating health issues, even death. According to the Cleveland Clinic, stress is the body’s physical reaction to change that requires an adjustment or response. Stress was sanctioned “the health epidemic of the 21st century” by the World Health Organization. The Center for Disease Control reports 110 million people die every year as a direct result of stress; that is seven people every two seconds. My research takes an in-depth look at this epidemic, bringing awareness to the major causes of stress, how stress affects the body and several practical solutions to treat this growing problem.

Lisa Manners, St. Petersburg College
“Facts About Homeless College Students Attending St. Petersburg College”

In this presentation, I will discuss the facts about the homeless students at SPC. The discussion will focus on how many students are homeless at SPC, how they get to class, where they shower, and how The Manners Housing Foundation Inc. has a plan to help these students succeed. Also, I will go over other programs currently in place at SPC, helping students and the community. To conclude the presentation, I will explore the rates of student success or students who have completed college and were homeless while they were attending.

Osprey A:

Caitlyn Figueroa, Daytona State College
“The Impact of Exposure to Facebook on Millennials’ View of President Trump”

The purpose of this experiment is to test and study the impact of exposure to Facebook on millennials’ view of President Donald Trump. In our research, we utilized an electronic survey questionnaire to gather data on millennials’ political views and Facebook usage. It consists of a series of Likert-type scale questions to view changes in perception regarding President Trump. Additionally, we hypothesized that there would be a difference between the views of the millennials who are heavy Facebook users and those who use Facebook minimally. To ensure that the results were an accurate representation of the selected studied population, participants that did not fit the criterion of millennials—those born between 1980 and 2000—were discarded. Those millennials were then separated into two groups: heavy Facebook users and little to no Facebook users. After analyzing our data, our statistical tests demonstrate an extremely significant difference between the perceptions of millennials on Trump.

Eric Josue Feliu, Ashton Craig, Melissa Diaz, Kayla Murchison, Tatiana Oatis, Daytona State College
“Critical Tweets and Women’s Approval Ratings of President Trump”

This study empirically investigates the impact of President Donald Trump’s critical tweets directed towards women on his personal Twitter account and the change in approval ratings of women. President Trump utilizes his personal Twitter account to post content sometimes unrelated to politics and without regards to those who do not share his values. The experimental design was given to a total of sixty participants, thirty of which were a control group. The design examined the approval rating of President Trump using a likert scale, before and after introducing a series of two tweets. The tweets were either critical or non-critical in nature. The results show that on average, a women’s approval rating of President Trump decreased by about two percent. The data examined found that there is significant evidence to support relationship between critical tweets directed towards women and a decrease in the average women’s approval rating of President Trump.

Sonia Baron, Harriet L. Wilkes @ FAU
“Feminist Data Visualizations”

An ethical concern has risen from the distribution and easy access of Big Data, or large data sets that are analyzed computationally. Catherine D’Ignazio has merged the field of feminist theory to data visualizations - the field that creates visual representations out of big data sets. This presentation will define and briefly explain the implications of each of the D’Ignazio’s six principles of feminist data visualization: (1) rethink binaries, (2) embrace pluralism in the methodology of data science, (3) examine power and aspire to empowerment for marginalized communities, (4) consider context of the origin of data, (5) legitimize embodiment and affect that could emerge from big data, and (6) make labor visible. Incorporating feminist theory to data visualizations seeks to both give new applications to data visualization and change its methodology to include and recognize populations from marginalized communities. Feminist data visualizations is one of the potential directions of digital humanities.

Osprey B:

Rachel Grace Dowell, Indian River State College
“Openness in Scientific Research”

This paper addresses Karl Popper’s argument that science should be permanently open to testing of fundamental ideas. Throughout the paper, it is argued that Popper’s framework for how he believes science should operate, as a series of “conjectures and refutations,” in which all aspects of a field of science are permanently open to testing and attempted falsification, would not lead to sustainable scientific research. This idea of permanent openness, while at first seemingly reasonable and even advantageous, would hinder scientific progress of an instrumentalist variety and lead scientists into a loop of continually trying to disprove fundamental theories. In this paper, Popper’s viewpoint is explained and key terms defined, an argument that Popper’s idea of science cannot function in reality is made, and two possible objections to this claim, that closing off discussion of unverified fundamentals cannot be justified and that there should be a middle ground between permanent openness and closed discussion, are examined and refuted.

Eagles Nest B:

Claudio Costa Braga, Hillsborough Community College

Roundtable: "Promoting Critical Thinking in College"

One of the United Nation's 2017 Sustainability Goals is to promote sustained economic growth to generate productive employment and decent work for all. As a student approaching the future workforce it is important to be proactive and curious throughout college. As a student it is essential to ask questions, think critically and solve problems. The college experience is one of the best opportunities an individual has to prepare for the job market. Examples will be explored using the game "Guess Who?" to explore Socratic Method of learning, by asking questions to promote critical thinking. Learning is a complex process and for this reason it is important to start early, sustain a curious mind and prepare to become a productive part of an international workforce.

Lunch

Royal Palm Ballroom • 12:00 p.m. – 1:50 p.m.

