UWG Scholars' Day
Undergraduate Research Conference
A Celebration of Undergraduate Scholarship
APRIL 6, 2021
Faculty-directed undergraduate research complements classroom learning through learning-by-doing and reflection on doing, and as such provides an additional educational opportunity that transforms our students into scholars. Undergraduate research experience is invaluable and provides our scholars with a multitude of opportunities while they are enrolled at West Georgia and upon completion of their undergraduate degrees.

We are dedicated to facilitating undergraduate student involvement in scholarly research in all academic fields.

www.westga.edu/our
UNDERGRADUATE RESEARCH COMMITTEE

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Dr. Janet Donohoe, Dean of the Honors College and Professor of Philosophy
University of West Georgia students work on amazing research in many academic disciplines. The Office of Undergraduate Research and the Honors College sponsor this conference to provide the UWG community a chance to learn about the student research happening across our campus. Today, students present their work to their peers and to the faculty and staff, and we all have a chance to experience the research that is going on outside of our own disciplines. We hope to inspire many interdisciplinary dialogues and a continuing interest in all the wonderful research that UWG students are doing. The Scholars’ Day Undergraduate Research Conference is a fully inclusive celebration of undergraduate research at the University of West Georgia. We invite all in attendance to see the many panels and posters presented virtually today and to enjoy the afternoon!

**SCHEDULE AT A GLANCE**

**Poster Sessions:** Scholars Day YouTube Channel

12:30-2:00.................................................................Poster Session A
CACSI, University College, and Mass Communications

3:00-4:30.................................................................Poster Session B
RCOB, COE, and THSSON

**Oral/Panel Presentation Session:** Virtual Presentation Rooms
12:30-1:30...............................................................Concurrent Oral/Panel Sessions 1-4
1:40-2:40...............................................................Concurrent Oral/Panel Sessions 5-8
2:50-3:50...............................................................Concurrent Oral/Panel Sessions 9-12
4:00-5:00...............................................................Concurrent Oral/Panel Sessions 13-16

**Links:**

**Poster Session A:**
http://bit.ly/PosterSessionA

**Poster Session B:**
http://bit.ly/PosterSessionB

**Oral/Panel Presentation Sessions:**

**Room 1:** http://bit.ly/OralPanelRoom1
**Room 4:** http://bit.ly/OralPanelRoom4
The poster sessions are available throughout the conference. Presenters are expected to respond to questions on their poster videos during the session time.

COLLEGE OF ARTS, CULTURE, AND SCIENTIFIC INQUIRY

Oreoluwa (Joy) Adebajo, Olivia Basant, Fatima Ghiathi, Kaitlin Watkins, Anjelina Webb, and Phillip Wooten, Exploration Of Binding Selectivities Of Cucurbit[n]urils with Alkali Metal Ions via ESI-MS, Mentored by Dr. Farooq Khan; Department of Mathematics, Sciences, and Technology

Odyssey Allen, Amanda Clay, Tyler Combs, and Cassie Palma, Testing the Validity of a Linear Correlation Model To Determine Olfactory Sensory Neurons Expressing the M72 Odor Receptor, Mentored by Dr. Melissa Johnson; Department of Mathematics, Sciences, and Technology

Alexander Ayers, Alex DeCesare, and Furichous Jones, A Comparative Study on Computational Protein-Protein Interaction Identification Methodologies, Mentored by Dr. Ana Stanescu; Department of Mathematics, Sciences, and Technology

Holly Bearden, Addressing Student Misconceptions About Gas Laws and Electrochemistry through Self-led In Class Activities, Mentored by Dr. Logan Leslie; Department of Mathematics, Sciences, and Technology

Chanceley Book, Survival Probabilities in Duels, Truels, and Quadruels, Mentored by Dr. David Leach; Department of Mathematics, Sciences, and Technology

Bryant Brough, David Lauria, Benjamin Shirley, and Jessica Sinel, Using UAS Drone Orthophotography to Model Changes to UWG’s Campus, Mentored by Dr. Jeong Seong; Department of Mathematics, Sciences, and Technology

Lexus Butler and Maxwell Deen, Composition Analysis of Electronic Cigarette Liquids, Mentored by Dr. Victoria Geisler; Department of Mathematics, Sciences, and Technology
Ann Cormier and Abigail Watson, *Analysis of Different Types of Alcohol Using Portable Gas Chromatography*, Mentored by Dr. Anne Gaquere-Parker; Department of Mathematics, Sciences, and Technology

Tinaye Gibbons, *Geohistory of West Georgia College (1953-1994)*, