



DISRUPTION AND ADAPTATION IN HONORS
Friday, February 12 - Saturday, February 13, 2021

PROGRAM

Hosted by Hillsborough Community College

Disruption and Adaptation in Honors

The year 2020 has shown that the unexpected can occur at any time in all facets of our lives. Through disruption we've learned to transition quickly and effectively. Nothing has made this clearer than the global pandemic, precarious economy, growing awareness of systemic racism, increasing demand for social justice, and a presidential election.

During the 2021 Florida Collegiate Honors Council Conference as we reflect back on 2020 (with 20/20 vision) and look forward past 2021 using our adaptations to disruptions as our guide to becoming exemplary honors students and faculty and better global citizens.

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;
- Provide students with greater opportunities for intercollegiate Honors program activities;
- Collaborate with the regional and national organizations which have similar goals;
- Encourage articulation and collaborative programming between Honors programs at associate and baccalaureate institutions;
- Increase the public and private awareness of and fiscal commitment to Honors programs and projects.

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Helen Tran, Student, Dr. Lydia R. Daniels Honors Program, Hillsborough Community College

Conference Etiquette

To ensure a positive conference experience, we ask that participants follow these guidelines:

- ✓ 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 for which you are presenting at least fifteen minutes early.
- ✓ Presenters should set-up and test power point /share screen before attendees arrive.
- ✓ Show respect for the presenters by turning off your electronic devices and eliminate other distractions.
- ✓ Moderators should be in every session to make sure presentations run the appropriate length and to moderate the Question-and-Answer session afterward, if, for some reason, they are not there, present in the order you are on the program.
- ✓ Dress appropriately for the entire conference – business or business casual.
- ✓ Do not attend the virtual conference while driving, lying in bed, sitting in a busy room, working at your job, or any other situation you would not be able to do if it was live/in person.
- ✓ Use chat for pleasantries but keep it to a minimum once the presentation(s) begin.
- ✓ Ask questions!
- ✓ Raise your hand for questions at the end of presentations.
- ✓ Roundtables are formatted for conversation, so please have cameras and mics on and be ready to participate.

In recognition: Janet Haavisto, who is retiring this term. Thank you for your dedication to your students, your program, and to your friends and colleagues at FCHC. We will miss you.

Schedule at a Glance

Friday, February 12

7 – 9 pm Craft challenge with prizes followed by Jack Box games.
Social hosted by Arete, the Dr. Lydia R. Daniel Honors Student Organization
Olivia Dyer, President

Saturday, February 13

8:30 am Welcome to FCHC's first ever virtual conference
Posters and Art Contest submissions will be available for viewing throughout the day

9:00 – 9:45 am Breakout Sessions I

10:00 – 10:45 am Breakout Sessions II

11:00 – 11:45 am Breakout Sessions III

11:45 – 12:30 pm LUNCH BREAK

12:30 – 1:30 pm Keynote Speaker, Talithia Williams, and Awards

1:45 – 2:30 pm Roundtables

2:45 – 3:30 pm Roundtables, Posters Q & A, Writing Contest Presentations

3:45 – 4:45 pm Business meetings and elections

5:00 – 6:00 pm Executive Board meeting

FULL PROGRAM

Friday, February 12

7 – 9 pm

Students: Craft challenge with prizes followed by Jack Box games.

Social hosted by Arete, the Dr. Lydia R. Daniel Honors Student Organization. Faculty are welcome to join.

Saturday, February 13

8:30 am

Welcome to FCHC's first ever virtual conference

Posters (back of program) and Art Contest submissions will be available for viewing throughout the day.

Visit our “Lobby” for Welcome, Introductions and assistance.
The “Lobby” will be open until 3 pm.

9:00 – 9:45 am

BREAKOUT SESSIONS - SESSION 1

SESSION 1.A

Global Leadership

Audrey Nyaning, Amsterdam University of Applied Sciences

In the Global Leadership honors course, two aspects are central: the UN Sustainable Development Goals (SDGs) and collaboration between the Amsterdam University of Applied Sciences (AUAS) students and the Hillsborough Community College in Tampa (HCC). Adapting to the Covid-19 circumstances and organizing an annual (this time online) Knowledge Café in January 2021 aims to bring the insights of all teams to the surface in a new way. The Global Leadership Magazine is a tangible and creative final product with students' contributions regarding sustainability issues researched through the course and discussed in the Knowledge Café. Join this presentation if you are curious about how to run an international Knowledge Café or how to create a Global Leadership Magazine!

Know Thy Virtual Self

Hannah Smith, Paans Alicia, Solana Bailey, Matthew Tertan, Robert Fleischmann, Tallahassee Community College

With the direct assistance of a Fortune 500 company, the Honors humanities class, prompted by the popularity of gamification strategies in modern business for training, formed a team corporation focused on integrating humanities skillsets needed in the growing virtual world for future success and growth. In partnership, the business shared needs for growth, for which the class developed a humanities-based training system, focusing how observation and analysis of the past can be used in the present to promote success.

SESSION 1.B

Democracy Coupons

Aubrie Gibbons, Florida Atlantic University

Doubtlessly, the world is watching the development of the United States. As a major superpower, the political course that the US takes has serious implications on other nations. The book *They Don't Represent Us* analyzes and proposes solutions to numerous issues regarding the US democratic republic; specifically, voter suppression, gerrymandering, winner-take-all electoral methods, and inappropriate campaign funding. In my analysis, I will focus on the book's proposed solution to inappropriate campaign funding: democracy coupons.

The "Voter Fraud" Dilemma

Jaylene Kennedy, Florida Atlantic University Wilkes Honors College

As we know it, the notion of voter fraud has been apparent in recent elections. Voter fraud has been characterized as a threat to the democracy of our nation and I would like to argue that it's not a threat, but a tactic to purge the votes. The use of false claims of voter fraud as a means to purge voters and enshrine minority rule are backed with no basis in reality with no evidence of widespread fraud.

Pandemic-Style Civic Engagement

Blake Wolanin, Florida Institute of Technology

In my role as Pomfret, CT, Zoom meeting manager, I coordinated and hosted all municipal meetings for the town during the pandemic. My presentation focuses on the pivot in community engagement in Pomfret, CT, to Zoom during the coronavirus pandemic, highlighting lessons learned shifting local government to an online format and application to students interested in pursuing community service. I describe my newfound political involvement and path to becoming a Justice of the Peace.

SESSION 1.C

Adaptation in the Face of Career Disruption

Meghan Bowman, Hillsborough Community College

For almost 20 years I had the chance to live my dream job as a professional in the dance field as a choreographer, performer, and adjudicator. In March of this year, a global pandemic hit and devastated the arts community. All opportunities I had were disrupted forcing a change in my career path. Ironically, dance is now leading me to a degree in communication and an exciting new career path.

Disrupting Barriers to Well Being Through Adaptation

Molly Menchen, Mariana Perdomo, Hillsborough Community College

As a result of the pandemic, areas of our college became severely underfunded or nonexistent which further contributed to the decrease of support for low-income individuals thus severely affecting the academic success of many. Our comprehensive proposal to connect students to sexual and reproductive health resources will increase the general well-being of students thus impacting academic performance through the connection of public benefits and social services."

The Myth of Poetry

Zoey Mazur, Florida Atlantic University-Wilkes Honors College

Poetry has a reputation for being difficult to understand, and most are only exposed to it in an academic setting as a mandatory assignment. Despite these obstacles, poetry has been proven to be an effective agent to reduce stress and facilitate positive self-feelings. My presentation will discuss the positive effects of poetry for writers of all levels and how to start writing for oneself as a form of self-care.

SESSION 1.D

A Martian Mystery: Seasonal Ices in the Korolev Crater

Brian Murphy, Florida Institute of Technology

As this century's space race gears up, with its sights set on Mars, it's crucial to fully understand the Martian water cycle and its notable seasonal variability. Through using the Mars Odyssey Orbiter, my research team investigated the Korolev Crater ice-sheet. We identified patterns in ice formation and located where and when pure or tainted ices are likely to deposit. By identifying these trends, we can pinpoint ideal times and locations for future ice harvests.

False Vacuum Decay in a Cosmological Context

Nico Braukman, Florida Institute of Technology

No disruption could be more total than a change in the very nature of a fundamental field of the Universe—an event known as false vacuum decay. This presentation gives a qualitative overview of false vacuum decay, with an emphasis on the cosmological implications of such an event. A vacuum decay-like phase transition is analyzed using C. Wainwright's CosmoTransitions software package, illustrating the relationship between potential energy and the shape of the decaying bubble.

The Problem With Space Junk

Owen McNamara, Harriet L. Wilkes Honors College of FAU

Space exploration has been creating waste ever since the Sputnik launch in 1957. Each mission to space discards hundreds of tons of metal and other materials into a low earth orbit, creating potential hazards for future exploration. In order to sustain our current capabilities of space exploration, this space junk must be removed. In this presentation I will discuss current methods of removal, and what the future of these efforts will look like.

SESSION 1.E

Teaching Refugees Through Storytelling and Integration Strategies

Hayley Ross, University of North Florida

Since June 2020, I helped develop and taught the "The New American Speaker's Program". The program is run by the nonprofit, WeaveTales, and is designed to encourage refugees to share their stories by empowering them through public speaking. My research compiles the data set of survey responses and student engagement from the first cohort. The research looks at the pedagogical methods important for ELLs and students with trauma, and methods of integration through storytelling.

Clothing Drive for Refugees

Kara Tetens, University of North Florida

People who face persecution or violence in their home country can apply to become a refugee to be sent to new country. This is a very challenging process and refugees have very few resources when they are relocated. Because of this, a clothing drive was created

in order to collect donations for clothes and soccer items. These clothes allow people to acclimate to the new culture and climate and soccer is a great connection between their home country and their new country. Through this drive, refugees can feel a little more at home.