Guest Speakers:

Katie Leone, M. Dr. Win Everham, and Dr. Simeon Komisar, Florida Gulf Coast University, **Making the Sustainable University**

Art Contest Winners Announced
Scholarship Recipients Announced

Art Contest Entries:

Title	Student Name/Affiliation
<i>A Stroke of Nature</i>	Shanna Phu, Santa Fe College
<i>Rough Seas Ahead</i>	Jasmine Yab, University of South Florida
<i>Tillandsia Usneoides</i>	Magaleate Kostelnik, University of Tampa
<i>Odd Cluster</i>	Nader Tabsh, University of South Florida
<i>Struggle Pretty</i>	Emma Moody, Florida State University
<i>These Bones</i>	Margaret May, Florida State University
<i>Measuring Perfection</i>	Ksenia Yrigoin, University of South Florida
<i>Stop. Look Up</i>	Anna Tripp, Jacksonville University
<i>Inner Dragon</i>	Krista Bustamante, Tallahassee Community College
<i>“Yeezy-The Lyrical Angel”</i>	Sedricka Morris, Tallahassee Community College
<i>Self-Portrait</i>	Vanessa Morency, Valencia College
<i>The Beauty and Hardship of Motherhood</i>	Simona Wiig, Valencia College
<i>Beauty of Nature</i>	Kajalkumari Patel, University of South Florida
<i>Beatitude</i>	Jessica Young, Florida Atlantic University’s Harriet L. Wilkes Honors College
<i>Hang on Tight, Hold Your Breath, Our Adventure Begins Soon</i>	Wong Rodriguez, Jacksonville University
<i>Indradhanush-Rainbow of Love, Passion and Culture</i>	Pallavi Gopee, University of South Florida
<i>Beauty Is in the Eye of the Beholder</i>	Kristin McIntyre, Jacksonville University

Session 4: 2:00 p.m. – 2:50 p.m.

Pelican A:

Kirsten Hizer, Jacksonville University

“Exploring the Influence of Dance for Parkinson’s Disease on Cognition and Functional Mobility”

Parkinson's disease (PD) affects both cognitive and motor functions of those who have the disease. The symptoms of PD often interfere with everyday activities such as memory impairments and daily chores. Dance as a treatment addresses the PD patient as a whole, working the body, mind and socialization skills, by producing movements, planned and improvised, social interaction, following musical cues, stretching and balance exercises. The Dance Department, Kinesiology, and Occupational Therapy have partnered to offer the Jacksonville community a Dance for Parkinson's class once a week. For the twelve-week study the participants will participate in the class once a week for one hour, as well as take the Timed Up and Go (TUG) and Mini-Cog tests prior to the study, at the six-week mark, and at the completion of the study. We hypothesize that upon completion of the 12-week dance intervention the participants will demonstrate improved TUG and Mini-Cog scores.

Lisa Manners, St. Petersburg College

“Sleep Disorders in Children Causing ADHD? Treatment with CPAP Vs. Medications”

In this presentation, I will discuss Sleep Disorders in children that are causing the symptoms of attention deficit hyperactivity disorder (ADHD) and which treatment is better for the child. First, a discussion on what ADHD in children is described as, and the two types that are generally diagnosed. I will also go over the importance of testing children for a sleep disorder before deciding a treatment plan. Then, we will go over what kinds of treatment options are available and the side effects of the treatments. This presentation is an informative discussion on treating children for a sleep disorder vs. treating with medications right away, for ADHD symptoms.

Alyssa Payne, Harriet L. Wilkes @ FAU

“Why did the 1961 Bay of Pigs Invasion Fail?”

This presentation will explore the many reasons why the 1961 Bay of Pigs Invasion failed. Upon analysis, there is no one cause of failure. The interconnectedness of events leading up to the 1961 Bay of Pigs Invasion, including miscommunication, a change in presidency, political tensions, and prominent attitudes during the Cold War makes determining an immediate cause for its failure difficult. Although many historians blame the Kennedy administration and Central Intelligence Agency (CIA), there are other possibilities. The combination of frail President Eisenhower, transition to President Kennedy, newly formed CIA, and need to extinguish communism resulted in catastrophic decisions leading to the Bay of Pigs invasion failure. Sources in this investigation include the official CIA report of the operation edited by Peter Kornbluh, congressional session government recordings, and secondary source informative books and websites to determine the invasion's most prominent causes.

*Pelican B:***Elizabeth Rose Rodriguez, Jacksonville University***“The Effect of Noise in a Classroom Setting”*

Research has shown that noise and reverberation in a classroom lead to poor retention rates, inability to focus and multitask within the student population. Reverberation increases the amount of sound lingering within the classroom which can diminish speech interpretation. This is especially the case with students that have conditions such as ADHD or who have cochlear implants. This compiled research will explore the negative impact of noise and reverberation on the learning environment as well as the added stress to teacher’s vocal cords. The compiled research analyzes effective protocols to be employed to improve classroom conditions for students and teachers. Techniques such as reducing the usage of open space classrooms and increasing the implementation of noise dampening materials have proven to be beneficial in improving acoustic efficacy in classrooms. More research in this field should be conducted to spread awareness and aid in proper acoustic learning environments.

Ilse Ulloa, Tamir Makev, Hillsborough Community College*“Sleep Deprivation in College Students: It’s Unsustainability in Academic Performance and Health.”*

Research has shown that college students are among the most sleep-deprived groups in today’s society, exposing them to the risk of at least one sleep disorder and academic failure. Sleep deprivation can result in lower GPA, compromised learning, lower cognitive task capacity, impaired mood, higher risk of suffering depression, and increased risk of accidents, among others. It is important that faculty and schools are willing to address sleep issues among college students through the promotion of sleep knowledge and encouraging healthy sleep habits.

