



Virtual Undergraduate Research Conference (VURC) 2025

**Opening the Doors
to Research**

Opening Remarks

Time- 9:00-9:15 (Eastern Standard Time)/13:00-13:15 (Universal Time Coordinated)

Dr. Michael Mallott, Center for Interdisciplinary Writing and Research, Director

Link to session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 258 747 071 786

Passcode: LQ3xF7os

Dial in by phone

+1 386-675-4075,,951913088# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 951 913 088#

Session # 1

Time- 9:30-9:50 (Eastern Standard Time)/13:30-13:50 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Yriana Antonaki, Student, the American College of Greece; Irene Karayianni, Assistant Professor, the American College of Greece

Title

Too Confident for AI? The Role of Academic Self-Efficacy in Student Help-Seeking

Presentation 2- Paper

Presenter(s)

Ariel Robledo, Student, Florida International University

Title

Looking into the Abyss: How Floridians Experienced the Cuban Missile Crisis

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 249 355 435 451

Passcode: vv2gV24K

Dial in by phone

+1 386-675-4075,,239436089# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 239 436 089#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 2

Time- 10:00-10:20 (Eastern Standard Time)/14:00-14:20 (Universal Time Coordinated)

Presentation 1- Paper**Presenter(s)**

Akabueze Daniel Onyekachukwu, Student, National Research University, Higher School of Economics, Saint Petersburg, Russia.

Title

The Politics of Climate Funding in Africa: Power Dynamics and Developmental Autonomy.

Presentation 2- Poster

Presenter(s)

Lily Stein, Student, Embry Riddle Aeronautical University

Title

Del Rio Springs; An Ecological Analysis of Ecosystem Health

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 224 593 170 597

Passcode: og2vF7v4

Dial in by phone

+1 386-675-4075,,949968084# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 949 968 084#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 3

Time- 10:00-10:20 (Eastern Standard Time)/14:00-14:20 (Universal Time Coordinated)

Presentation 1- Paper

Presenter(s)

Darley Charles, Student, Florida International University

Title

David Koresh and the Branch Dividians: Impacts on FBI Operations

Presentation 2- Poster

Presenter(s)

Abigail Hansen, Student, University of South Carolina Beaufort

Title

How strongly related are self-esteem and neuroticism?

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 292 384 860 017

Passcode: Fk2rA9ob

Dial in by phone

+1 386-675-4075,,844676033# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 844 676 033#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 4

Time- 10:30-10:50 (Eastern Standard Time)/14:30-14:50 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Caroline Brown, Student, Johns Hopkins University; Joseph Gallo, Professor, Johns Hopkins University

Title

Quality of life of Leiomyosarcoma survivors: Continued screening for recurrence

Presentation 2- Paper

Presenter(s)

Anjalee Buwanekabahu, Student, Vitebsk State Medical University; Thisal Jayatissa, Student, Vitebsk State Medical University; Melanie Khanchana Amarasekera, Student, Belarussian State Medical University; Binal Subasinghe, Student, Vitebsk State Medical University; Akeela Samidon, Student, Grodno State Medical University

Title

Treating Opioid Addiction with Opioids: Groundbreaking Science or Absolute Chaos

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 249 583 902 131

Passcode: 4Bz3f7WL

Dial in by phone

+1 386-675-4075,,634429445# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 634 429 445#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 5

Time- 10:30-10:50 (Eastern Standard Time)/14:30-14:50 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Khushi Patel, Undergraduate Student, University of Central Florida

Title

Syllabi Accessibility Statements in Rhetoric/Composition Studies: An Overview of the Genre

Presentation 2- Poster

Presenter(s)

McKenzie Wray, Student, University of South Carolina Beaufort

Title

Anxiety and Eating disorder comorbidity: A Meta-Analysis

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 263 130 690 919

Passcode: PB6Rd2iQ

Dial in by phone

+1 386-675-4075,,305534993# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 305 534 993#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 6

Time- 11:00-11:20 (Eastern Standard Time)/15:00-15:20 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Tarah Hancock, Student, University of South Carolina Beaufort; Conor Imhoff, Student, University of South Carolina Beaufort; Olivia Wallace, Student, University of South Carolina Beaufort,

Title

The effectiveness of Cognitive Behavioral Therapy on Obsessive Compulsive Disorder

Presentation 2- Poster

Presenter(s)

Fallon Garens, Student, University of South Carolina Beaufort

Title

Are college students with autism more attracted to STEM disciplines? A meta-analysis

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 232 332 150 075

Passcode: De6FT9sg

Dial in by phone

+1 386-675-4075,,86876619# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 868 766 19#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 7

Time- 11:00-11:20 (Eastern Standard Time)/15:00-15:20 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Kazi Salsabil, Student, University of Central Florida

Title

The relationship between sleep quality, working memory, and procedural memory: age and personality as moderators

Presentation 2- Poster

Presenter(s)

Kristen Ray, Student, University of South Carolina Beaufort

Title

Stress is Moderately related to Life Satisfaction in College Students

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 213 839 550 491

Passcode: J2kp7Mo3

Dial in by phone

+1 386-675-4075,,374231461# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 374 231 461#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 8

Time- 11:30-11:50 (Eastern Standard Time)/15:30-15:50 (Universal Time Coordinated)

Presentation 1- Paper

Presenter(s)

Khushi Patel, Undergraduate Student, University of Central Florida

Title

Dissecting Disability: Narrative Prosthesis & The Construction of the Ableist Nation-State in Divakaruni's "Independence"

Presentation 2- Poster

Presenter(s)

Jessica Rivera, Student, University of South Carolina Beaufort

Title

Invisible Scars: Depression and PTSD in military vs. civilian populations

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 294 481 830 042

Passcode: q9MU3tU6

Dial in by phone

+1 386-675-4075,,782917478# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 782 917 478#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Keynote Address

Time- 12:00-12:45 (Eastern Standard Time)/16:00-16:45 (Universal Time Coordinated)

Dr. Jessica Lipsey, Daytona State College

2024 Lempel Faculty Research and Writing Program Grant Award Winner

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 222 102 871 101

Passcode: D72vA96E

Dial in by phone

+1 386-675-4075,,709706025# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 709 706 025#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 9

Time- 13:00-13:20 (Eastern Standard Time)/17:00-17:20 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Spencer Mallott, Student, University of Florida

Title

Parallel Evolution Between the Human Head Louse and its Host: a comparative analysis of Pediculus Humanus minichromosomes

Presentation 2- Paper

Presenter(s)

Elizabeth Insuasti, Student, University of Florida

Title

Latinidad on Screen: Reclaiming Representation in American Film

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 254 483 104 798

Passcode: yv9NK9CL

Dial in by phone

+1 386-675-4075,,954240182# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 954 240 182#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 10

Time- 13:00-13:20 (Eastern Standard Time)/17:00-17:20 (Universal Time Coordinated)

Presentation 1- Paper

Presenter(s)

Elizabeth Shoultz, Student, Butler University Honors Program

Title

Boycotts, Backlash, and Beer: The Impact of Brand Partnerships on Political Polarization in the United States

Presentation 2- Poster

Presenter(s)

Matthew McGovern, Student, University of Central Florida; Tracy Bales, Doctoral Student, University of South Florida

Title

Parental Use of Restrictive Mediation to Prevent Cyberbullying Across Grade Levels

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 292 151 340 315

Passcode: KA6CW2i8

Dial in by phone

+1 386-675-4075,,869272828# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 869 272 828#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 11

Time- 13:30-13:50 (Eastern Standard Time)/17:30-17:50 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Adya Cherukuri, Student, Texas A&M University; Sarah Berny, Graduate Student, Texas A&M University; Grace Samtani, Post-Doc, Texas A&M University; Jianrong Li, Principal Investigator, Texas A&M University

Title

Investigation of the Homeostatic Function of Late Onset Alzheimer's Disease Risk Factor BIN1 in Oligodendrocytes

Presentation 2- Poster

Presenter(s)

