



**Center for Interdisciplinary  
Writing and Research  
(CIWR)**

**Virtual Undergraduate  
Research Conference  
2023**

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**Building Undergraduate  
Research One Student at a  
Time**

# Opening Address- Dr. Michael Flota, CIWR Director

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14:00-14:15 UTC/9:00-9:15 EST

Join us for the opening address to kickstart a day celebrating student research. We're excited to have students, faculty, and the community immerse themselves in the fascinating work that our presenters will share and discuss ways to improve the student research process.

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# Session 1- Paper

14:30-14:55 UTC/9:30-9:55 EST

The Role of Family in Anorexia Nervosa: Utilizing the Cognitive-Interpersonal Maintenance Model as an Explanatory Framework and its Implications in Treatment

Authors: Anna-Maria Kelemi, Student, Deree-The American College of Greece, Department of Psychology & the International Honors Program Mary Canellopoulou, PhD, Professor, Deree-The American College of Greece, Department of Psychology & the International Honors Program

Assessing the effects of  $\Delta 9$ -Tetrahydrocannabinol (THC) on Interferon Alpha (IFN- $\alpha$ ) primed Interleukin-2 (IL-2) responses by primary human T cells.

Authors: Kathleen D. Velez, Undergraduate student, University of Central Florida

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# Session 2- Poster

15:00-15:25 UTC/10:00-10:25 EST

Instructor Connectedness and Immediacy: What Is Their Role in Student Engagement?

Authors: Maria-Margarita Goulia, Student, Deree, the American College of Greece; Irene Karayianni, Assistant Professor, Deree, the American College of Greece

Student-Instructor Rapport, Classmate Support and Student Engagement.

Authors: Sindi Cara, Student, Deree, the American College of Greece; Irene Karayianni, Assistant Professor, Deree, the American College of Greece

The Effects of Happiness on Health

Authors: Trey Parks, Student, University of South Carolina- Beaufort

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# Session 3A- Poster

15:30-15:55 UTC/10:30-10:55 EST

Anxiety and OCD: A meta-analysis

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Authors: Brittany Thingelstad, Student, University of South Carolina Beaufort

Social media addiction effects on self-esteem: A meta-analysis review

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Authors: Camille Lemus, Student, University of South Carolina Beaufort; Michael Rabil, Student, University of South Carolina Beaufort

Does positive thinking affect life satisfaction?

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Authors: Sheewa Ghobadi, Brionna Goins, Maisonne Jones University of South Carolina- Beaufort

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# Session 3B- Poster

15:30-15:55 UTC/10:30-10:55 EST

“-Fishing” for Attention: Social Media Self-Presentation Efforts

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Authors: Britney Raymond, Alumni, University of Central Florida

Non-lyrical Music and Academic Performance: A meta-analysis

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Authors: Lizbeth Ornelas Huizar, Student, University of South Carolina Beaufort; Justin Michonski, Student, University of South Carolina Beaufort

Is Health Related to Happiness? A Meta-Analysis

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Authors: Tucker Czech, University of South Carolina Beaufort, and Trey Parks, University of South Carolina Beaufort

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# Session 4A- Poster

16:00-16:25 UTC/11:00-11:25 EST

Suicide rates in people under and over the age of 40

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Authors: Staci Williams USC- Beauford

How strongly is art therapy related to better mental health (anxiety)? A meta-analysis of the correlations

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Authors: Lessle Rodriguez, Student, University of South Carolina Beaufort

Mental Health Implications for Alzheimer's Caregivers: A Review of Literature

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Authors: Raniya Brockington, (Student); KeShawndra Davis, (Student); and Dr. Amy Skinner, (Professor)  
Department of History, Social and Behavioral Sciences, Shelton State Community College; Coriel O. Cameron,  
Student, Department of Engineering, The University of Alabama

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# Session 4B- Poster

16:00-16:25 UTC/11:00-11:25 EST

The General Population's Perception of Factors Associated With Positive or Negative Perceptions of Physical Therapy Care in Those With Low Back Pain

Authors: Jada Strowbridge, Student, University of Central Florida; Dr. William Hanney (PT, DPT, ATC, Ph.D), Associate Professor of Physical Therapy, University of Central Florida

Lack of Sleep and Mental Health: A meta-analysis

Authors: Reilly Livingston, Student, University of South Carolina Beaufort : Emily Therrien, Student, University of South Carolina Beaufort