Dominique Dubon, Florida State University*“The Relationship Between Cell Phones and Levels of Anxiety and Academic Performance”*

Organizations today searching for new ways to develop a more prolific work environment often take into consideration both employee productivity and well-being. Research on work life balance suggests that separating work from other daily activities can be beneficial for both productivity and well-being, but modern technological innovations have blurred this line between a work and social life. The shift to a 24/7 work environment has led to various studies searching for ways technology is affecting psychological health and the work environment itself. Past research suggests that cellphones impair academic performance, but effectively managing cellphone use may provide a channel for a better work life fusion. I believe that restricting the use of cell phones in classrooms may negatively affect academic performance and current mood while increasing levels of anxiety. If so, this would suggest that administrators may need to adjust their management of technology strategies in the classroom.

Osprey A:

Valentina Catinella, Jeffrey Ferguson, Daytona State College
“Do Memes Viewed on Twitter Affect the Current President’s Credibility?”

This experiment tested whether viewing memes found on Twitter affected people’s perception of Donald Trump’s credibility. To determine this, a survey was conducted asking participants to rate the President’s credibility before and after looking at a set of memes. What the survey found is the following: The majority of Democratic respondents gave a “Strongly Not Credible” rating for the President. The Republican respondents however, gave markedly different results, showing no clear majority to any particular category, pre- or post-meme, but instead had a variety of credibility ratings. The results from this data indicate that Republicans are indecisive about their feelings towards the President. They also suggest that people’s opinions are not easily swayed by a small portion of memes, but with the minimal shifting observed, one could theorize that with prolonged exposure, measuring credibility ratings over a long period of time, the results could be indicative of greater changes.

Gamaliel Arroyo, Daytona State College

“Do Controversial Events on Twitter have an Impact on the Presidential Approval and Disapproval Rating?”

This study looked at the effect of Twitter on presidential disapproval and approval ratings. By defining what may be taken as a controversial tweet, researchers took to Twitter and examined both past President, Barack Obama, and current President, Donald Trump’s personal and POTUS Twitter feed, due to the fact these are the only two Presidents who have a twitter during their term. From there, gathering data from the President’s approval and disapproval ratings from the days before and after the nineteen tweets had been posted, then calculating the net change in ratings. Further, determining a hypothesis that Twitter effect’s the approval ratings of Presidents. Resulting in there being no statistical significance in areas of their disapproval and approval ratings to prove the claim. In conclusion, there needs to be more extensive research on future Presidents and their Twitter accounts, to obtain a more solid answer.

Jason Wisniewski, Daytona State College

“Effects of Controversial Twitter Statements on Presidential Approval Ratings”

This research analyzes the impact President Trump’s controversial Twitter statements have on the average rate of change in public approval ratings. Researchers define “controversial” as statements that generate high media coverage and lead to polarization within the Republican Party. Researchers consider controversial statements based on the claim that these statements lead to a decrease in approval ratings. To calculate the rate of change in an approval rating, the presidential approval rating is taken the day before the controversial Twitter statement, and then again two days later so that the rate of change is evaluated over a total of four days (Gallup, 2017). Results from the study demonstrate that there is sufficient evidence to support the claim that President Trump’s controversial Twitter statements cause a decrease in the average rate of change in daily approval ratings. This means that President Trump’s controversial Twitter statements have an impact on his approval ratings.

*Osprey B:***Kiara Lee Caballero, Harriet L. Wilkes @ FAU**
“Race and the Environment”

My project is centered on the historical relationship between African Americans and the natural environment and why there is such a stigma with people of color in natural areas. The present-day relationship between African Americans and nature is complicated because they have been excluded from parks and ‘natural’ areas, as those spaces were traditionally preserved for white men. While black people toiled on the land for years, they were never given ownership or a sense of belonging on that land. Additionally, African Americans who become a part of the mainstream environmental movement are not concerned with the same issues that white upper-class men are, and instead, they focus on issues pertaining to inner city health conditions and grassroots organizations. African American environmental thought is therefore excluded from the regular narrative of the white heroes of environmental justice.

Destiny Twohill, Harriet L. Wilkes @ FAU
“The Societal Dimension of Sustainability”

Just as toxins can cause plants to wither, so too can a toxic social environment cause young people to wither. Difficulties in applying to universities, searching for jobs, or determining the next step after high school are issues that young people currently face. Therefore, it is important that sustainability be promoted to ensure success of our up-and-coming generations that will overall preserve our society as a whole. Examining sustainability from the dimension of society considers the factors needed to maintain our society such as cohesion, inclusion, and overall development. This study targets specifically the high school students and young adults in West Palm Beach, Florida. There are programs at organizations such as Urban Youth Impact that work to empower and instill life and job skills that are crucial for success, especially for their career goals. This research overview will explore the opportunities given within the programs and evaluate the benefits found to connect this study to the hypothesis that these types of programs that provide support and guidance can correlate to the sustainability of the up-and-coming generations and society.

Edward Richard Thinger, Jaclyn Chastain, Alex Amador, Florida Gulf Coast University
“Trails for Tails: Sustainable Service and Leadership”

“Trails for Tails” is an Honors service-based course where students work as a team to implement a large-scale event that fundraises for an environmental-related organization. Each year, this service course focuses on community engagement with a new focal partner and development of a large-scale event. These efforts foster student leadership, project management, communication, and interpersonal skills. Since the course is student-led, participants must work together and hold each other accountable to be successful. Through this, students learn effective teamwork, time management, and coordinated fundraising, and strategic marketing. This presentation will detail how “Trails for Tails” has evolved over time; how student input and engagement keeps the service project topical; and how attendees can design and implement a similar course at their respective institutions.