A.Rei Favis, Student, Center for Translational Research in Neurodegenerative Disease, University of Florida, Department of Neuroscience, University of Florida; Jose Torrellas, Student, Center for Translational Research in Neurodegenerative Disease, University of Florida, Department of Neuroscience, University of Florida; Conner Angelle, Student, Center for Translational Research in Neurodegenerative Disease, University of Florida, Department of Neuroscience, University of Florida; Soha Munir, Student, Center for Translational Research in Neurodegenerative Disease, University of Florida, Department of Neuroscience, University of Florida; Andrea Iturbe, Researcher, Center for Translational Research in Neurodegenerative Disease, University of Florida, Department of Neuroscience, University of Florida; Hasan Aldelamy, Student, Center for Translational Research in Neurodegenerative Disease, University of Florida, Department of Neuroscience, University of Florida; Quan Vo, Student, Center for Translational Research in Neurodegenerative Disease, University of Florida, Department of Neuroscience, University of Florida; Matthew J. LaVoie, Director, Center for Translational Research in Neurodegenerative Disease, Department of Neurology, McKnight Brain Institute; Dylan Guenther, Student, Department of Neurology; Matthew Farrer, Assistant Professor, Center for Translational Research in Neurodegenerative Disease, Department of Neurology, McKnight Brain Institute; Paramita Chakrabarty, Professor, Center for Translational Research in Neurodegenerative Disease, Department of Neuroscience, McKnight Brain Institute

Title

Exploring the synergy between PD-associated LRRK2 mutations and brain immunity

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 257 432 281 742

Passcode: Zn6Wh2Cs

Dial in by phone

+1 386-675-4075,,595064365# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 595 064 365#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 12

Time- 13:30-13:50 (Eastern Standard Time)/17:30-17:50 (Universal Time Coordinated)

Presentation 1- Paper

Presenter(s)

Allen Zhang, Student, Texas A&M University

Title

From Boom to Bottleneck: How China's Reform and Opening-Up Caused Its Middle-Income Trap

Presentation 2- Poster

Presenter(s)

Jasmine Lark, Student, and Dr. Amy Skinner, Department of History, Social and Behavioral Sciences, Shelton State Community College

Title

The Relationship Between Cyberbullying and Mental Health : A Review of Literature

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 222 917 949 910

Passcode: yt7sz9gd

Dial in by phone

+1 386-675-4075,,564971992# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 564 971 992#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 13

Time- 14:00-14:20 (Eastern Standard Time)/18:00-18:20 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Alexa Oster, Student, Florida State University; David Braithwaite, Professor, Florida State University

Title

The Impact of Background Binaural Beats on Mathematical Achievement in College Students

Presentation 2- Poster

Presenter(s)

Nicole Van, Student, University of Central Florida; Dr. Ilenia Colon Mendoza, Professor, University of Central Florida

Title

Art and Anatomy: The Usage of Anatomical Wax Model in the Early Modern Period

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 233 637 695 574

Passcode: BP7h9mF6

Dial in by phone

+1 386-675-4075,,450256194# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 450 256 194#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 14

Time- 14:00-14:20 (Eastern Standard Time)/18:00-18:20 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Christopher Gratto, Student at University of South Carolina at Beaufort

Title

How a players performance in their contract year affects their next NFL contract

Presentation 2- Poster

Presenter(s)

Kathryn Brooks, University of Oklahoma Visual Neuroscience Laboratory

Title

Levels of Blood Iron are Positively Related to Levels of Cognitive Performance in Women at the Menopausal Transition

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 269 052 540 612

Passcode: 49Ys9tg2

Dial in by phone

+1 386-675-4075,,820538031# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 820 538 031#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 15

Time- 14:30-14:50 (Eastern Standard Time)/18:30-18:50 (Universal Time Coordinated)

Presentation 1- Poster**Presenter(s)**

Mattie Wolff, Student, University of South Carolina Beaufort

Title

Second chances: The Power of Prison Programs to Prevent Recidivism

Presentation 2- Poster

Presenter(s)

Morgan Brown, Student, Florida State University; Justin Riddle, Assistant Professor, Florida State University

Title

Modulation of Delta and Theta Oscillatory Patterns in Hierarchical Cognitive Control: A Transcranial Magnetic Stimulation (TMS) Investigation

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 270 295 813 665

Passcode: 2vh6W4g3

Dial in by phone

+1 386-675-4075,,783533239# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 783 533 239#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 16