What we Take With Us

Marium Houraney, The Wilkes Honors College at Florida Atlantic University

Conflict, genocide, ethnic cleansing, and other traumatic events have forced many groups of people to become uprooted from either their land or native traditions and having to adapt to a new reality. Often times, they take with them treasured folk arts and traditions that help them remember who they are, a symbol of identity. In this presentation, I would like to discuss a few different traditions, such as native beading and throat singing, and Palestinian embroidery, that became popular signs of hope, struggle, adaption, and identity.

10:00 – 10:45 am **BREAKOUT SESSIONS - SESSION II**

SESSION 2.A

Children’s Media ‘Madness’: Its Portrayal of Mental Illness

Alyssa Payne, Harriet L. Wilkes Honors College at Florida Atlantic University

With television shows like Steven Universe Future and movies such as Inside Out, mental health is rapidly gaining representation in children’s media. But what about characters depicted as ‘mad’ or ‘crazy’? This presentation aims to investigate how the majority of children’s movies and television shows portray characters with mental illness, how these impact children, and which changes are best suited to foster realistic portrayals of mental health.

How Mental Health is Linked to Genetics

Taylor Hamilton, Tallahassee Community College

Genetics and other environmental factors may contribute to developing a mental health disorder, but there is not one specific cause. Previous research attempted to link genetics to the onset of a mental health disorder. Other studies have investigated if genetics may aid in predicting that an individual develops a mental health disorder. If this correlation exists, enhanced psychiatric care and other treatment options are possible in the future. Certain genomes cause a predisposition to disorders.

SESSION 2.B

Dissecting Race and Epigenetic Research During the COVID-19 Pandemic

Maria Encinosa, University of North Florida

The COVID-19 pandemic requires a physical distancing from our social circles and our academic institutions. Yet, conditions of the pandemic offer student researchers new opportunities. My unique background in Biology, Anthropology, and Politics converged as I witnessed the disparities in COVID-19 infection rates and health outcomes within communities of color. In an attempt to process this jarring reality, my research contextualizes the epigenome’s permeability in larger discussions about the political construction of race, inheritance, and calls for racial equity. I analyze the potential for epigenetic research to operationalize the embodiment of racialized social experiences as comorbidities that enhance vulnerability to COVID-19.

Health Disparities and Solutions for Improvement through Implementation of Education Initiatives

Marina Sciancalepore, Ariel Joel, Florida Gulf Coast University

Health disparities as a result of social and political barriers and how nonprofit hospitals leverage Community Health Needs Assessments (CHNAs) to strategically deploy health outreach. According to the 2020 Lee County CHNA, rates of low health literacy and insurance coverage are alarmingly high. This presentation provides an introduction to the aforementioned disparities and solutions for improvement through implementation of education initiatives, designed to address inequities and social determinants of health.

Novel Stilbene Analogues Inhibit Viability of Breast Cancer Cell Lines in Culture

Nheikha Etienne, Kaelyn Julmeus, Meghan Seth, Lyndsay Rhodes, Florida Gulf Coast University

Breast cancer will affect 1 in 8 women during their lifetime. Breast cancer's susceptibility to drug resistance has increased the need for new therapeutic options. We have synthesized and tested 18 novel stilbenes compounds on three different breast cancer cell lines to determine their effect on cell viability. 11 compounds were found to significantly inhibit viability in at least two cell lines and have been selected for further study to determine lowest effective doses.

SESSION 2.C

Can there be positive outcomes of childhood abuse?

Alicia Paans, Tallahassee Community College

Childhood abuse can be devastating, I suffered at the hands of my mother. However, I like the person I am today and it seems as if a lot of people do. I connect easily with people and rarely do not get along with someone. This is the opposite of the person I was during my teenage years. This made me wonder; can be a positive outcome of childhood abuse one way or another?

The Importance of Seeking Help during the Covid-19 Pandemic

Braden Haggart, Florida Atlantic University, Harriet L. Wilkes Honors College

Preceding the COVID19 lockdown, I struggled with my mental illness, but I had begun seeking a therapist to help me work through OCD, anxiety, depression, and anorexia. Though complicated by the isolation of lockdown, I found innovative ways to treat and improve my mental health. In this presentation, I will share my own personal experiences and discuss the importance of creating a network of support.

Neuropsychiatric Symptoms in Dementia

Rasha Daaa, University of South Florida

A research study about neuropsychiatric symptoms, or NPS and how they relate to dementia and other Alzheimers-related dementias, or ADRD. Dementia is one of the most common types of disabilities and occurs as one ages. NPS, dementia, and the cognitive impairments that result could lead to other health issues or even worsen current ones.

SESSION 2.D

Prevention and Treatment Continuum for Vocal Fold Pathologies in Singers

Elizabeth Pozen, Jacksonville University

This presentation reviews pertinent literature regarding vocal fold injury associated with professional voice use. Singers in particular are prone to the following vocal fold pathologies: nodules, polyps, and hematomas. Discussion will include various surgical and behavioral treatment options, along with positive and negative side effects. Also included is a proposal for four treatment modules designed to educate singers on the following subjects: voice/speech anatomy and physiology, prevention techniques, vocal fold pathology type, and treatment options.

Antiviral and Antibacterial Properties of Various Cytokine Mimetic Peptides

Ibtissam Essaghir, Florida Gulf Coast University

Bacterial and viral infections are one of the leading causes of mortality and have increased treatment costs due to these pathogens becoming resistant to commonly prescribed antibiotics. Thus, the results presented here increase our understanding of the development of microbial peptides therapeutic for better treatment of bacterial and viral infections.

Utilizing XENA Functional Genomics Explorer to Analyze Fibronectin Gene Expression in Native Pancreatic and Pancreatic Adenocarcinoma

Nathalie Reyes, Florida Gulf Coast University

In the United States, pancreatic cancer is currently the fourth leading cause of cancer death in men and women. Pancreatic adenocarcinoma, an exocrine cancer, makes up 93% of these cases. Previous research in cell lines has linked structural changes in the extracellular matrix (ECM) to its aggressive behavior. We will focus on the publicly available patient data to determine if changes of gene expression in fibronectin, an ECM structural protein, hold true in patient populations.

SESSION 2.E

Gustave and Dennis_Social Realism Centuries Apart

Jada Glenn, Jacksonville University

Realism is a multi-defined movement of art that has been used for centuries. Beginning in the mid nineteenth century, the French painter Gustave Courbet, changed Realism from a style that was illusionary to one that carried socioeconomic meaning called Social Realism. Courbet, was a revolutionary because he focused his work on every day people and used his medium in a way that highlighted its materiality with thick, visible brush strokes. Both painters are of different times in history and used vastly different styles to expose the harsh realities of the working class, throughout this essay I will do a comparative analysis on these two artists and styles.

Identities in Question: The Search for Humanity as Depicted in Literature and Film

Michaela Fredrickson, Florida Institute of Technology

This presentation examines how Mary Shelley's Frankenstein (1818), Kazuo Ishiguro's Never Let Me Go (2005), and Steven Spielberg's A.I. Artificial Intelligence (2001) depict how this search for the human within ourselves is ultimately what showcases our humanity to others and gives the fictional characters of scientific or robotic origins the weight of truly human voices.

Pie in the Sky: The Making of a BTS Documentary

Noah McNair, University of Tampa

This study purposed to describe the process of narrative film production by investigating the works of other documentary filmmakers, researching short films and reviewing books published to explain other productions. Results include observations and recommendations from authors of BTS books and filmmakers including insights about where films succeeded and faltered through planning, execution, or in post-production, drawing in the audience through the use of perspective, voice, silence and dialogue.

11:00 – 11:45 am

BREAKOUT SESSIONS - SESSION III

SESSION 3.A

Teaching Historical Research at a Two Year College

John Ball Ph.D., Hillsborough Community College

In this presentation I will discuss the challenges for teaching research for first and second year students based on three semesters of teaching Honors history classes built around a research focus. I will go over the skills included under the blanket idea of research, how the course was structured to support students while guiding them through advanced skills, how to grade fairly, and finally the outcomes and student successes. It focuses on historical research, but the concerns and teaching skills are applicable to a broad range of disciplines.

SESSION 3.B

Detection Probability of the Herpetofauna Community in the Peruvian Amazon

Alexander Marsh, Florida Gulf Coast University

Less than 18% of snake species and less than 16% of lizard species globally have been assessed for conservation status. This is because many species are difficult to sample. Consequently, population monitoring using mark-recapture is not effective for many species because recapture rates are near 0. Instead, occupancy modeling using presence-absence data has been applied to distinguish imperfect detection from absence. This study documents the presence of new species within the Santa Cruz Forest Reserve.

Okinawan Resilience & Resistance: The U.S. Military's Impact on the Indigenous Culture in the Post-WWII Era

Eden Davenport, University of Tampa

The presentation will focus on the research question of how the U.S. military's presence in Okinawa, Japan has influenced local culture and politics in the post-World War II era. Throughout the presentation, I will detail the outline of my research process and how through second-hand, historical sources I was able to draw a conclusion on how Okinawan culture has faced erasure from the Japan-U.S. alliance. I plan to explain the discoveries of how Okinawa has faced continued cultural oppression and adversity as a former colony under a world superpower, and how the indigenous heritage has persisted into modern times.

Everglades National Park's Historical Impact on Native American Land Rights in South Florida

Katherine Ryan, Florida Gulf Coast University

While most Everglades National Park literature discusses the environment, research has overlooked key questions regarding Everglades National Park and twentieth-century Florida history. How did Seminole rights change following the park's establishment, and

how did its establishment influence the economy? My research argues that as a result of establishing Everglades National Park, Miccosukee and Seminole people experienced changes to land use rights that affected their legal sovereignty and economic opportunities in South Florida.

SESSSION 3.C

Title VII Civil Rights Act 1964: The Numerosity Requirement of Sexual Harassment in the Workplace

Katy Nadira, University of West Florida

Title VII was created to protect employees from being discriminated against by their employers. It specifically holds businesses that have more than 15 employees liable if one of their employees is sexually harassed. By reviewing the origins of the numerosity requirement, analyzing cases dismissed, and reviewing current articles on the topic, this research will determine the impact of this limit. We will discuss the potential impact on victims and small businesses if this limit is removed.

Inspiring Vision for College

Helen Tran, Hillsborough Community College

At some point in our lives, we each had concerns about entering college. Whether it was financial, social, or career choices, many of us sought someone to guide us on where to start and where to go for information and inspiration. In an Honors Leadership Course, my group had the opportunity to give back to our community by helping high school students to become more prepared and informed for college.

SESSION 3.D

Intercultural Communication

Iulia-Cristina Rusu, Amsterdam University of Applied Sciences

Intercultural Communication Honors Module contributed to my awareness related to the limits of communication, both verbal and non-verbal, in an international setting. For my case model project, I interviewed a Dutch medical specialist (psychiatrist), and analyzed the practices applied using Hofstede's dimensions and drew a comparison between Dutch and Romanian best practices of medical treatment. My case findings can be found: (<https://mtpdculture.org/category/cases/psychiatry/>).

Finally, I learned to develop healthy and interesting connections with people from several cultures, by perceiving actions and messages objectively rather than interpreting them based on my own cultural assumptions.

Hidden Identity Patterns & Processes in Young Adults

Emma Leonardo Solórzano, Harriet Wilkes Honors College of Florida Atlantic University

The study to be discussed, Identity Development in Early Adulthood, was a study conducted among a group of young adults that documented their identity development as they aged. The research confirmed that identity stability is progressive as maturity increases and provided new data on 20 paths of identity development in emerging adults with stable identities. The new findings have a wide-range of applications for future studies and provide a template for socially conscious young adults.

The 2020 Belarusian Protests- Why should America care?

Michael Berg, Florida Atlantic University- Harriet L. Wilkes Honors College

In Belarus, an eastern European country of about nine million people, average citizens have spent the past five months protesting against the presidential elections, which have given the authoritarian leader, Alexander Lukashenko, a sixth term in office. Though over 30,000 people have been detained for peaceful protests, most Americans don't even know where Belarus is. Why is this, and why is it important to care about this struggle for democracy in this country?

SESSION 3.E

Reimagining the Honors Symposium: From in-person to remote

Brooke Wheeler, Nancy Garmer, Kelly van Woesik, Florida Institute of Technology

The COVID-19 pandemic necessitated changes in how we gather, present, and discuss our research. This presentation outlines the process, challenges, and faculty and student perspectives in shifting from an in-person Honors Research Symposium scheduled for April 2020, to an online format. Looking beyond the pandemic, we forecast how these lessons can improve scholarship in honors colleges and explore future plans for the Honors Symposium.

Flywheels as a Viable Form of Energy Storage for our Future

Morgan Frost, Valencia College

Renewable Energy Supplies are on the rise, but with them is the issue of production fluctuations. A way to mitigate this is by using Energy Storage Systems. One promising form is that of Flywheel Energy Storage, which shows characteristics such as potentially low costs and general robustness. In this report, a look into FES is presented, along with benefits they could bring, comparisons to other ESS, and potential applications for the future.

11:45 – 12:30 pm

LUNCH BREAK

12:30 – 1:15 pm

KEYNOTE ADDRESS

Data-Driven Decision Making, Now and Imagined

Talithia Williams

Technology has a history of being a catalyst of change in training and education. We've seen it with desktop computers and, more recently, with the emergence of smartphones. But those shifts, substantial as they were, pale in comparison to the next big technological disruption: Data. In this fascinating talk you will discover how the advancing world of data analytics is forever changing the future of learning and work. You will explore the full landscape of data analytics, looking at both the expanding ways in which data is generated, and the advancements in analytics that make that data actionable. You will hear examples of data being used to better understand performance in both education and enterprise, and learn how those insights are being used to inform decision making and transform society.

1:15 – 1:30 pm

SCHOLARSHIPS AND AWARDS ANNOUNCED

1:45 – 2:30 pm

ROUNDTABLE SESSIONS

ROUNDTABLE 4.A **The Project Narrative Initiative: Uplifting Underserved High School Students through Outreach Mentorship**

Grace Anderson, Josie Lorea, Katherine Patterson, Roxanna Ruiz Rodriguez, Katherine Ryan, Rowan Steineker
Florida Gulf Coast University

Project Narrative is a pilot mentorship program connecting FGCU students with local, underserved high school students applying to colleges. Mentors work with mentees to develop compelling CommonApp essays. The program also includes guest speakers, discussions, and resources on adapting to college and career development. It aims to narrow the educational gap and diminish higher education barriers. Future goals include expanding student participation and providing service-learning and leadership opportunities to FGCU students.

ROUNDTABLE 4.B **Lead to Serve at Lovers Key**

Taylor Vickers, Calvin Finley, Ariel Joel, Lea Manniello, Alex Bilter, Katelin Hand
Florida Gulf Coast University

We developed a collaborative and mutually beneficial partnership with Lovers Key State Park through engagement in environmental education/advocacy by creating signs educating the community on the flora and fauna of Southwest Florida, developing the park's social media presence, creating educational materials for the park's Discovery Center, and leading direct service events at the park to clean and protect the local environment, while also adapting to the changes brought on by the COVID-19 Pandemic.

ROUNDTABLE 4.C **FGCU's Honors College Mentor Program: Adapting to Change through Metacognition and the Art of Digital Storytelling**

Arianna Smith, Lindsay Rushworth
Florida Gulf Coast University

Digital Storytelling has recently gained attention in higher education as a new approach to metacognitive learning. This year's Honors Mentors created digital stories with the goal of reflecting on their mentoring styles and leadership development. Honors Mentor Coordinator, Lindsay Rushworth, will discuss pedagogical approaches to digital storytelling. Additionally, Honors College peer mentor, Arianna Smith, will share her digital story.

ROUNDTABLE 4.D **The Rising Rate of Homelessness: Shifting a Generational Norm Through Action**

Nicole Araujo, Olivia Dyer, Katherine George, Paulina Fernandez, Jakai Wade, Emilee Lopez, Savannah Wegener
Hillsborough Community College

Homelessness is often considered a taboo topic. The subject makes people uncomfortable, and they often avoid discussing the issue. We believe that open discussion around homelessness will bring awareness and inspire solutions to the problem. Florida ranks third among the U.S in homelessness. When equipped with proper resources and tools, we can shift the stigma around homelessness and use the information to educate and encourage the public for change.

2:45 – 3:30 pm **ROUNDTABLE SESSIONS**

ROUNDTABLE 5.A Empowering College Women in Leadership Roles

Olivia Dyer, Nicole Araujo, Katherine George, Paulina Fernandez, Jakai Wade, Emilee Lopez, Lyanne Gonzalez
Hillsborough Community College

Then and now, women fight to become recognized in leadership roles. As college women, we are provided education to take on the roles we desire, but sometimes we do not feel equipped to accept the challenges before us. Through discussions, activities, and supporting materials, we will exercise the confidence that is inside each of us to encourage and empower ourselves and one another, in leadership roles.

ROUNDTABLE 5.B Going Beyond Adaptation and Towards a Growth Mindset

Kelley Torregiante
Hillsborough Community College

Faculty and students are invited to participate in this roundtable discussion about moving beyond adaptation to survive, and towards a growth mindset that helps us embrace the challenge and stretch our existing abilities, while having fun along the way! In addition, faculty and students can also share ideas about how to utilize the virtual classroom to build unique, engaging experiences into existing curriculum. The goal is to share, inspire, and support each other. Please join!

ROUNDTABLE 5.C Direct Admission Pathways to 4-Year Programs

Cayla Lanier, Charles Adams, Thomas Smith, Fai Howard
University of South Florida

The Judy Genshaft Honors College at USF has developed a Direct Admission Pathway for honors students transferring from any 2-year Florida school. We will discuss the details of this specific program, while also making space for a larger conversation about honors-to-honors transfer within the state of Florida. Panelists will include the Dean and Campus Directors of the Judy Genshaft Honors College, as well as USF's Assistant Dean-Upper Level Initiatives. Session best suited for Deans/Directors.

2:45 – 3:30 pm **WRITING CONTEST PRESENTATIONS**

Winning contestants are required to present an organized, concise overview of their papers, an excerpt from the story, or read the poem at the FCHC Conference. Only students who register for and attend the conference will receive awards.

Freshman / Sophomore Documented Research or Critical Thinking

- First “Keep the Tiny People Alive”: Biological & Psychosocial Impacts of Child Abuse on Development
Brandon Mahoney, University of South Florida
- Second “The 2014 Slenderman Stabbing: Mental Health and Media Obsession”
Ollie LeClerc, Florida State University
- Third Happily Never After: Gynocentric Misogyny in Margaret Atwood’s The Handmaid’s Tale
Carson Hendrix, Sante Fe College
- Fourth Climate Change and Social Inequality
Alison Roush, Florida State University

Junior / Senior Documented Research or Critical Thinking

- First The Skeleton in the Closet: Immigrant Experiences and Internment Camps
Allison Laudadio, Florida State University
- Second Every Political Circus Has Clowns: How global perspectives intersected with the 2016 U.S. Presidential Election through comedy
Gianna Cetrangelo, University of South Florida
- Third Psychology of Autism: The Individual versus Hollywood
Elizabeth Pozen, Jacksonville University
- Fourth Disney and Their Effect on Today's Youth
Morgan Carter, University of North Florida

Freshman through Senior Poetry Writing (one poem per student)

- First Golly Gosh Golly: The Adventures of Ella May Sue
Anna Zoorob, Valencia College
- Second Reflection, Introspection: COVID-19 Cut Into Segments of an Orange
Gina Gruss, Florida Atlantic University
- Third Dwarfed
Hailey George, Florida Atlantic University
- Fourth (Tie between 2 works)
Janus
Cailin Rogers, Florida Institute of Technology

AND

What's on the Next Page

Esmeralda Perez-Arita, University of South Florida

Freshman through Senior Fiction Writing

- First **Wasps and Bees**
Gina Marie Gruss, Florida Atlantic University
- Second **memory of la sarthe**
Jessica Young, Florida Atlantic University
- Third **Pool Day**
Jada Glenn, Jacksonville University
- Fourth **Memory Lane**
Elizabeth Pozen, Jacksonville University

AWARDS

First prize in each category: \$200 for the student

Second prize in each category: \$150 for the student

Third prize in each category: \$100 for the student

Honorable Mention in each category: Certificate

Only students who register for and attend the conference will receive awards.

2:45 – 3:30 pm

POSTER PRESENTATIONS Q AND A

Be sure to follow the link to view the poster presentations and videos, then join us in breakout rooms to meet the authors and discuss their project(s)

Poster Presentations in Alphabetical Order

Political Influences by the Catholic Church and Spanish Government in Colonial Mexico

Dorian Barboza, University of North Florida

The work presents some of the mechanisms that shaped Mexico during its colonization. As the colonizing Spanish implemented new laws, language, and religion, the Indians adapted to the changes. Although abuse and brutality existed, the work focuses on aspects that allowed Indian culture to merge with the European until eventually it became its own. The merger gave rise to a new culture that continues to combine Indian, Catholic, and Spanish into what is Mexico.

Islamophobia and the Rise of Right-Wing Populism in Eastern Europe

Hannah Bass, University of North Florida

Islamophobia has led to widespread human rights violations throughout the world, and Eastern Europe is a region that has seen an intensification of anti-Muslim sentiment in recent years. I believe this can be attributed to the growth of right-wing populism in countries like Poland and Hungary, and the use of Orthodox Christianity as a tool for rallying people against Muslims. The circumstances surrounding the increase in Islamophobia in Eastern Europe will be evaluated.

Alice in Wonderland Syndrome

Drew Burgess, Harriet L. Wilkes Honors College of Florida Atlantic University

Alice in Wonderland Syndrome (AIWS) is a neuropsychological condition in which sufferers believe they are living the life of a fictional character. Like the character, the rare few that experience this syndrome perceive themselves to be smaller or even larger than their surroundings. AIWS is a mysterious disturbance of perception rather than a psychological condition. Its association with migraines is often the focus. Though untreatable, focusing on making the patient more comfortable is advised.

School Gardens to Reduce Inequalities

Clio Chazan-Gabbard, Katherine Evans, Kathryn Fox, University of North Florida

We propose and advocate for a national non-profit organization that would implement, monitor, manage, and facilitate school gardens in underprivileged areas. We believe this is the best way to tackle the United Nations Sustainable Development Goal #10 Reduced Inequalities because school gardens in disadvantaged schools can level the playing field for all students, by reducing academic and health disparities, all while helping the environment.

Music Shaped the Counterculture of the 1960s by Capturing Events and Emotions of the Decade in Song

Katherine George, Hillsborough Community College

By examining the popular music of the 1960s, which included The Temptations, Mathew Jones, The Doors, Sly Johnson and Jimi Hendrix, Marmalade, The Beatles, and The Rolling Stones, we are able to understand the impact of the Vietnam War, the Civil Rights Movement, and the Counterculture moment of the 1960s.

An Event To Remember (Community Service Project)

Hana Kabil, Jonathan O'Berry, University Of North Florida

Our service project poster describes our Honors Colloquium first year experience at UNF where we created a Halloween event for refugee children in Jacksonville, FL. This will focus on our personal experiences and the larger themes that make helping a part of our community impactful especially in a global pandemic.

The New Normal in Education Delivery

Emilee Lopez, Beatriz Natera, Hillsborough Community College

The impact of the pandemic has affected our daily lives, which has directly altered education delivery and our way of learning. Understanding the differences between online and in-person learning is crucial in addressing how students learn best in the current learning environment. An analysis of the different effects these learning platforms have on students (benefits and drawbacks) will serve to provide meaningful change.

A Comparison Between Living Arrangements and Mental Health in University Students

Jessica Miceli, Florida Gulf Coast University

The mental health of university students, particularly first-year students, can suffer when separated from their hometown, family, and friends. The living arrangement choices undergraduate students make can affect their overall mental health. Choosing the best living arrangements for themselves could contribute to a better sense

of self and more motivation. The results of our study can be used to assist students in choosing housing or living arrangements that best accommodate their current mental health situation.

Reducing the Destructive Effects of Eutrophication Through Filter Ecosystems

Faith Nevin, Jessica Fliess, Jaelyn Floyd, Scott Claflin, University of North Florida

Eutrophication is a serious issue that is affecting aquatic and human life on a global scale. Eutrophication is caused by an excess of nutrients within an aquatic environment, leading to unnatural growth of algal blooms. This growth is responsible for deaths of organisms by blocking necessary factors for life within the water. This poster explains what eutrophication is, its devastating effects on the environment and society, and what can be done about it.