Eagles Nest B:

Luis Mesias, Daniela Limbania Castro Perez, Hillsborough Community College

Workshop: "Research Now and Sustain It Through Grad School!"

Research during the first years of college is complicated due to the misconception of suitable research topics, the myth of limited resources, and the fear of exploring different fields of study during the brainstorming process. This workshop will focus on debunking the research stigma, exploring the benefits of early research, and showcasing different pathways to start research projects. Included will be an overview of the research process, a list of useful skills and connections necessary before beginning, and solutions to possible roadblocks. Brainstorming sessions focused on the fields of science and humanities will be featured. The presentation is tailored for second-year students ready to start researching and first-year students who want to prepare for the process.

Session 5: 3:00 p.m. – 3:50 p.m.

Pelican A:

Xylia J. Horgan, Hannah Tatum, Florida Gulf Coast University

"Identification of Active Resveratrol Analogues on Triple-Negative Breast Cancer Cell Viability and Morphology"

While breast cancer is becoming more commonly diagnosed, various subtypes make treatment options limited depending on what type of cancer cell causes the tumor. The triple-negative breast cancer (TNBC) subtype lack receptors targetable by current therapies making them much more difficult to treat. Plant-derived compounds known as stilbenes have been shown to have many health benefits. Resveratrol, a stilbene compound, has been found to have anti-cancerous effects in various types of cancer, including breast. However, few experiments have been conducted with Resveratrol on TNBC cells. In this experiment, twenty-seven analogues of resveratrol were tested on three TNBC cell lines to determine effects on cell viability and morphology, with significant anti-cancerous effects observed. Sixteen additional analogues identified as active were tested to determine key functional groups corresponding to increased anti-cancer activity. The results obtained suggest significant anti-cancerous effects of resveratrol analogues on TNBC cells in both viability and morphological endpoints, supporting advanced studies into the mechanisms of action within TNBC cells.

Neugenia Joseph, Florida Memorial University

"The effect of sub-chronic of6-hydroxydopamine on mitochondrial quality control"

PINK1 protein protects cells from stress-induced mitochondrial dysfunction and causes the Parkin protein to bind to depolarized mitochondria to induce autophagy. Recent data from the Chambers' lab at FIU shows that SAB interacts with mitochondrial quality control proteins, such as JNK and PINK1, and is necessary for fission. It may be concluded that these proteins expression and interaction negatively affect the integrity of the mitochondria, which leads to neuronal cell death in Parkinson's disease.

Kaitlyn Kelley, Polk State College*“The Viral Life Cycle: Human Papillomavirus and Herpes”*

A virus is a microscopic pathogen that can cause harm to the individual in which it is multiplying inside of. Because a virus is made up of primarily DNA, it can easily accumulate its host's genetic material and replicate inside them. The host's genetic and cellular material is integrated into this duplicating process as seen in the lytic and lysogenic cycles. If the virus is able to adapt to and use this material, its ability to invade and affect other healthy cells is increased. As individuals attempt to treat the harmful effects of the virus, it begins to build resistance to certain drugs. Along with their own independent life cycles, this viral resistance process is one of the main reasons that dangerous diseases like Human Papillomavirus (HPV) and Genital Herpes (HSVII) are difficult to cure. Although HPV and HSVII are challenging diseases to find and prevent, research is currently being conducted on new treatments in search of a cure.

This presentation addresses the viral life cycle and resistance in terms of the Human Papillomavirus and Herpes diseases. It will not only describe the origin and prevalence of each disease, but it will also go in depth as to how each virus attacks and spreads throughout the human body. Even though there are common treatments for each disease, such as Acyclovir for HSVII, new treatments like genome editing will be discussed throughout the presentation as well. At the end of the presentation, the audience should be well informed about how a virus like HPV or HSV will attack their body, and how they can prevent resistance and spread from occurring.

*Pelican B:***Hayley Allison Furman, Seminole State College***“Intensive Grazing”*

In this presentation, I will be discussing the harmful impacts of nitrogen runoff from livestock farms, how *Brachiaria ruziziensis* has assisted other countries tackle the issue and its potential to be a solution for parts of the US.

Sandra Paola Un Jan, Kendall Karcher Florida Gulf Coast University*“Determining Effects of Leachate-Associated Toxicity and Dissolved Organic Nitrogen on Biological Wastewater Treatment and Effluent-Receiving Waters”*

Wastewater treatment plant (WWTP) managers have the difficult job of converting our wastewater into clean, safe water to be distributed back into the water table with minimal impacts to the environment. One of the many challenges these managers experience is managing landfill leachate loadings. The presence of leachate during wastewater treatment generally upset the process as it is known to cause ammonia removal inhibition which interferes with the microbes used to treat the water which, in turn, will affect biological treatment. As a consequence, the final treated water (effluent) often contains significant concentrations of nitrogen, and when it is sent to water bodies, the Nitrogen, a very rich nutrient, will cause eutrophication. This study aims to study the major pathway of Nitrogen inhibition in wastewater treatment in order to prevent high concentrations of nitrogen in wastewater effluent while providing sustainability to the environment by preventing eutrophication and protecting our water bodies.

