

SOFLMIND

RECLAIMING HOPE AND CHANGE

Annual Conference
of the

Florida Collegiate Honors Council

February 7-9, 2020

Hosted by

THE HARRIET L. WILKES HONORS COLLEGE
OF FLORIDA ATLANTIC UNIVERSITY



TABLE OF CONTENTS

Welcome.....	Page 1
At-A-Glance Schedule.....	Page 2
About FCHC and Mission.....	Page 4
Conference Etiquette.....	Page 5
Friday, Feb. 7th Schedule	Page 6
Keynote Speaker.....	Page 7
Saturday, Feb. 8th Schedule.....	Page 8
Breakout Sessions.....	Page 9
Workshops and Roundtables.....	Page 17
Art Entrants and Writing Winners.....	Page 18
Posters.....	Page 19
Sunday, Feb. 9th Schedule.....	Page 28
Breakout Sessions.....	Page 29
Workshops and Roundtables.....	Page 36
Backmatter.....	Page 37
Hotel Map.....	Page 37
Things to Do.....	Page 38

Welcome Honors Students and Colleagues!

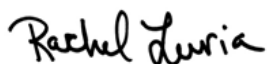
The Florida Collegiate Honors Council executive board and the Florida Atlantic University Harriet L. Wilkes Honors College is honored to welcome you to the 2020 Florida Collegiate Honors Council Annual Conference. It is an exciting time to come together as we enter this new decade.

There are many challenges that Floridians will face in this new decade and beyond. But with challenges come opportunities for innovation and improvement. None are better suited to seize these opportunities than you, the bright, young minds coming together from across our state.

This year's conference theme is *SoFloMind: Reclaiming Hope and Change*. This theme invites reflection on approaches for empowering, not just Floridians, but the global community to work through the challenges we face and respond productively in this time of uncertainty. Through collaboration and sharing of research, the Florida Collegiate Honors Council's annual conference is a way to reclaim that hope and envision pathways for meaningful change. We encourage you to reach out to your fellow honors students and exchange ideas, share your thoughts, and find those opportunities for innovation and discovery.

I want to thank the Harriet L. Wilkes Honors College Henry Morrison Flagler Scholars for all of their hard work. Without these students, this conference wouldn't have been possible. I would also like to thank the Florida Collegiate Honors Council executive board and, especially, Aaron Hanlin. Aaron has been an invaluable resource and I am very grateful for all of his help.

Here's to a successful conference, new friends, and inspiring ideas!

A handwritten signature in black ink that reads "Rachel Luria". The script is cursive and fluid.

Rachel Luria
FCHC President-Elect and 2020 Conference Chair
Associate Professor of Rhetoric and Composition
Harriet L. Wilkes Honors College
Florida Atlantic University

FRIDAY, FEBRUARY 7

4:00PM - 6:00PM	Registration
5:30PM - 6:30PM	Director's Reception
6:30PM - 8:00PM	Dinner Keynote Address
8:00PM - 8:15PM	Get Involved with FCHC
8:30PM - 10:30PM	Student Reception/Game Night

SATURDAY, FEBRUARY 8

7:00AM - 9:00AM	Breakfast
9:00AM - 12:00PM	Breakout Sessions, Workshops, Roundtables
12:00PM - 12:15PM	Break/Poster Set-up
12:15PM - 1:00PM	Art Exhibition and Snacks
1:00PM - 2:00PM	Lunch/Art Contest/Writing Contest Winners Announced
2:00PM - 4:00PM	Poster Session
5:00PM - 6:00PM	Watercolor Workshop at the H.L. Wilkes Honors College Campus
Evening	Explore Jupiter and Palm Beach Gardens Dinner on Your Own

SUNDAY, FEBRUARY 9

7:00 AM - 9:00 AM Breakfast

8:00 AM - 11:00 AM Breakout Sessions

11:00 AM - 11:30 AM Faculty/Staff Meeting and Election of
Executive Board
Student Meeting and Election of Student
Representatives

12:00 PM - 12:30 PM Annual Business Meeting

12:30 PM - 1:30 PM Executive Board Meeting

ABOUT FCHC

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, we have 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.

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

Aaron Hanlin	President	Seminole State College of Florida
Rachel Luria	President-Elect	Wilkes Honors College of FAU
Clay Motley	Past President	Florida Gulf Coast University
Kathleen King	Vice President	Hillsborough Community College
Kyla Williams	Treasurer	Broward College
Janet Haavisto	Secretary	Jacksonville University
Katherine Kellen	Writing Contest Coordinator	Seminole State College of Florida
Kara Hoorwood	Art Content Coordinator	Hillsborough Community College
Angela Mick	Two-Year Public Representative	Hillsborough Community College
Galen Papkov	Four-Year Public Representative	Florida Gulf Coast University
Kasey Tillman	Four-Year Private Representative	University of Tampa
Shelby Daidone	Two-Year Public Student Representative	Seminole State College of Florida
Eddie Thinger	Four-Year Public Student Representative	Florida Gulf Coast University
Dane Cordell	Four-Year Private Student Representative	Jacksonville University

ETIQUETTE

In order to ensure a positive conference experience, we ask that participants follow these guidelines:

- Conference name badges should be worn at all times including sessions, meetings, and meals.
- Be considerate of when session times begin and end. If you need to leave early, please wait until a presenter has finished their presentation.
- Please arrive to the session you are attending at least five minutes early.
- Presenters utilizing A/V should set-up and test their equipment prior to the start of a session.
- Show respect for the presenters by turning off your electronic devices.
- Moderators should be in every session to make sure presentations run the appropriate length and to moderate the Question and Answer session afterward.
- Show respect for other guests at the hotel.
- Dress appropriately for all conference events.

FRIDAY, February 7

4:00PM - 6:00PM

Registration.....*Lobby*

5:30PM - 6:30PM

Director's Reception.....*Atrium*

6:30PM - 8:00PM

Dinner and Keynote.....*Symphony Ballroom*

8:00PM - 8:15PM

Get Involved with FCHC.....*Symphony Ballroom*

8:30PM -10:30PM

Student Activity/Game Night.....*Wine Bar*

KEYNOTE

Christopher B. Strain, Ph.D.

Professor and Chair of Social Sciences & Humanities
Co-Director, Kenan Social Engagement Program
Harriet L. Wilkes Honors College, Florida Atlantic University

Christopher Strain is Professor of American Studies at the Harriet L. Wilkes Honors College of Florida Atlantic University. A historian whose research interests include civil rights, hate crime, and violence, he is the author of four books: *Pure Fire: Self-Defense as Activism in the Civil Rights Era* (Athens: UGA Press, 2005), *Burning Faith: Church Arson in the American South* (Gainesville: University Press of Florida, 2008), *Reload: Rethinking Violence in American Life* (Nashville: Vanderbilt University Press, 2010), and *The Long Sixties: America, 1955-1973* (New York: Wiley-Blackwell, 2016). He has published work in several edited volumes and journals, including *The Journal of African American History*, *The Journal of Hate Studies*, and *The Journal of Florida Studies*. He was named Researcher of the Year at FAU in 2011 and in 2006, when he participated in the NEH Summer Institute, “African American Civil Rights Struggles in the Twentieth Century,” at the W. E. B. Du Bois Institute for African and African American Research at Harvard University. He is Co-Director of the Kenan Social Engagement Program, a scholarship program that pairs students with local nonprofits while teaching them about social entrepreneurship. He is also Chair of Social Sciences and Humanities at the Wilkes Honors College, and serves on the editorial board of *The Journal of Civil and Human Rights*.

SATURDAY, February 8

7:00AM - 9:00AM

Breakfast.....*Atrium*

9:00AM - 12:00PM

Breakout Sessions I, II, III.....*Various Locations*

9:00AM - 12:45PM

Roundtables and Workshops.....*Various Locations*

12:00PM - 12:15PM

Break / Poster Session Set Up.....*Symphony Ballroom*

12:15PM - 1:00PM

Art Exhibition.....*Concourse*

1:00PM - 2:00PM

Lunch and Contest Winners.....*Symphony Ballroom*

2:00PM - 4:00PM

Poster Session.....*Symphony Ballroom and Concourse*

5:00PM - 6:00PM

Water Color Workshop at Harriet L. Wilkes Honors
College Campus

Evening

Explore Jupiter and Palm Beach Gardens

Dinner on Your Own

BREAKOUT SESSION - Bach

I. 9:00AM - 9:50AM

Alyssa Payne

Florida Atlantic University Harriet L. Wilkes Honors College

Personal Identity within Mariano Viñuales' Literature: Family, Politics, and Isolation Amidst the Spanish Civil War (1936-1939)

Mariano Viñuales is one of many Republican exiles of the Spanish Civil War (1936-1939) whose history was temporarily erased by the 1977 Pact of Forgetting, which is only now being recovered thanks to the 2007 Historical Memory Law. Access to his vast collection of works demonstrates an interplay of family, politics, and isolation uniquely characteristic to his experiences. This investigation aims to address the importance of Viñuales' contributions while deciphering the complexities of personal identity.

Taylor Moore

Seminole State College of Florida

That's So Gay, Steven Universe!: How Fusion Represents LGBTQA+ Relationships in a Children's Cartoon

It is crucial that children have LGBTQA+ representation in their entertainment. *Steven Universe*, a cartoon which features different facets of queer representation, lights the way this. I analyze an element of the cartoon known as fusion, which is used as a symbol for queer relationships throughout the show. Largely using queer theorist Eve Sedjwick's work on gender and sexuality, I argue against the censorship of *Steven Universe*, justifying the need for homonormativity in today's world.

Jessica Young

Florida Atlantic University Harriet L. Wilkes Honors College

Poetic Structure and Form in Seamus Heaney's "Station Island"

Seamus Heaney's "Station Island" is widely recognized as drawing upon the poetic form and structure of Dante's *The Divine Comedy*, utilizing thematic and structural linkages to tell of geographic and religious explorations of the self. However, the structure and form of Heaney's poem also strongly connects him with the works of James Joyce and William B. Yeats, showing Heaney's poetry holds the same ceremonial place of reflection on personal and cultural identity in Irish literature.

II. 10:00AM - 10:50AM

Yarinez Batista

Florida Atlantic University Harriet L. Wilkes Honors College

Identity in Burundi: An Analysis of Petit Pays by Gaël Faye

In *Petit Pays* by French-Burundi author Gaël Faye, we can see the identity crisis of the narrator, Gaby. Gaby who lives in a multicultural environment in Burundi with a Tutsi mother from Rwanda and his French father, when Hutu and Tutsi tension begins to rise, feels torn between his multiple identities. This presentation will analyze Gaby's multiple identities underlining his relationships with his environment.

BREAKOUT SESSION - Bach

10:00AM - 10:50AM Continued

Jiana Barker-Waters

Florida Atlantic University Harriet L. Wilkes Honors College

Nuyoricans of the 21st Century: The Continuation of American Assimilation or Cultural Revival?

Since American colonization in Puerto Rico, the island's culture has rapidly evolved. Puerto Rico has lost many of its native citizens to opportunities and better welfare that the continental United States could provide. Puerto Rican migration brings another rich history and culture to the famous American "melting pot". However, has assimilation of younger generations stunted cultural pride of Puerto Rican-Americans or are they on the verge of a cultural revival?

Deja Vaughn

Florida Atlantic University Harriet L. Wilkes Honors College

The Pink and Blue Dilemma

Gender is a social construct meant to promote identity expression. Status quo mandates a girl must love pink and a boy must love blue. Why is pink the epitome of femininity and blue the epitome of masculinity? Is a girl less girly if her favorite color is blue? This research will be deconstructing the need to associate gender with the colors pink and blue and the ramifications of their implementations in a postmodern society.

III. 11:00AM - 11:50AM

WORKSHOP

Melanie Valladares, Mary Hamilton, Gabrielle Tinsley, Giselle Tinsley, Olivia Dyer
Hillsborough Community College

Reclaiming Creativity

In a world absorbed by logic, the power of creativity is often overlooked and undervalued. With a noticeable lack of emphasis on the arts in modern education, student writers explore ways to express the artistic mind through the creative process using techniques taught in an Honors Creative Writing course.

BREAKOUT SESSION - Beethoven

I. 9:00AM - 9:50AM

**Arianna McCollum, Crystal Freeland, Miranda Perez, Lexi Smithers,
Leighanne Stose, Mmesomachi Okoh**

Daytona State College

The Relationship Between Dark Humor Through Memes and Depression in Young Women

With the ongoing evolution of the internet, there is a fine line to telling when a social media post is trying to be funny, or when it is a borderline call for help. Previous studies have neglected to research memes specifically identified as dark humor; this study reveals a possible linkage of young women expressing depression symptoms through the use of dark-humored memes.

**John Schulten, Veronica Mayor, Richard Morrison, Amina Eid,
Alexander Owen, Dalton Mrazik**

Daytona State College

A Comparative Study of Depressive Symptoms Among Daytona State College Students in Relation to Instagram Use

Researchers hypothesized that greater than 50% of Instagram users would exhibit passive-based usage, thus these individuals would exhibit higher rates of depressive symptoms than their active-usage counterparts. To test this, a survey was conducted among Daytona State College students. While the researchers can confirm that greater than 50% of students surveyed were passive users, results were not statistically significant enough to confirm that a relationship exists between different categories of Instagram use and depressive symptoms.

**Kyle Douglas, Heather Osterhouse, Kersten Parker, Peyton Thompson,
Mark Murphy, Leangelie Negron**

Daytona State College

Altered Instagram Photos' Influence on the Potential Development of Body Dysmorphic Disorder Symptoms Among Daytona State College Students

With loads of literature exemplifying how active Instagram use has negative repercussions on users, a study was conducted to learn more about the app's impact on the potential development of Body Dysmorphic Disorder (BDD). Researchers distributed a survey to 207 Daytona State College students asking questions relating to BDD symptoms, assessing self-image before and after exposure to photoshopped Instagram photos. Results indicated a potential presence of BDD symptoms for three of five gender identifications.

BREAKOUT SESSION - Beethoven

II. 10:00AM - 10:50AM

Owen Silvera

Florida Atlantic University Harriet L. Wilkes Honors College

The Strive For Happiness

Happiness: what is it, that thing everyone strives for? Ask anybody what their end goal is, and most likely it is to attain “happiness.” For millennia, philosophers have argued over the true meaning of happiness, and nobody seems to have a grasp of what happiness is. There is nothing fancy to the true meaning of happiness. Happiness is being confident and content with who you are. Happiness is a mental state, one which everyone is entitled to and no one is discriminated from reaching.

Dayana Torres

Florida Atlantic University Harriet L. Wilkes Honors College

Assessing Tolerance to Amphetamine Using C. elegans

Amphetamine (AMPH) acts at the dopaminergic neurons through the dopamine transporter (DAT), and once inside the cell, it leads to DAT-mediated efflux, resulting in an overall increase of dopamine in the synaptic cleft. However, the molecular mechanisms underlying tolerance to AMPH are not yet well understood. Swimming Induced Paralysis (SWIP), was used to test whether *C. elegans* develop sensitization and/or tolerance to AMPH. Our results show that repetitive exposures to AMPH reduced SWIP suggesting, therefore, that *C. elegans* develop tolerance to AMPH.