English Tutors: Level 100/200 Service

Erin Ogrodnik, Eleanor Ascheman, Samantha Brunjes, University of North Florida

Our group spent a semester volunteering with Catholic Charities of Jacksonville to help tutor adult refugees in English. We worked specifically with beginner level students, who had a very basic understanding of the English language. Despite the unconventional, virtual environment, we were still able to make an impact of the lives of the students, helping them to strengthen their conversational English skills. Our experience positively impacted not only the students, but our group as well.

Talking Planimlas! Identifying Genes Associated with Coral Bioacoustics

Camila Rimoldi Ibanez, South Florida State College

Possible genes related to the reception and/or emission of sound were tested to determine its presence in the coral specie *Cyphastrea*. These genes include WAKL2, Otof, FOLH1, and TRPV. Degenerate primers were developed for these genes which were later amplified via PCR. Agarose gels were utilized to test the presence of these genes. Preliminary trials seem to suggest non-specific amplification occurred during PCR amplification. Further trials are required to reach a well-supported conclusion.

Impact of the Framing Effect on Perceptions of Physical Disabilities

Rebekah Rodriguez, Florida Gulf Coast University

This study examines the impact of frame, or the way in which information is presented, on attitudes toward physical disability. Four hypothetical vignettes describe individuals who vary based on ability (physical disability versus no physical disability) and activity level (physically active versus not physically active). Two validated scales (Attitudes Toward Disabled Persons and competence/warmth stereotype content) assess attitudes. It is predicted that active disability conditions will relate to more positive scores. Results will be discussed.

Finding Biomarkers for Early Alzheimer's Detection

Savannah Snider, University of West Florida

The purpose of the current research is to identify a biomarker within human cerebral spinal fluid that would be used for early detection of Alzheimer's disease (AD). To attain this goal, we have used a phage-peptide display to screen for the presence of abnormal forms of tau protein. Because tau is so closely correlated with AD progression, we hypothesize that post-translational changes to tau represent a rational target for further biomarker development.

Florida Tech Reads

Jennifer Tolliver, Florida Institute of Technology

As a member of the Student Honors Council, I led the Florida Tech Reads initiative in which students create audiobooks on a volunteer basis by reading selections from within the public domain. The recordings are made available via YouTube for the benefit of everyone with particular attention to the visually-impaired, English language learners, young readers, and those suffering from eye strain due to the increased screen time resulting from the pandemic.

3:45 – 4:45 pm BUSINESS MEETINGS AND ELECTIONS

5:00 – 6:00 pm EXECUTIVE BOARD MEETING

WITH THANKS -

Wow! We made it – FCHC’s first ever Virtual Conference! Thank you for attending. Thank you for the patience necessary for us all to work through the vastly different way we have had to collaborate.

BUT MOST OF ALL, THANK YOU TO Aaron Hanlin, without whom none of this would have been possible. The President Elect is supposed to do the heavy lifting for the conference, but Aaron Hanlin is the hero in this entire production – THANK YOU!

Also, many thanks to the faculty (Angela Mick, Kenneth Hawkins, Quakish Liner), staff (Anthony Hurtado, Kara Horwood, Lauren Furry) and students (Olivia Dyer, Katherine George, Chidera Ibewuike, Whitney Kenol, Jennifer Lopez, Dalia McCloud, Sade Mitchell, Naleem Patel, Brianna Rivera-Lopez, Ana Rodriguez and Helen Tran).

The Executive Board deserves a round of applause, too, for having the faith that we could do this, stepping up to help in so many facets of planning – Galen Popkov, for finding and securing our keynote speaker and moderating, Daniel Moseley for organizing the poster sessions. And, of course, Rachel Luria, for calling all those meetings I needed throughout the year and so much more – you have been a great leader for us all.

We are nearing the time when, nearly a year ago, the world seemed to go silent. The end of February and the beginning of March 2020 caused us to stop the busy bustle of our everyday lives. Some things may go back to “normal” but perhaps there will more likely be a predominant new normal. Stay safe, believe in science, be true to yourself, and continue to learn and grow.

Kathleen King, Director, Dr. Lydia R. Daniel Honors Program, Hillsborough Community College
President Elect, Florida Collegiate Honors Council

Keeping Quiet
Pablo Neruda*

we will count to twelve
and we will all keep still
for once on the face of the earth,

let's not speak in any language;
let's stop for a second,
and not move our arms so much.
It would be an exotic moment
without rush, without engines;
we would all be together
in a sudden strangeness.
Fishermen in the cold sea
would not harm whales
and the man gathering salt
would not look at his hurt hands.
Those who prepare green wars,
wars with gas, wars with fire,
victories with no survivors,
would put on clean clothes
and walk about with their brothers
in the shade, doing nothing.
What I want should not be confused
with total inactivity.
Life is what it is about;
I want no truck with death.
If we were not so single-minded
about keeping our lives moving,
and for once could do nothing,
perhaps a huge silence
might interrupt this sadness
of never understanding ourselves
and of threatening ourselves with death.
Perhaps the earth can teach us
as when everything seems dead
and later proves to be alive.
Now I'll count up to twelve
and you keep quiet and I will go.

* Awaken.org