Jenna Dawne Blyler, Jacksonville University*“Barrington Moore’s Model of Democracy Applied to Differing European Countries and Settlements”*

*Osprey A:***Rafael Braga Gomes, Dilast Leyva, Seminole State College***“The Food Waste Crisis”*

Food waste has a massive negative impact on our communities, and the world. With world hunger on the rise once again, and food waste surpassing the demands, it would seem like an easy fix. Feed the hungry and don't waste food. But, when consumers are purchasing more than they need and retailers overstocking more perishable items than they can sell, food waste seems like a never-ending crisis. It would seem that depending on government to correct these issues could be an uphill battle and efforts could prove futile. However, if we turn to our communities and provide education on food storage, shelf life, world hunger, and food waste it is possible to see a larger impact than one would expect.

Max Taylor Matheu, St. Petersburg College*“Food Policy Councils and Local Food Networks: Macro-solutions for Food Security”*

Food security research has been embedded within a limited context that has been marginalized by the lack of national interests and policy. The majority of the literature has focused on assessing the characteristics of low-access communities, and the socioeconomic attributes that define these problems. Solutions to addressing sustainable and effective reduction of food insecurity has been dependent upon unincorporated, unconsolidated, and small local agencies and individuals to ascertain the goals of their independent food network. However, the extent to which the problems are independent and isolated is a misnomer. In actuality, the problems affecting local communities in regards to food security are endemic of a larger narrative that places the emphasis on local and regional food networks, and how individual actors, municipalities, and agencies can cooperate to successfully address food policies that can empower, enrich, democratize, and provide sustainable and environmental solutions that afflict these communities. Food Policy Councils (FPCs) are detrimental to proper development and the administration of food policy at the local, regional, and national level.

Hunter Nicholas Hamilton, Hillsborough Community College*“Ending Campus Food Insecurity, One Plant at a Time”*

A recent study by the University of Wisconsin has found that one third of community college students do not know where they will get their next wholesome meal. The socio-economic impacts that limited sources of reliable food has on the college community will be explored in addition to the physiological and psychological effects of food insecurity among students. Sustainable methods to combat food insecurity will be discussed, including the steps one Honors Leadership group is taking at Hillsborough Community College to alleviate, if not abolish, food insecurity.

*Osprey B:***Christopher George Tepetitlan, Harriet L. Wilkes @ FAU**
“Connecting the Worlds of Art and Science”

The artistic creative process, though executed in a different medium, shares many similarities with scientific methodology. From the planning and research phases, to the active experimentation, notetaking, and analysis of results, art and science share a common ground in how they are undertaken. In the ever-changing world of education, there is a large push away from the arts and humanities, with many universities opting for the growth of STEM-centered curriculums. Yet, there is much potential for students of all disciplines to become more skilled, analytical, and creative in their own fields through the study of the arts. For when one views the world from a new perspective, the connections that unite each discipline become less farfetched.

Abosede Olatunji, Jacksonville University
“How Different Programming Languages Affect the Brain of a Programmer”

In this research, one will be able to learn how different programming languages affect a human's brain. There are several computer programming languages, some of which include: C#, Java, C, C++, PHP, Python, JavaScript, Structured Query Language (SQL), and so forth. Humans who can speak more than one language relate to people differently based on the languages that are used in such relationships. This is also applicable to computer programmers who are familiar with several programming languages. Although some of the programming languages have similar codes and contents, the fact remains that the way a computer programmer relates to one or makes use of one differs from the other. For example, C# is a programming language that is used mainly for creating applications while the purpose of Structured Query Language (SQL) is found in database related activities. These two languages differ, and a computer programmer will relate differently to these languages. As a result, this brings us to the purpose of this research which was to determine and learn how different programming languages affect the brain of a programmer.

Camille Hines, Broward College
“Parenting from a Child's Perspective”

I am proposing to do an individual presentation on the connection between parenting styles and adolescent academic achievement. I plan to discuss two main types of parenting styles, authoritarian and authoritative, and address them from a cultural perspective. While both styles involve placing high expectations upon the child to influence greater academic achievement, the authoritarian style reveals a stricter and more unforgiving treatment to a child, while authoritative parenting allows for more independence and flexibility. By analyzing Western parenting styles (American), and Eastern parenting styles (Asian), there is a clear relationship between the style and a child's academic achievement. Typically, Asian students perform better in schools than American students, and a part of that reasoning is due to how the child was raised. While the parenting style cannot have an effect on the accessibility to a proper and quality education, it can influence a child's academic performance in school.

Eagles Nest B:

Jil Shah, Maggie Morgan, Makenzie Weinninghoff, Silvia Huaman, University of Central Florida

Workshop: “Study Abroad With A Purpose: VIVA Mexico Service Learning”

In this inaugural study abroad trip to Chiapas Mexico, our students sought to empower the indigenous Tzotzil community through English education and lessons on gender roles and equality. Working with our partners, Universidad Autonoma de Chiapas and She Wins Mexico!, the students were able to renovate and provide much needed repairs to the school and classrooms while working on cultural competency and team building with their local peers. This was an applied experiential learning project which included a one semester course and an in country stay of twenty days. As a consequence of this trip, a new relationship was formed between the school Corazon de Maria and the University of Central Florida which will be renewed with the continuation of this project in 2018. Our students will discuss the multitude of service learning programs at the university and the different initiatives we accomplished in detail during the Viva! Mexico trip.

Session 6: 4:00 p.m. – 4:50 p.m.

Pelican A:

Danica Alexandra Murray, Florida SouthWestern State College

“The Sunny Side: The Implementation of Solar Power in Florida”

Solar power is a feasible method to slow the progression of anthropogenic climate change and effectively reduce the cost of power long term. As such, this proposal essay uses research to examine the implementation of solar power in Florida to create a sustainable future. Moreover, this essay illustrates the environmental, economic, and political implications of implementing solar power in Florida so the reader can recognize the feasibility and the benefits it will provide Florida and its citizens. This essay also explores some of the causes and effects of climate change in Florida. While solar power will not solve the problem of climate change, it remains an effective method to slow the progression of climate change and effectively reduce the cost of power long term, thus imparting a more sustainable Florida, both environmentally and economically.

Janel Clarisse Venzon Palomo, Jacksonville University

“Pathogenic Bacteria in a Changing River”

Vibrio vulnificus are potentially pathogenic bacteria that reside in tropical water and infect people through open wounds or raw shellfish consumption. Infection causes food or blood poisoning and occasionally results in amputations and deaths. This project seeks to isolate *V. vulnificus* from Florida’s St. Johns River, differentiate between pathogenic and non-pathogenic strains, and determine a correlation between concentrations and water parameters.

Water and oyster samples were collected from St. Johns River and a tributary, Sisters Creek, and bacteria from samples were identified with mass spectrometry. The pathogenicity of identified *V. vulnificus* isolates is being determined by analyzing capsules and hemolytic ability. Afterward, the temperature and salinity levels for optimal growth will be determined.

Since the salinities of St. Johns River and other Floridian waterways were impacted by flooding from Hurricane Irma and will be further influenced by dredging, the resulting growth of salinity-reliant *V. vulnificus* is of particular interest.

*Pelican B:***Michael Allen, St. Petersburg College**

“An analysis of both the Bush tax cuts and the current tax bill that was passed by Congress, with a focus on effectiveness in increasing economic growth and employment.”

My analysis begins by examining the historical evidence of the effectiveness of the Bush Tax cuts in stimulating economic growth and increasing employment. I then analyze the contrasting experiences of Kansas and California, with the former cutting taxes and the latter raising them. I find the historical evidence undermines the argument that tax cuts provide large economic benefits. I then explain the three economic problems holding back economic growth that neither tax bill addresses; secular stagnation, increasing monopoly power, and increases in stock buybacks and dividend payments to shareholders. I conclude with ideas for a tax framework that I think would more adequately address today's economic problems.

Eden Rae Gordon, Florida State University

“Implications of New Trends in Amazonian Literature and Media”

Throughout history, the Amazon has been represented as everything from an idyllic paradise to a barbaric Gehenna. These representations have had serious consequences in the treatment of the Amazon, as evidenced by recent insights into the theory of ecocriticism, which states that the media and the environment implicitly affect each other. Using both theoretical and historic works, this project analyzes future trends in the relationship between the global media and the Amazon. Today's media has ushered in an era of unprecedented self-representation, and the implications of this change on the environment may be integral in the preservation of vulnerable regions such as the Amazon. Recent works, including the upcoming film *El Rio*, show that this revolution in representation has already reached the Amazon. Using this film in particular, this project explores self-representation and related platforms as a conservational tool, in relation to a region that desperately needs it.

Lacey Nicole Mickler, Jacksonville University

“More than a Legend: The Story of the Murder on the Olympia”

On the night of June 30, 1905, a schooner named the *Olympia* set sail off the coast of Utila, an island near the mainland of Honduras, with thirteen passengers and a cargo full of gold. Two miles into the *Olympia*'s journey, all but one passenger were brutally murdered by an African man named Robert McField. Today, residents of Utila regard the *Olympia*'s tale as folklore, but it can be confirmed using newspapers and details obtained through descendants of the victims. In his testimony, McField says the people he murdered onboard the *Olympia* were his friends, but he was motivated to kill for the cargo of gold. The inhabitants of Utila argue that McField was prejudiced towards the white population. Over one hundred years later, the story of the *Olympia* has nearly been lost to legend, but the events deserve to be remembered as truth in respect of the lives lost.

*Osprey A:***Santiago Cruz, Daytona State College**
“The Influence of Twitter on Policy Perception”

This study tested the effect that following President Donald Trump on Twitter had on college student's perception of his policies outcomes and progress. Approximately 107 Daytona State College students responded to the survey, which consisted of nine questions, asking if the participants followed President Trump on Twitter and their stance on four policies previously tweeted about via a Likert scale. The participants were required to take the survey online and only the first 100 completed surveys were used. The results indicated there was significant evidence to show Twitter does affect users' perception of policies involving stopping North Korea and on progress being made on repealing the Affordable Care Act. After conducting the survey, a limitation was found. Questions were used when asking participants opinions, where statements would have been more appropriate.

Sofia C. Rivas, Daytona State College
“Retweets Don't Predict Presidential Approval Ratings During Tragic Events”

Multiple studies have been conducted when dealing with politicians and communications via social media, “The Political Power of Social Media” (Shirky, 2011), states “As the communications landscape gets denser, more complex and more participatory, the networked population is gaining greater access to information, more opportunities to engage in public speech, and enhanced ability to undertake collective action.” The research focused on how President Trump's social media presence would impact his approval rating if at all. The number of retweets gained through President Trump's personal Twitter and his approval ratings were collected. The study was made to uncover if the public's perception would be affected by the Presidents' social media. The data suggests that there is no correlation between re-tweets and net changes in approval rating, and it doesn't appear to show a trend.