Alyssa Payne

Florida Atlantic University Harriet L. Wilkes Honors College

Neurofeedback Training Therapy: The Future of Treatment Options in Neuroscience

What do EEGs and movies have in common? They are both essential components of Neurofeedback Therapy, a type of biofeedback with the goal of reinforcing brain wave patterns most effective for optimal functioning. Combining modern-day electroencephalography (EEG) technology and elements of operant conditioning, neurofeedback has been shown to improve an array of brain-based disorders. This presentation will address the inner workings of neurofeedback, its results, and its future avenues of development.

III. 11:00AM- 11:50AM

WORKSHOP

Kara Horwood

Hillsborough Community College

Why Changing Your Major Isn't a Bad Thing

The legislature is making it clear through funding and other statutes that students pick a major that relate directly to their career plans. Often students realize “too late” that their intended major is just not right for them. Advisors must assist students in choosing the path that is best for each individual. Empower your students with activities for growth.

BREAKOUT SESSION - Mozart

I. 9:00AM - 9:50AM

Megan Novak

University of North Florida

Competition Between Range-Expanding Green Porcelain Crabs and Native Eastern Oysters in Coastal Georgia

Climate change facilitates pole-ward expansion of marine species, including suspension-feeding green porcelain crabs. The crabs could affect native suspension-feeders, such as eastern oysters, although the impacts are unknown. We assessed the effect of green porcelain crabs on juvenile oyster growth and survival, and found that crabs had a significant negative effect ($p < 0.001$) on oyster survival. Understanding the interaction between range-expanding green porcelain crabs and native eastern oysters will aid decision-making about oyster reef conservation.

Jillian Hanley

Florida Atlantic University Harriet L. Wilkes Honors College

Diving into Underwater Plants

Seagrass, like flowering plants, has adapted to thrive underwater instead of remaining a terrestrial plant. Its distribution extends from western Australia to Florida's waters. Although they can live in many locations, the abundance of seagrass has decreased in South Florida estuaries. We will explore the ability of seagrass to grow in saltwater and its role as a refuge and food source for marine animals.

Destiny Twohill

Florida Atlantic University Harriet L. Wilkes Honors College

Rethinking Hydraulic Fracturing

There is much physical and social literature on fracking. Unfortunately, there is a disparity between the physical science literature's description on the impacts of fracking and the alarming tone taken in some popular press and social science literature. This disparity may be a result of a shift in the geography of energy production in the United States. Taking on a geographical approach may reveal that hydraulic fracturing is neither wholly good nor bad, but acceptable to an extent.

II. 10:00AM-10:50AM

Kara Daniel

Seminole State College of Florida

Alligator Awareness

This presentation seeks to educate ill-informed Floridians about the American alligator. Through an interview I conducted October 3rd, 2019 with Mr. Don Jacobs, a licensed alligator trapper, this research began as I realized that I myself was unaware about alligators, their population regulations, and correct safety precautions. This presentation informs about the American alligator and how awareness is important for humans to be safe and at ease, desiring to further the education and safety of Floridians.

BREAKOUT SESSION - Mozart

10:00AM - 10:50AM Continued

Anna Tripp
Jacksonville University

Assessing the Variability of Fish Diversity in the Artificial Reefs at Blue Heron Bridge, WPB, FL

Blue Heron Bridge is known internationally as one of the world's best shore dives. In this study, I examine fish populations at each of the 15 reefs. Data for this study were collected during February and June 2019. All fish were identified and classified into functional groups such as herbivore, carnivore, and omnivore. They were also categorized as juveniles or adults. The goal of this study is to examine the success of these artificial reefs.

Taylor Moore, Tyler McCoy, Gabby Bosse
Seminole State College

Environmental and Economic Policy

Since President Donald Trump's inauguration, the state of environmental policy in the United States has undergone a series of paradigm shifts. Systems such as the Paris Agreement have been cast aside in favor of economic growth and environmental exploitation. By examining the role of the Executive Branch and environmental lobbying groups, we can begin to understand the basis for rollbacks and reversals in the face of an increasingly deteriorating environment.

III. 11:00AM - 11:50AM

Cesar Hernandez Isidro
Florida Gulf Coast University

Tracked Powered Wheel Chair Base With Variable Width: Design & Development

Powered wheelchairs (PWCs) tend to be bulky, creating limitations in environments with narrow spaces or uneven terrain. This study developed a PWC that is compact and maneuvers through a wider range of terrains. The device consists of a drive mechanism, and a geometry for ascending and descending stairs along with driving over uneven terrain. The ratio between mass of the device and the user could be adjusted for more stability, or the location of the user could be articulated in future designs.

Gionela Lepage
Santa Fe College
Navier-Stokes Equations

This presentation analyzes the Navier-Stokes equations, a famous differential equation, by describing its components, examining their sets of equations for momentum and continuity, and applying them specifically to cardiovascular fluid mechanics, e.g., blood flow through an artery.

Kayla Decker
Florida Institute of Technology
The Relationship between Black Holes and their Galaxies

Hope and prosperity are developed by new ideas, which come from researching topics like black holes that could impact society when applied in deep-space travel. This presentation analyzes data from John Kormendy and Luis C. Ho (2013), who investigated whether black holes grow with their host galaxies. If so, this follows from black holes "eating" matter while galaxies "form" matter like stars. However, some systems do not follow this trend, causing debate in the field.

BREAKOUT SESSION - Chopin

I. 9:00AM - 9:50 AM

Adil Riahi

University of Central Florida

Optimizing A Solar Power Plant's Efficiency

The Parabolic Solar Trough is a reliable device in the solar energy industry that can reach between 150-300 °C to produce electricity at a rate of 18.9 cents per kWh. The purpose of our study is to optimize the efficiency of the Parabolic Solar Trough power plant by observing the thermal losses and enhancing the characteristics of thermal components. This study resulted in a production of a gross annual energy of 515.13 KWh.

Edwin Washington

Tallahassee Community College

Minorities for STEM Majors

This presentation studies the benefits and issues females and minorities face in S.T.E.M. majors. S.T.E.M. stands for Science, Technology, Engineering, and Mathematics majors that can be sought out at Tallahassee Community College, and many other institutions. This presentation addresses the pros and cons of being a female/minority in S.T.E.M. majors and the many opportunities S.T.E.M. majors have at their disposal.

Sara Haman

Florida Atlantic University Harriet L. Wilkes Honors College

The Biased Heart: Investigating the Place of Empathy in Moral Philosophy

Moral philosophers define empathy as the capacity to take the perspective of another being and share in their emotions; this is not inherently positive. Though empathy can guide moral decisions, it is not synonymous with morality and can even incentivize immoral behavior. This talk will consolidate a variety of views, spanning neuroscience, psychology, and philosophy, on the relationship between empathy and morality, before considering whether refining the definition of empathy may improve academic discussion.

BREAKOUT SESSION - Chopin

II. 10:00AM - 10:50AM

Carol Makky, Alexis Bell, Ryan Estes, Olivia Gonzalez, Thien Thanh Le, Erik Libby
Daytona State College

Self Presentation and Impression Management on Fake Instagram Accounts

Psychological research on social media has covered self-presentation and impression-management, with little research on spam Instagram accounts and private secondary accounts. This study was to observe Instagram users' authenticity and engagement in impression-management. A survey was distributed to 83 Daytona State College students. The results suggest users presented more authentically on their spam accounts and engaged less in impression-management. These findings support past research that users use the two accounts to present two identities.

Iryna Vasko

Hillsborough Community College

Reclaiming Hope by Changing Inefficient Social Systems

The article "Something New: Society's Audit of Kenya for the 'Black Tax'" discusses the idea of this discriminating practice through historical, ethical, and social lenses. Analysis of the "black tax" and its effects in personal and professional context, ultimately, drawing on examples of how the film's heroine addressed and overcame challenges faced under the tax, will be explored with a call to reform inefficient social systems to bring hope and equality within communities.

Brianna Geiger, Isabella Arroyo, Aileen Gomez

Florida SouthWestern State College

Reclaiming Hope and Change: Empowering Individuals to Establish Aspects of, "The Good Life," in Their Everyday Life

It can be easy to lose hope for a better tomorrow; particularly during turbulent times such as these. While the world continues to evolve, so does our knowledge about how to acquire and enhance healthy living habits. In this panel presentation, students who took an Honors seminar titled "The Good Life" will share their experiences producing a magazine focused on a wide range of topics related to mental health and well-being.

WORKSHOPS & ROUNDTABLE

VERDEA

ROUNDTABLES

9:00AM - 10:00AM

Shelby Daidone, Gabriel Perez-Pujols
Seminole State College of Florida
Diminishing Disparities

Within our schools, it's imperative to create a sense of global citizenship. While we may not have the capabilities of sparking immediate change on a global level, any small initiatives on our campuses can enact innovative ways of thinking, acting, and inspiring future leaders. After attending the Salzburg Global Citizenship Seminar, maintaining cordial, productive discussions on universal issues and developing a collaborative stance on global citizenship ought to be prioritized.

10:00AM - 11:00 AM

Josue Rendon, Christian Kenol, Ivan Franco, Andy Lara
Palm Beach State College
How to Build an Honors Community in a State College

The Dr. Floyd F. Koch Honors College at Palm Beach State has seen a tremendous growth in attendance at events which has resulted in a better fellowship among peers. The Honors Student Advisory Council Executive Board will discuss their ideas and results to help others.

11:00AM - 12:00PM

Felipe Yamamoto Paganini
Hillsborough Community College
Youth Empowerment

A long-lasting solution for global problems is empowering youth. If youths develop a positive sense of self and feel confident to make decisions and to address challenging problems, several innovative solutions will begin to emerge, thus forming change in diverse areas of society. This roundtable discussion will illuminate some methods that already exist to empower youth and what else can be done.

ART ENTRANTS

Jesika Amoriello *Ballerina*
University of South Florida

Lauren Polimeno *Spring is Here*
Jacksonville University

Lauren Chidel *Beyond Borders*
University of South Florida

Elizabeth Pozen *Pathway to Light*
Jacksonville University

Shannon Cousineau *Preparations*
University of South Florida

Claire-Marie Rocke *Cleopatra*
University of South Florida

Caroline Crawford *Hana*
Santa Fe College

Daniella Segnini *Fossilized in Monochrome*
FAU Harriet L. Wilkes Honors College

Brianna Eisman *Beyond*
University of North Florida

Anna Tripp *La Pelota in Old Havana*
Jacksonville University

Alyssa Payne *Desert Rose*
FAU Harriet L. Wilkes Honors College

Iryna Vasko *Spring Beauties*
Hillsborough Community College

Renuka Persaud *Beginning*
University of South Florida

WRITING WINNERS

CREATIVE

RESEARCH

POETRY

Kimberly Calixte
Taylor Moore
Faith Runyon
Kacey Wood

FRESHMAN/SOPHOMORE

Isaiah Blasé
Allison Laudadio
Roland Spillmann
Elizabeth Steidley

FICTION

Jen Beebe
Mary Hamilton
Erin Najarro
Atilla Sulker

JUNIOR/SENIOR

Kimberly Calixte
Katherine Larsen
Kelly van Woesik

POSTERS

ARTS AND HUMANITIES

Alyssa Payne

Florida Atlantic University Harriet L. Wilkes Honors College

Mariano Viñuales' Selected Works: Recovering the Historical Memory of Republican Exiles in Spain

Over sixty years after his death, Mariano Viñuales's works remain underrepresented in the field of literature by Republican exiles of the Spanish Civil War (1936-1939). Due to his anti-Franco writing publications, Viñuales was exiled to Latin America (1939-1955), never able to return. This investigation intends to reconstruct Viñuales's personal and political history while examining how these factors influenced his impactful writings *Siembra* (1940), *El León y La Libertad* (1950), and *Mi tía Dominga* (1952).

Jessica Young

Florida Atlantic University Harriet L. Wilkes Honors College

Strange Frequencies: Development of a Post-Human Narrative

The sequential narrative presented is one of journey in a posthuman world, touching on questions of humanity, spirituality, and environment. The protagonist is an android searching for meaning and purpose in life without human direction, finding resolution to its concerns over meaning and soul. After surveying posthumanism, this work encapsulates a unique and missing perspective and delves into rapid environmental degradation and ever-evolving levels and functions of technology in the present and our near future.

Julexiua Ellis

Florida SouthWestern State College

The Facade Behind Fast Fashion: Looking Beyond The Labels

Fashion has shifted from a functionally based industry in the early Twentieth Century into a trillion-dollar enterprise within the last fifty years. The concept of fast fashion provides consumers the ability to purchase trendy clothing at affordable prices. Although the fast fashion industry has become a consistent practice for large retailers due to cheap production costs and fervent consumerism, the unjust treatment of factory workers and clothing waste directly influences human health and standard of living.

Jefferson Mendoza

Hillsborough Community College

How My Art Imitates the Honors Classroom

Like my photography, I find the Honors classroom requires particular elements for success such as space, intent, subject, with minimal distractions to allow for interpretation. This comes from my selected inspirations through my cultural background, my environment and other art mediums.

POSTERS

ARTS AND HUMANITIES

Stephen Sims

Palm Beach State College

The Free Will vs. Determinism Debate

Does the freedom that makes us human really exist or is it simply an illusion? Has every action we will make already been determined prior to our birth? These questions are answered as I defend the compatibilism between free will and causal determinism from the view of hard determinism. The implications for society are extensively explored.

Camila Rimoldi, Kyria Wickham

South Florida State College

The Great Miami Hurricane of 1926 Moves Inland: Death and Destruction in Moore Haven

As the 1926 Great Miami Hurricane traveled inland through Florida, it struck the small agricultural town of Moore Haven on the western shore of Lake Okeechobee. The inadequate earthen dike surrounding Okeechobee was breached and the town almost completely destroyed by the resulting flood. Buildings were damaged and victims were scattered. Rescue and relief teams from Sebring were slow to reach Moore Haven. Many victims could not be identified and were buried in mass graves.

Rebecca Venable

University of North Florida

The Impact of Faith-Based Organizations on Refugees in the United States

As refugees enter the United States, they are entrusted to the care of one of nine resettlement organizations. Six are faith-based—five Christian, one Jewish. Until 2016, the majority of refugees were not Judeo-Christian. This poster evaluates the impact of faith-based refugee resettlement organizations on refugees that do not share their beliefs. Specifically, the possibility of religious discrimination by these organizations, and whether the experiences of non-Judeo-Christian refugees are adversely affected by the resettlement process.

HONORS PROGRAMS AND COLLEGES

Elijah Tison, Jessica Bridge

Hillsborough Community College

Empowerment Through First Aid Readiness

Little did we know that during our Partners in the Parks project, that the three days of Wilderness First Aid training would pay off. Hear our story of a great program, how to be prepared, and how readiness can turn the unexpected into a happy ending.

POSTERS

HONORS PROGRAMS AND COLLEGES

Madelina Pellegrino
Jacksonville University

Comorbidity of Anxiety Disorders and Conversion Disorder

Anxiety Disorders have persistent worries that interfere with daily activities. One example is Generalized Anxiety Disorder. They are treated with medications and/or Psychotherapy. Anxiety can be comorbid with Major Depressive Disorder and Somatoform Disorders; such as Conversion Disorder. Somatoform Disorders have physical symptoms with no medical causes. Conversion Disorder has motor or sensory impairments from psychological factors. Conversion disorder uses Psychotherapy for treatment. Combined treatments could be more effective for Anxiety and Conversion Disorders.

Reem Sulaiman
St. Petersburg College
Learning New Language

Language is the key to communicating with people. Having a second language is one of the most important things to have in life. There are more than a million different languages spoken, such as English, Arabic, and Spanish. People use their languages to express their emotions and desires. It is important to remember that the positive effects from learning different languages are too significant for your life and your society to ignore.

Abbigayle Davis, Cosette MacLaren, Sarah Johnson
University of North Florida

Net-Zero Buildings

Net-zero carbon building encapsulates various technologies continuously improving in order to combat the climate crisis, and should be the center of concern as buildings output gigatons of carbon emissions annually. These buildings are meticulously designed to involve a unique mosaic of diverse solutions that contribute to net-zero carbon output. Our focus is to encourage universities to lessen their carbon footprint by implementing these as they expand their campuses and our global goals.

Allison Parker, Chloe Lopez
University of North Florida

L.E.A.D: Building Community and Leadership

L.E.A.D. is a Living-Learning Community (LLC) constructed and implemented by the UNF Hicks Honors College, designed to fit the needs of upperclassmen Honors students. The community is based around four core values: Leadership, Enrichment, Achievement, and Development. Through this community, students learn key skills to prepare them for life beyond college. They also have the opportunity to enrich the UNF community and the larger Jacksonville community through various projects and initiatives.

POSTERS

HONORS PROGRAMS AND COLLEGES

Kate Alyza Jaurigue, Erin Mari Poblete, Cassandra Cleland
University of North Florida
Composting at UNF

Composting is one approach that everyone can take to reduce climate change effects. Composting is a unique process that utilizes nutrients from organic matter and recycles it as fertilizer for soil. It combats climate change by reusing waste that would otherwise contribute to landfills that emit carbon dioxide, methane, and nitrous oxide. The goal of this project is to implement and expand a campus-wide composting program at UNF.

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Elizabeth May
Florida Atlantic University Harriet L. Wilkes Honors College
Analyzing the Antibiotic Activities of a Novel Depsipeptide KTG3 and Two Novel Soil Bacterial Strains

Antimicrobial resistance is a top ten danger to humankind. Tiny Earth (<https://tinyearth.wisc.edu>) students are seeking new antibiotics using soil from around the globe. Here, three soil bacteria (ESM16, ESM8 and KTG3) from Palm Beach County were tested to kill model bacteria. Newly isolated ESM8 and ESM16 bacteria show varied antibiotic activity. In particular, organic compounds isolated from ESM8 bacteria kill all nine bacteria tested and will be further purified and identified.

Abril Hunter
Florida State University
Climate Change Readiness in Lagos, Nigeria: Current Impacts and Future Prospects

This study investigates the current climate change impacts on coastal communities in Lagos, Nigeria. NASA's climate model is utilized to examine changes in precipitation intensity and sea-level rise by the end of the 21st century under different carbon dioxide emissions scenarios. The model results suggest that continuing to build infrastructure in Lagos is not sustainable. These findings highlight the necessity to focus on adaptation strategies involving the relocation of communities away from the coast.

Luciano Bettocchi
Florida State University
The Water is Coming: Perspectives on Sea-level Rise and Impacts in Key Biscayne, FL

Sea level rise in Key Biscayne, Florida could cause damage to billions of dollars of infrastructure by the year 2100. NASA Global Climate Model's projections are used to estimate the plausible ranges of sea-level rise. The model analysis suggests a sea-level rise of at least 0.6 m, even if greenhouse gas emissions are kept at the current rate. The findings show that the projected costs in damage outweigh those of a climate change adaptation plan.

POSTERS

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Ashka Shah, Lizzie Bilogo Nguema
Hillsborough Community College
Female Impact in STEM Workforce

According to the US Census Bureau, female employment in the STEM workforce has increased by 25% from 1970 to 2011. The impact of increasing female participation in STEM on growth in the scientific community will be examined and illustrated.

Rachael Hobbs
Palm Beach State College
The Clinical Study of Orthorexia

With the rise of awareness involving healthy eating and exercising habits, there has also been a rise in extreme behaviors relating to healthy eating. Clinically, orthorexia is “a pathological obsession with proper nutrition that is characterized by a restrictive diet, ritualized patterns of eating, and rigid avoidance of foods believed to be unhealthy or impure” (Koven). Orthorexia occurs when an individual’s choice to eat healthy changes into an obsession that controls their life.

Daliany Gerena
Seminole State College of Florida
Vertical Aquaponics Systems: Gateway to Food Security

Rapid food production and distribution have contributed to global climate change through the use of fossil fuels which increase carbon emissions into the atmosphere. My project explores some sustainable farming alternatives such as hydroponics and aquaponics systems intercalated with vertical farming as a component to preserve some of nature’s integrity while producing more food.

Anthony Zepeda
South Florida State College
MicroRNA as a Biomarker for Canine Congestive Heart Failure

Myxomatous mitral valvular degeneration (MMVD), a heart disease secondary to congestive heart failure (CHF), accounts for more than 70% of canine heart disease cases. Currently, no therapies are proven to prevent, slow, or reverse its development. The earliest means of detection are coughing and heart murmurs. Using RT-PCR and qPCR, upregulation of CHF-specific microRNAs in CHF-positive dog plasma would indicate microRNA as a biomarker for CHF in all stages of development, especially early on.

POSTERS

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Griffin Woods, Nancy J. Morrissey
South Florida State College

Roles of TGF β , SMADS, BMP-9, ALK1, Endoglin, and Activin A in Blood Vessel Formation in Endothelial Tumor Cells, and How These Components Could Be Manipulated to Arrest Metastatic Pathways

Angiogenesis, new blood vessel growth, is a response to injury, disease, or cancer in the body. Introduction of growth factor will affect endothelial cell proliferation and cell tube formation in this process. Three growth factors, BMP-9, TGF- β , and Activin A, will be compared for their effects on endothelial cell growth by MTT assay and their effects on tube formation on Matrigel. Expression of TGF- β family receptors ALK1 and endoglin will be tested by q-RT-PCR.

Etienne Albert
St. Petersburg College

Melzack-Wall Gate Control Theory Applied to Pain Management

Pain is one of the biggest mysteries to be unveiled by modern medicine. In 1965, the scientists Melzack and Wall introduced the Gate Control Theory that uses the concept of “gates” to describe how the pain impulses goes from the peripheral nerves to the spinal cord, and finally to the brain. The excessive intake of opioids to manage pain motivates scientists to research new ways to help patients deal with pain without developing drug addiction.

Dania Peralta
St. Petersburg College

An Investigation of the Difference of Wearing Shoes Inside the House Versus Not

Shoe soles are a means of transportation for bacteria. This was tested with two controlled experiments. The first experiment sampled 6 different homes, cultures were taken from the point of entry, to three different endpoints as measurements. The second experiment tested how flooring can promote transfer of bacteria. This was done by inoculating a pair of shoes with *E. coli* and counting the number of colonies of each step.

Sajan Green
University of North Florida

Elucidation of the Nocardioazine Biosynthetic Pathway

The nocardioazine natural products are uniquely prenylated and methylated indole alkaloid diketopiperazines (DKPs) that reverse drug resistance of cancer cell lines. We unveiled the nocardioazine biosynthetic pathway from a marine actinomycete, demonstrating that a cyclodipeptide synthase catalyzes *cyclo*(L-Trp-L-Trp) DKP precursor formation followed by tailoring of this DKP via a novel racemase, prenyltransferase, and methyltransferase to yield nocardioazine B. These results highlight bacteria's aptitude for chemical synthesis and offer new enzymatic tools for crafting complex molecules.

POSTERS

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Amber LaRoche, Austin Knight, Alex Justice
University of North Florida
Composting Combats Climate Change

Compost is organic matter that has been recycled and decomposed. Composting improves soil quality for agriculture, and composting food waste would also reduce roughly 30% of the materials that are put into landfills. Landfills produce large amounts of methane gas, which significantly contributes to climate change. By reducing the amount of materials going into landfills through composting, we would decrease methane emissions, as well as have higher quality soil for farming and landscaping.

Logan Morris
University of North Florida
Plant-Based Diet

The often misunderstood plant-based diet is the key to reducing climate change, through the power of consumption. The meat industry, livestock farms, and feed productions all lead to a large portion of the world's greenhouse gas emissions, accelerating the negative effects of global climate change. By implementing a plant-based diet and choosing meat alternatives that contribute to heavy pollution, a drastic reduction of the harmful temperature increase will be created.

Maria Pugliese, Ryan Prybylski, Francesca Wight
University of North Florida
Bioplastics

Our presentation discusses what bioplastics are, the applications of bioplastics, why bioplastics are the most efficient method in reducing global carbon emissions, and solutions incorporating bioplastics in our current plastic production in Jacksonville. The presentation begins with the official definition of bioplastics and its current applications. Next, we review the benefits and drawbacks of the use of bioplastics. Lastly, we explain the importance of bioplastics and offer solutions on a local and global scale.

Nicholas Strasser, Nathan Stratton, Nathaniel Rodefer
University of North Florida
Solar Farms: The Next Step

The urgency of climate change has caused us to shift our gears and focus on what we believe is the most effective step in combating this devastating threat. Through the use of solar farms, our group believes we can establish the first step towards a clean energy infrastructure. Throughout our poster, we identify the benefits and risks of solar farms, in conjunction with the necessary data to support our argument.

POSTERS

SCIENCE, TECHNOLOGY, ENGINEERING, and MATHEMATICS

Adrianna White

University of North Florida

Fbxw5 and Fbxo44 are Expressed in Skeletal Muscle

Skeletal muscle atrophy is a physiological condition resulting in decreased muscle size and strength. In a previous study, the molecular genetic events of denervation induced atrophy were analyzed through microarray which identified *Fbxo44* and *Fbxw5* as novel genes that are differentially expressed in response to neurogenic muscle wasting. To confirm previous findings, qPCR and Western blot analysis were used, and the data demonstrated that both of these E3 ligases are expressed in cultured muscle cells.

Evangelos Zimonopoulos, Victoria Hanson, Vincent Ly, Alex Esquivel, Nicolas Lopez

University of North Florida

Nuclear Fission Energy

To address proactive climate change, our group focused on nuclear fission energy, which targeted expanding the nuclear industry in first-world countries with high operational regulations to prevent historical disasters. The main focus was increasing global energy output while decreasing global carbon emissions through greater reliance on this low-emission energy source. To accomplish this, we supported public-sector lobbying to build local reactors, creation of international nuclear trade organizations, and subsidization of the industry in first-world countries.

Jillian Gomez

University of Tampa

*Mutation Induced by the Mutagen EMS in Sex-Lethal Causes Temperature-sensitive Female Sterility in the *Drosophila melanogaster* Mutant *fs(1)K741*.*

Classic complementation and duplication testing was employed to map the temperature-sensitive female sterile *fs(1)K741* mutant. This narrow region is the precise location of the master binary switch gene for sex-determination in *Drosophila melanogaster*, *Sxl* (Sex lethal). The splicing pattern of *Sxl* is ultimately responsible for the cascade in early development that orchestrates female or male development. PCR of cDNA from homozygous *fs(1)K741* females yielded both female and male splicing.

POSTERS

SOCIAL SCIENCES

Sara Haman

Florida Atlantic University Harriet L. Wilkes Honors College

A Bibliometric Analysis of the Multidisciplinary Structure of Moral Psychology

Moral psychology is both new and classical: one can track its evolution from Plato to modernity. Historically, moral psychology constituted a philosophical domain similar to ethics. Empirical measures were limited to moral development until recently; with the psychological study of morality undergoing resurgence in the past 20 years. This poster elucidates the current structure of moral psychology, how it interacts with its founding domains of psychology and philosophy, and the scholarly communities within the area.

Grace Blackard

St. Petersburg College

Causes of Violent Criminal Behavior

In this poster presentation, the causes of violent criminal behavior will be discussed. Violent criminal tendencies can occasionally stem from being abused or neglected as a child. It is more likely that violent criminal behavior is caused by biological abnormalities, that are exacerbated by childhood abuse. It is not a question of nature versus nurture. It is nature and nurture working together to create violent criminals, in some cases.

Colleen Carr, Kimberly Pesiri, Zachary Coughlin

University of North Florida

Reduced Food Waste

We are focusing on the issue of food waste in developed countries, its effects on our planet, and the best way to combat food waste at the largest source: consumers. We also touch on the data on food waste and how easy it is to resolve. Our goal is to make individuals in our country, specifically our area of Jacksonville, more aware of what they can do to reduce food waste's contribution to climate change.

SUNDAY, February 9

7:00AM - 8:00AM

Breakfast.....*Atrium*

8:00AM - 11:00AM

Breakout Sessions. I, II, III.....*Various Locations*

8:00AM - 11:00AM

Roundtables and Workshops.....*Various Locations*

11:00AM - 11:30AM

Staff Meeting and Election of Executive Board.....*Verdea*

11:00AM - 11:30AM

Student Meeting and Election of Representatives.....*Bach*

12:00PM - 12:30PM

Annual Business Meeting.....*Verdea*

12:30PM - 1:30PM

Executive Board Meeting.....*Verdea*

BREAKOUT SESSION - Bach

I. 8:00AM - 8:50AM

Renee Sealy

Florida Atlantic University Harriet L. Wilkes Honors College

The Uninhabitable Earth: The Government's Possible Intervention in Regards to Climate Change

The Uninhabitable Earth, a book published by David Wallace-Wells, stresses the worst-case scenarios of climate change on human health and the future of life on Earth. Life on Earth will and has drastically changed due to human causes; specifically, the state of Earth's freshwater supply, the oceans, and marine life. To remediate climate change, the government must intervene on a larger scale and incorporate renewable energy sources to reduce carbon emissions into the atmosphere.

Nihasika Gopi

Florida Atlantic University Harriet L. Wilkes Honors College

Solar Technology: A New Approach to Cancer

Cancer is the accumulation of cells uncontrollably dividing and spreading to the tissues around the body. There have been many different studies trying to find cures or decrease tumors. Recently, studies have shown that solar energy is being used to detect and attack cancer cells. An inverse relationship between solar energy and invasive cancer has been shown with this new technique. Though very recent, this new technology looks promising for the future.

Alex Marsh

Florida Gulf Coast University

Effect of Human Development on the Herpetofauna Community in the Peruvian Amazon

Vertebrates declined 60% since 1970, in response to human development of natural areas. The understudied Peruvian Amazon has seen this growth of human development into natural areas. This study is the first to record herpetofauna biodiversity in three habitat types in lowland Peruvian rainforest. Species numbers and diversity were similar between primary and secondary forest; however, agricultural pastures had fewer animals. As Amazonia continues to develop, understanding these effects is vital to conserving one of the most biodiverse areas.

II. 9:00AM - 9:50AM

Mario Del Rio

Florida Atlantic University Harriet L. Wilkes Honors College

Medical Rights for Minors

Parental rights have always been placed above a minor's rights, a precedent from common law under the rationale that the guardian will do what's right on behalf of their child. The mature minor doctrine has culminated in a "rule of thumb": if the minor can understand benefits and consequences of a medical procedure, then consent from the minor could hold in court. Determining whether this doctrine is enough to give minors a voice is the goal of this paper, and will be achieved through close examination of relevant case law.

BREAKOUT SESSION - Bach

9:00AM - 9:50AM Continued

Edward McFarland-Catalan, Kathleen McBride
Seminole State College of Florida
How Money Influences Politics

PAC money increased due to the 2010 Supreme Court decision that corporations and unions cannot be prohibited from promoting election of candidates. This has led to donations to PACs, so long as groups don't directly support a candidate or political party. Legislators may consciously or unconsciously prioritize the interests of donors over those of constituents. It is hard to pinpoint an observable relationship between a donation and legislative activity that repays this, but our work is able to identify the influence of contributions in the legislative process.

Khashayar Hatami
Hillsborough Community College
Finding Comfort in American Ethos

According to "Beyond Distrust: How Americans View Their Government," published by Pew Research Center, Americans just before the 2015 elections had the least trust in their government and their political leaders since 1958. There has never been a greater period of mistrust among different political parties in America. Reflecting on similar intellectual disagreements in the late 1700s among the founders, a discussion is required to find a remedy to current disagreements among Americans.

III. 10:00AM - 10:50AM

WORKSHOP

Maria Encinosa, Marisa Materazzi
University of North Florida
Setting a New Course to Engage Global Issues

We will discuss the development of a new first-year honors course at UNF: Self and Society. The class followed the tradition of service set by the Colloquium course, however, it was more diverse. Students focused on global issues and how to be deep learners. The students researched the UN Sustainability Goals and settled on climate change. The groups investigated and presented specific strategies to combat climate change to raise awareness and prompt action.

BREAKOUT SESSION - Beethoven

I. 8:00AM - 8:50AM

Katherine Ryan, Madison Hoyle
Florida Gulf Coast University
Utilizing Student Leaders for Fundraising

The FGCU Honors College houses a student-led Honors Senate, representing each college. Senators are tasked with putting on events, creating experiential learning opportunities, and fundraising. This semester, the Senate took the lead in organizing a campus-wide St. Baldrick's Day event to support childhood cancer research. By allowing students in our Honors Senate to take the lead on organizing such an event, our students have gained invaluable transferrable skills such as critical thinking, problem solving, communication, and organization.

Molly Menchen, Emilee Lopez, Gracie Brewer
Hillsborough Community College
Empowerment Through Service

As a result from a service project required to complete our Honors Leadership Course, we created a website to channel the hidden trailblazers of Tampa Bay. Through interviews, we focused on women in Tampa who have succeeded against all odds and social stereotypes. By sharing the stories, you might feel empowered and want to do something similar that can benefit you and your community.

Charlotte Pressler, MFA, PhD
South Florida State College

Embedded Undergraduate Research Projects in Honors Humanities Courses Attract Both STEM and Humanities Students

I will share innovations in embedded undergraduate research (UR) projects in SFSC's Honors humanities general education courses. (Several of our students will be presenting their research at this year's poster sessions.) Development of student research topics has been facilitated by an innovative National Endowment for the Humanities grant, and sustained by (among other things) dedicated faculty mentorship and creative librarianship. Interestingly, we have found that our students often participate in both STEM and humanities UR.

II. 9:00AM - 9:50AM

Mary Hamilton, Vishal Dasari, Felipe Yamamoto Paganini
Hillsborough Community College
Enhancing Educational Experiences Through Peer-Led Training

As students get acclimated to fulfilling the requirements of earning a college degree, we often struggle to find a balance between academics, extra-curricular activities, work, spending time with family and friends, and taking care of ourselves emotionally and physically. Honors Ambassadors of the Dr. Lydia R. Daniel Honors Program explore the benefits of Peer-Led Training workshops that guide students in finding a productive and purposeful balance for a well-rounded educational experience.

BREAKOUT SESSION - Beethoven

9:00AM - 9:50AM Continued

Dylan Barnes

Florida Institute of Technology

Reflection on the Influence of a Living Learning Community on a Newly Formed Honors College

Student engagement is a high priority in Honors Colleges. At Florida Tech, one of the methods addressing this challenge is an Honors College Living Learning Community (LLC). Grouping honors students into a concentrated living area encourages a higher level of interest and participation in Honors College activities and collaboration with motivated students. This presentation focuses on the influence of the LLC on the newly formed Honors College from the perspective of an honors student leader.

Abigail Sanjuan-Santiago, Sofia Halbisen

Florida Gulf Coast University

The Immokalee Immersion Weekend

We will give a presentation on the Honors College's annual Immokalee Immersion Weekend. This service learning program connects students with organizations such as the Student-Farmworker Alliance, the Fair Food Program, and the Coalition of Immokalee Workers. We will discuss how immersion service-learning weekends can be designed and implemented, in addition to educating the public on major features of Immokalee, Florida and how this program introduces students to these issues in an active, substantial, and thoughtful way.

III. 10:00AM - 10:50 AM

WORKSHOP

Erika Fornero-Monia

Tallahassee Community College

Diving into Another Culture: Learning a New Language and Overcoming Cultural Shock

This workshop focuses on exposing participants to new cultures. Their journey will begin learning about distinctions between languages and the reasons behind those differences, such as the contrasts between the frequencies of soundwaves in Italian and English. As the participants translate their assigned language, they will begin to experience culture shock. At this point, they will offer solutions on how to navigate, accept, and comprehend this unfamiliar phenomenon with the help of our suggestions.

BREAKOUT SESSION - Mozart

I. 8:00AM - 8:50AM

**Alexander Moker, Carlisle Murphy, Melissa Garner,
Lily Pandelos, Elizabeth Morris, Payton Underwood**
Daytona State College

Tinder in Relation to Self-Esteem

The aim of this study is to specifically examine the effects of Tinder usage on self-esteem. Researchers used the Rosenberg Self-Esteem Test as the base for the survey, which was administered across the Daytona State College campus and in select online course shells. With a total of 296 responses collected, the results of this study indicate a statistically significant relationship between low self-esteem and Tinder usage, and corroborate current research.

**Elizabeth DesRuisseau, Emma Bass, Jace Rowley,
Gerrit Bosma, Alexander Abularrage**

Daytona State College
Instagram's Effect on Self-Esteem

The effects Instagram has on self-esteem was researched since it has increased in popularity, with previous studies mostly focusing on Facebook. The researchers anonymously surveyed 325 Daytona State College students with the Rosenberg Self-Esteem Scale and original questions concerning Instagram use, likes, and followers. Participants with an Instagram account reported significantly higher self-esteem levels than those with no Instagram account, possibly because Instagram increases social capital, which contradicts previous findings that social media decreases self-esteem.

Johanna Brackett
Seminole State College of Florida
Texting While Driving

People losing their lives in motor vehicle accidents as a result of texting while driving increases yearly. Texting while driving is particularly hazardous because it involves a combination of all three forms of distractions while driving which include visual, manual, and cognitive distractions. Sending or reading a text takes a driver's eyes off the road, a driver's hands off the wheel, and a driver's thoughts off the road. Fortunately, for the state of Florida, the Florida legislature passed two new laws recently with the intention of making our roads safer.

BREAKOUT SESSION - Mozart

II. 9:00AM - 9:50AM

Jada Glenn

Jacksonville University

Common Characteristics of Patients with Hematochezia

Hematochezia occurs when a person bleeds bright red blood from their rectum. It can be caused by comorbid diseases such as diverticulitis, excessive alcohol use, or drugs such as the anticoagulant heparin. The condition is diagnosed with a colonoscopy or a flexible sigmoidoscopy, and can include treatments such as cauterization. To determine the most common characteristics of patients diagnosed with hematochezia, data from Mayo Clinic medical records were collected and analyzed.

Ashley Stevens

Florida Atlantic University Harriet L. Wilkes Honors College

The Doctor is Out

Advances in medicine have contributed to an increased life expectancy and a reduction in mortality rate. Yet, these undeniably favorable outcomes have led to an ironic issue: we are facing a shortage of physicians. While this issue is a global one, this talk will focus on the issue within the United States and will explore more deeply the causes behind the shortage, the nature of the shortage, and what may be done to ease it.

Jessica Young

Florida Atlantic University Harriet L. Wilkes Honors College

Cyborg Lineage

Clerk Maxwell posited the homunculus Demon, which would allow violation of the Second Law of Thermodynamics. The Demon, at one time or another, has been repeatedly pronounced dead in physics, only to be discovered in later works and sciences. For example, the Demon appears implicitly in Schrödinger's pamphlet *What is Life?*, where the most major inspiration to precipitate to molecular biology was to swap out the molecular Demon as homunculus to the Demon as "code". There became a fascination with how violations of the Second Law of Thermodynamics might come under the purview of something called "information", which would continue forward until it became a part of the development of the computer.

BREAKOUT SESSION - Chopin

I. 8:00AM - 8:50AM

Freshman/Sophomore Research Winners Reading

II. 9:00AM - 9:50AM

Junior/Senior Research Winners Reading

III. 10:00AM - 10:50 AM

Creative Writing Winners Reading

WORKSHOPS & ROUNDTABLES

VERDEA

WORKSHOPS

8:00AM - 8:50AM

Yana Bebieva

Florida State University

Teaching Science to Non-science Majors

This workshop focuses on the principles of scientific teaching by promoting inclusive classroom practices and evidence-based teaching. We will draw from the literature studying the effectiveness of various pedagogical methods and participants' examples to identify key approaches for verbally communicating math concepts to non-science majors in introductory courses. The goal of this interactive workshop is to assemble concrete strategies on cultivating scientific reasoning skills in students. The workshop is tailored for instructors in STEM disciplines.

ROUNDTABLE

9:00AM - 9:50AM

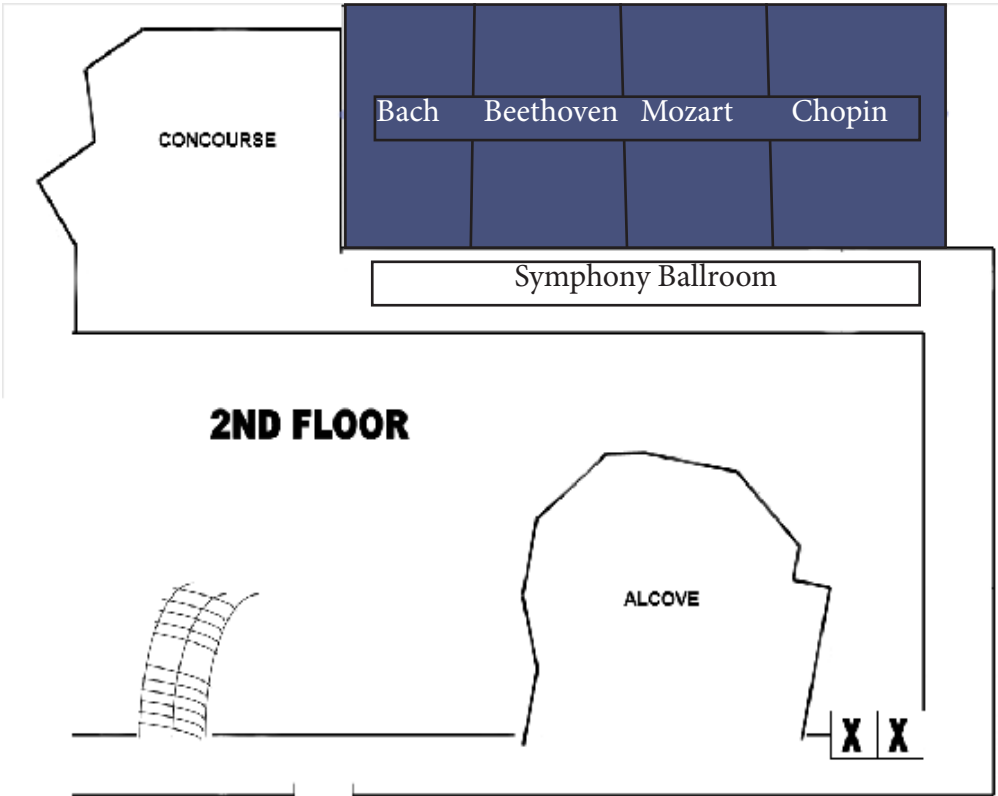
Jack Davis, Sydney Wissinger

University of North Florida

The Untamed Truth: Free Speech on College Campuses

“The Untamed Truth” is a student documentary that focuses on controversial “campus preachers” at the University of North Florida. This project reflects on the nuances of free speech and aims to empower its audience by exploring ways to find common ground when our values clash. We will begin with showing clips from our film, followed by a facilitated round-table discussion focusing on the main question: “Should all speech, regardless of how controversial, be protected on college campuses?”

HOTEL MAP



Verdea Boardroom is on the First Floor

THINGS TO DO

Harriet L. Wilkes Honors College

5353 Parkside Drive
Jupiter, FL 33458
<http://www.fau.edu/honors/>

Downtown Abacoa

1200 Town Center Drive
Jupiter, FL 33458
<http://www.downtownabacoa.com/>

Jupiter Lighthouse

500 Captain Armours Way
Jupiter, FL 33469
<https://www.jupiterlighthouse.org/>

Gardens Mall

3101 PGA Boulevard
Palm Beach Gardens, FL 33410
<https://www.thegardensmall.com/>

PGA Commons

5100 PGA Boulevard
Palm Beach Gardens, FL 33418
<https://pgacommons.com/>

Downtown at the Gardens

11701 Lake Victoria Gardens Ave
Palm Beach Gardens, FL 33410
<https://downtownpbg.com/>

Legacy Place

11290 Legacy Ave
Palm Beach Gardens, FL 33410
<http://www.shoplegacyplace.com/>

John D. MacArthur Beach State Park

10900 Jack Nicklaus Dr
North Palm Beach, FL 33408
<https://www.macarthurbeach.org/>

With Thanks to Our Member Institutions



Eastern Florida State College

Florida Atlantic University

Florida Institute of Technology

Florida Southern College

Gulf Coast State College

Hillsborough Community College

Indian River State College

Nova Southeastern University

Polk State College

St. Johns River College

St. Petersburg College

South Florida State College

University of Central Florida

University of North Florida

University of South Florida