The Impacts of Social Media Usage on the Self-Esteem of Generation Z

Authors: Devyn Bonnette, Madison Negro, and Tracy Baptiste-Foucault, Students University of South Carolina Beaufort Psychology Program

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# Session 5- Paper

16:30-16:55 UTC/11:30-11:55 EST

From Dindshenchas to Place and Space: Spatiality and Medieval Irish Studies

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Authors: Glenn S. Ritchey III, Student, University of Central Florida

The Protestant Ideology: The Clergy's role in disseminating patriot propaganda, their actions during the Jeffersonian/Jacksonian eras, the culmination of Nationalistic discourses in the Mexican American War, and its meaning for the modern day

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Authors: Aaron Carbone, Undergraduate Student, University of South Florida

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# Brown Bag Discussion- Dr. Michael Mallott, Facilitator

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Expanding the Boundaries of Student Research: Breaking Down Traditional Obstacles to Participation in Research

17:00-17:45 UTC/12:00-12:45 EST

This casual discussion will explore ideas for increasing student participation in research with a special emphasis on overcoming obstacles that have traditionally hindered students from becoming involved. We'll also explore new methods of collaboration. The goal of this highly interactive discussion is to identify issues that hinder student participation in research and brainstorm ideas to increase involvement.

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# Session 6- Paper

18:00-18:25 UTC/13:00-13:25 EST

Decision-making and Christianity: Black Queer Women's Mental Health

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Authors: Deborah Coffy, University of Central Florida

Understanding the Relationship Between Depression and Misophonia

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Authors: Helena Santos, Student, University of Central Florida; Michael Mallott, Associate Professor, Daytona State College

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# Session 7A- Poster

18:30-18:55 UTC/13:30-13:55 EST

Crisis for Veterans: The Tragedy of Suicide Is Greater Than We Realize

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Authors: Staci Williams, University of South Carolina- Beaufort

Make new friends but keep the old: College friendships, shyness, and well-being

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Authors: Jasmine Mason, Student, Texas A&M University-Central Texas; Dr. Madelynn Shell, Research Advisor, Texas A&M University-Central Texas

Does social media relate to mental health?

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Authors: Aniya Jones, University of South Carolina Beaufort

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# Session 7B- Poster

18:30-18:55 UTC/13:30-13:55 EST

The Psychology of Freediving: Breath-holding, emotion, and the nervous system.

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Authors: Evan Hogan, Student, Daytona State College; Autumn Marie Chilcote, Adjunct Professor, Daytona State College

Semantic Congruency Across Sensory Modalities

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Authors: Taylor Beck, Student, Occidental College; Susan Geffen, Professor, Occidental College; Ama Mykyta, Student, Occidental College; Sheroz Faisal, Student, The Ohio State University Columbus; Christopher W. Robinson, Professor, The Ohio State University Columbus

Does outness as a Bisexual predict psychological well-being? A meta-analysis of the correlations

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Authors: Rachel Garrett, Student, University of South Carolina - Beaufort

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# Session 8A- Poster

19:00-19:25 UTC/14:00-14:25 EST

Does positive thinking predict happiness? A meta-analysis

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Authors: Noel Jensen, Student, University of South Carolina Beaufort

Sunlight and Vitamin D can stave off depression: Meta-analysis of Results

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Authors: Cass Daugherty, Student, University of South Carolina Beaufort

Color Preference and Personality

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Authors: Angela Brummett, Student, Charleston Southern University; Amanda Harmon, PhD, Professor  
Charleston Southern University

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# Session 8B- Poster

19:00-19:25 UTC/14:00-14:25 EST

Poverty and Depression: A Meta Analysis

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Authors: Kasey Awad, Student, University of South Carolina Beaufort

Does emotional intelligence predict life satisfaction? A meta-analysis of the correlations

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Authors: Savannah Wszeborowski, Student, University of South Carolina Beaufort; Andria Gibbs, Student, University of South Carolina Beaufort; Jalia Fields, Student, University of South Carolina Beaufort

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# Session 9- Poster

19:30-19:55 UTC/14:30-14:55 EST

The Sesame Street Project: How do student perceptions differ between themed and non-themed college courses?

Authors: Abigail McLaughlin, Student, Occidental College; Susan Geffen, Professor, Occidental College; Emily Coyle, Professor, Saint Martin's University; Erica Weisgram, Professor, University of Wisconsin-Stevens Point; & Thematic Instruction Consortium

A Comparison of Screen Time of Children with Autism Spectrum Disorder During Summer versus School Months

Authors: Juhi Mehta, Student, University of Central Florida; Dr. Keith Brazendale, Professor, University of Central Florida

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# Session 10A- Poster

20:00-20:25 UTC/15:00-15:25 EST

Effect of Lunar Highland Simulant Particle Size on *Tagetes patula*'s Root Structure and Growth

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Authors: Jenna Leiss, Student, Oviedo High School

Ion Exchange Treatment as an Alternative to Biologically Active Filtration (BAF) for Direct Potable Reuse

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Authors: Gargi Paranjape, Student, Oviedo High School

Exploring Tissue Viability and Tubule Formation of 3D Bio-printed MDCK and Smooth Muscle Cells

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Authors: Ethan Reshad, Student, Oviedo High School

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# Session 10B- Poster

20:00-20:25 UTC/15:00-15:25 EST

Osgood-Schlatter's Disease: Perception and Awareness in Central Florida

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Authors: Nathan Capp, Student, Oviedo High School

Effects High-Density Polyethylene Microplastics on *Drosophila melanogaster* Viability and Reproductive Success

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Authors: Timothy Doucette, Student, Oviedo High School

Enhanced White Cane Object Detection for Visually Impaired Individuals Using Improved Sensors & Modules: Year 2

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Authors: Banmeet Singh, Student, Oviedo High School.

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# Session 10C- Poster

20:00-20:25 UTC/15:00-15:25 EST

Effects of Bisphenol A & Bisphenol S Exposure on Brassica rapa's Growth and Soil Nutrients Composition

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Authors: Sophia Schmitz, Student, Oviedo High School

Developing a modified pulmonary valve capable of regulating water levels

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Authors: Ayan Patel, Student, Oviedo High School

Classification of Speech as Synthesized or Natural Using Machine Learning

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Authors: Daniel Boktor, Student, Oviedo High School

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# Session 11A- Paper

20:30-20:55 UTC/15:30-15:55 EST

Comparison of DALLE-2 Images to Human Generated Images Using the Turing Test & Other Metrics

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Authors: Daniel Gao, Student, Oviedo High School

Influence of an Athlete's Height on College Recruitment

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Authors: Gabrielle Goodwin, Student, Oviedo High School

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# Session 11B- Paper

20:30-20:55 UTC/15:30-15:55 EST

Relationship of Perceived Stress of Team Captains to their Leadership Performance

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Authors: Jamie Kapoor; Student; Oviedo High School

#BamaRush: The Phenomenon's Influence on Sororities at the University of Alabama

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Authors: Maddy Love, Student, Oviedo High School

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# Session 12A- Paper

21:00-21:25 UTC/16:00-16:25 EST

Recognition and Perceptions of Neural Network and Human Generated Metal Music

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Authors: Alicia Bomhoff, Student, Oviedo High School

The Role of Anxiety-Sensitivity and Social Anxiety in Misophonia

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Authors: Spencer Mallott, Student, Seminole State College

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# Session 12B- Poster

21:00-21:25 UTC/16:00-16:25 EST

Associations between activity in frontal lobe during command-tasks directed by anthropomorphic A.I. and emotional state, perception and efficiency

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Authors: Naman Doad, Oviedo High School Student

Relationship Between Bathroom Usage and Academic Performance among High School Students

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Authors: Harsh Patel, Student, Oviedo High School

Optimizing Pavlovian Conditioning Procedures to Promote Attraction of *Apis mellifera* to the Synthetic Scent of the Endangered Orchid *Prosthechea cochleate*

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Authors: Ella Pilacek, Student, Oviedo High School

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# Session 13A- Paper

21:30-21:55 UTC/16:30-16:55 EST

Eye Tracking Analysis of Scam Messages as Observed by High School Students for the Purpose of Future Vulnerability Detection

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Authors: Talmage Kanistras, Student, Oviedo High School

Creating a Smartphone Analog of the Visual Paired-Comparison (VPC) Task for Mild Cognitive Impairment Detection

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Authors: Lylla Turco, Student, Oviedo High School

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# Session 13B- Paper

21:30-21:55 UTC/16:30-16:55 EST

Views and Use of Vitamin D by Healthcare Professionals for Autoimmune Disease

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Authors: Payton Parker, Student, Oviedo High School

Mali & Ghana Healthcare System Comparison: A Study of Factors Leading to Stagnation vs Modernization.

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Authors: Oluwanifemi Ajekigbe, Student, Oviedo High School.

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