*Osprey B:***Sarah Lynn Stamos, Harriet L. Wilkes @ FAU**
“A Study on the Genetic Risk Factors of Diabetes”

With diabetes, it is initially due to the fact that one inherits the genetic predisposition to the disease, and then something in the environment triggers it. In type 1 diabetes, a person has an autoantibody that attacks the body. Type 2 has stronger links through family lineage. Concerning reproduction and a gene that is passed genetically, it is important to look at the chances of such a disease getting passed on, and what factors might alter these chances. These studies are especially important with the great rise in type 2 that is seen throughout the world. Type 1 is also on the rise, and it is important to see why because this growing disease is autoimmune and the environmental factors aiding this disease must be found. This presentation will explore what factors are triggering these diseases and primarily look at what affects the chances of these diseases being passed on.

Vanessa Caridad Rodriguez, Seminole State College
"The Good, The Bad and the Truth Behind Virotherapy"

Virotherapy utilizes biotechnology to use viruses as agents to reprogram viruses to treat diseases. Virotherapy is used in oncolytic treatment as well as in viral gene therapy as a less invasive and more effective method of treatment. Cancer is a disease that affects millions with very few options of treatments, with the available options being completely exhausting for the patients as chemotherapy and radiation attacks every cell. This method attacks all cells in the body, both healthy and malignant so it's not specialized like virotherapy can be. Virotherapy can also be used in viral gene therapy which uses non-replicating viruses to deliver therapeutic genes to cells with any type of genetic malfunction or issues instead of using traditional medications for diseases like Parkinson's disease. Virotherapy has been an idea that has been present since the 1950's but doctors and patients should be open to this new way of treatment.

Sarah Lynn Stamos, Harriet L. Wilkes @ FAU
"Naturopathic Means of Controlling Blood Sugar Levels"

A major health concern in today's society is diabetes. There are many different forms of this condition, affecting 29.1 million people in the United States and 371 million worldwide. With a condition like diabetes, especially Type II diabetes, rising and growing exponentially, there is a need to look into naturopathic means of controlling blood sugar. Because the population is growing so steadily, remedies that can be grown and mass-produced through agriculture need to be further researched. Studies have shown that plants like cinnamon, mango, guava, soursop, and more have been able to control blood sugars in some countries where they're used. If these plants are studied further, they could help, not only individuals, but also to decrease the rise of this condition all over the world. This presentation will explore some of these naturopathic means of helping control blood sugars, and extrapolate on how these means can be further utilized.

Eagles Nest B:

Vinicius Vieira, Samantha Groom-Sheddler, Gitte Ost, Daniela Castro Perez,
Hillsborough Community College

Workshop: "International Students' Impact on Sustainable Globalization"

Sustaining today's trend in globalization can be encouraged through international students choosing to study in the U.S. A panel of both US and international students will explore globalization on the campus community as it relates to many disciplines such as sociology, technology, and political science. Group discussions and activities will aid in fostering new ideas on how to explore impactful dialogue and exchange.

Saturday Evening Activities

**** Dinner on your Own – list of restaurants at the end of Program ****

5:00 p.m. – 6:30 p.m.

Cohen Center Ballroom, Florida Gulf Coast University
7:00 p.m. – 8:00 p.m.

The Transformative Power of Music

Enjoy a program designed and presented by our Honors students.

Yun Cao - Music in Concert: Understanding Music Today. Yun, a sophomore piano major, has performed throughout the United States and abroad.

Lilian Hsu - Music as Medicine: Using Music for Healing. Lilian is also a sophomore, studying music therapy. She is a founding member and current Vice President of the FGCU Music Therapy Association.

Arienne Fort - Music in History: Listening with New Ears. Arienne is a junior vocal performance major at FGCU.

Directions to FGCU's Campus is located at the end of the Program.

Student Activity • *Paint Your Tote!*
Royal Palm Ballroom • *8:30 p.m. – 10:00 p.m.*

Be environmentally-conscious by painting a reusable canvas tote and making it your own!

Sunday, February 11

Breakfast • Oasis Restaurant

7:00 a.m. – 9:00 a.m.

Writing Contest Winners Presentations

Osprey A and Osprey B Rooms • 9:00 a.m. – 11:00 a.m.

Poster Session

Pelican A and Pelican B Rooms • 9:00 a.m. – 11:00 a.m.