Time- 15:00-15:20 (Eastern Standard Time)/19:00-19:20 (Universal Time Coordinated)

Presentation 1- Poster**Presenter(s)**

Adelani Adetona, Student, University of Texas at Austin

Title

Finding an Anti-Covid N-Protein Aptamer For Therapeutics Using In-Vivo Aptamer Selection

Presentation 2- Paper

Presenter(s)

Preena Premdev, Student, Oviedo High School

Title

Strengthening Synthetic Saliva: Investigating a Novel Approach to Increasing Antimicrobial Activity with Chitosan Nanoparticles in Artificial Saliva

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 251 138 159 758

Passcode: 65zS9fn9

Dial in by phone

+1 386-675-4075,,465330668# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 465 330 668#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 17

Time- 15:00-15:20 (Eastern Standard Time)/19:00-19:20 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Nakayla Westley, Student, University of South Carolina Beaufort, Dr. Richard Osbaldiston

Title

Impulsivity and risk-taking behaviors: A meta-analysis

Presentation 2- Paper**Presenter(s)**

Abigail Ly, Student at Oviedo High School

Title

Effects of Viewing TikTok Mukbangs on High School Students' Eating Habits

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 266 452 863 57

Passcode: N7By9dT3

Dial in by phone

+1 386-675-4075,,117525985# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 117 525 985#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Time- 15:30-15:50 (Eastern Standard Time)/19:30-19:50 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Aarush Balakrishnan, Student, Oviedo High School

Title

In vitro Efficacy of Natural and Synthetic Fungicide on Common Postharvest Citrus Fungal Pests

Presentation 2- Paper

Presenter(s)

William Swisher, Student, Oviedo High School

Title

From Satellite to Surface: Modeling And Predicting Degradation of the East Orange County Ecological Corridor Using the Enhanced Vegetation Index

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 296 222 344 431

Passcode: LV6eF9me

Dial in by phone

+1 386-675-4075,,866284654# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 866 284 654#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 19

Time- 15:30-15:50 (Eastern Standard Time)/19:30-19:50 (Universal Time Coordinated)

Presentation 1- Poster

Presenter(s)

Ankan Das, Student, Oviedo High School

Title

A Tensegrity-based Mobile Robot with Shape Memory Alloys for Motion Generation

Presentation 2- Paper

Presenter(s)

Kylie Bolton, Student, Oviedo High School

Title

Correlating Bb Clarinet Reed Taste to Pitch Frequency Using a Synthetic Player

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 245 524 191 141

Passcode: Qt6ov3vk

Dial in by phone

+1 386-675-4075,,809382376# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 809 382 376#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 20

Time- 16:00-16:30 (Eastern Standard Time)/16:00-16:30 (Universal Time Coordinated)

Presentation 1- Paper

Presenter(s)

Addison Waller, Student, Oviedo High School

Title

Stress Overload: Correlation of Time of Year and Heart Rate Patterns Among Educators

Presentation 2- Paper

Presenter(s)

Aditya Dronadula, Student, Oviedo High School

Title

The Application of an Ensemble Random Forest – XGBoost Approach to Enhance Disease Spread Predictions Using Human Migration Data

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 296 637 968 967

Passcode: en7kP7bT

Dial in by phone

+1 386-675-4075,,612404130# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 612 404 130#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)

Session # 21

Time- 16:00-16:30 (Eastern Standard Time)/16:00-16:30 (Universal Time Coordinated)

Presentation 1- Paper

Presenter(s)

Grace Patton, Student, Oviedo High School

Title

Between The Binding: The Evolution of Book Complexity In The 21st Century

Presentation 2- Paper

Presenter(s)

Trinity Gillispie, Student, Oviedo High School

Title

Quenching the Market: Exploring the Use of Instagram and Collaborations to Achieve Market Dominance in the Water Bottle Industry

Link to Session:

Microsoft Teams [Need help?](#)

[Join the meeting now](#)

Meeting ID: 231 984 637 780

Passcode: Mm7yi3XL

Dial in by phone

+1 386-675-4075,,150861992# United States, Daytona Beach

[Find a local number](#)

Phone conference ID: 150 861 992#

For organizers: [Meeting options](#) | [Reset dial-in PIN](#)