List of Posters

Pelican A Room:

Presenter(s)	School Affiliation	Title
Linedia Masson, Tanesia Mckenzie	Florida Memorial University	Discovery of Norepinephrine Transporter Ligands from Marine Cyanobacteria for Neurological Disorders
Cameron Wakeland, Samantha Brown	University of West Florida	Diving into Leadership with Honors
Melisa Blasky	University of Tampa	A baseline examination of habitat preference of the Gulf pipefish (<i>Syngnathus scovelli</i>)
Madeline Perez, David Gaviria, Camilo Vivas	University of South Florida	The Short-Term Effects of Visual Thinking Strategies (VTS) Facilitation on Self-Esteem
Sara-Lynn Bernard	St. Petersburg College	Creating Degrees of Freedom
Kali Tomko	Seminole State College	Health Fitness Tracker Project: Utilizing Fitness Trackers and their Effects on Fitness and Sustained Academic Performance in the College Students
Alanah Cooper	Hillsborough Community College	Sustaining Culture
Samantha Tara Magdalena Groom-Sheddler	Hillsborough Community College	Healthy Eating: Environmental impact on Focus
Jessica Elizabeth Young	Harriet L. Wilkes @ FAU	Synthesis of a Soy Protein Hydrogel for Invasive Snail Control in Agricultural Settings
Nathalie De Leon Brea	Florida SouthWestern State College	Everyone Wins: An Exploration of Sustainable Business Practices
Gina Vallarella	Palm Beach State College	Climate Change is a Social Issue
Jose Martinez	Palm Beach State College	The Relationship Between Dispositional Narcissism and Adult Romantic Attachment

Pelican B Room:

Presenter(s)	School Affiliation	Title
Morgan Eve Humphrey	Florida Gulf Coast University	An Analysis of the Increasing Problem of Cigarette Butts on Beaches Globally, and a Proposed Solution for Local Usage
Giorgina Soto	Florida SouthWestern State College	Informing Individuals: Zoonotic Health Care and Sustainability
Alyssa Gosling, Cassiy Lundy	Florida Memorial University	The Use of Modified Ormosil Silica Nanoparticles for the delivery of chemotherapeutic agents with adjuvant hyperthermia and near infrared
Elsie Rosana Velasquez	Florida SouthWestern State College	Future Proofing: A Sustainable Solution to Save Our Dynamic Planet
Owen Michael Dyches	Florida SouthWestern State College	The Sandinistas, The contras, and the Struggle to Sustain Miskitu Culture
Janna Lee Linehan	Florida SouthWestern State College	Sustaining Mental Health: An Exploration of Integrative and Allopathic Psychiatry
Hady Bassem Mohamed	Daytona State College	Twitter and the Public Perception of President Trump
Wenny Cruz Lopez	Seminole State College	Microplastic Occurrences in Flagler Avenue Beach
Braulio Matias	Seminole State College	Physics Behind a Two-Ball System
Nila F. Cousar	Seminole State College	Algae Biofuel
Benjamin Aubrey	Palm Beach State College	Unnoticed Fighters
Mathew Merlo	Palm Beach State College	Application of Parabolas

List of Local Restaurants near the Holiday Inn

(All have the city as Fort Myers, FL 33913)

- ◆ P.F. Chang's: 239-590-9197; 10081 Gulf Center Drive
- ◆ Red Robin: 239-454-5532; 10021 Gulf Center Drive, #G225
- ◆ Connor's Steak & Seafood: 239-267-2677; 10076 Gulf Center Drive
- ◆ Twin Peaks: 239-245-9559; 16411 Corporate Commerce Way
- ◆ Pei Wei: 239-433-4208; 16441 Corporate Commerce Way
- ◆ Arby's: 239-437-1583; 16461 Corporate Commerce Way
- ◆ Culver's: 239-437-8572; 10050 University Plaza Drive
- ◆ Famous Dave's: 239-332-1048; 9924 Gulf Coast Main St., #130
- ◆ Cheddar's: 10040 University Plaza Drive
- ◆ Longhorn: 239-433-0286; 10030 University Plaza Drive
- ◆ Outback: 239-433-0097; 10045 Gulf Center Drive
- ◆ Chili's Grill & Bar: 239-433-4193; 9980 University Plaza Drive
- ◆ Panera Bread: 239-895-0945; 9970 University Plaza Drive
- ◆ Chipotle Mexican Grill: 239-437-5719; 10010 University Plaza Drive #102
- ◆ Zaxby's: 239-415-1688; 17500 Ben Hill Griffin Parkway
- ◆ Pita Pit: 239-274-7482; 10093 Gulf Center Drive #2
- ◆ PDQ: 239-220-5751; 17470 Ben Hill Griffin Parkway
- ◆ Pollo Tropicale: 239-433-4028; 17804 Benn Hill Griffin Parkway
- ◆ Foster's Grille: 239-437-9500; 9908 Gulf Coast Main Street #165
- ◆ Carrabba's Italian Grill: 239-690-2426; 10075 Gulf Center Drive
- ◆ Islamorada Fish Company: 239-461-4900; 10040 Gulf Center Drive
- ◆ Miller's Ale House: 239-461-9334; 10065 Gulf Center Drive
- ◆ Pincher's Crab Shack: 239-4155-4040; 10029 Gulf Center Drive

Directions to the Cohen Center Ballroom, Florida Gulf Coast University

****PLEASE PARK IN PARKING LOT 5****

Florida Gulf Coast University Address:
10501 FGCU Boulevard S.
Fort Myers, FL 33965

1. Start out going south on Interstate Commerce Drive toward Corporate Commerce Way.
2. Stay straight to go onto Corporate Commerce Way.
3. Turn right onto Homewood Suites Drive.
4. Take the 1st right onto Ben Hill Griffin Parkway/County Highway 885 for 2.3 miles.
5. Turn left onto FGCU Boulevard for .57 miles.
6. Go through two stop signs, then turn right at the red light.
7. Make the first left, then another left to enter Parking Lot 5.

The Cohen Center Ballroom is the building with the clock tower. The Ballroom is on the second floor.



Parking Lot 5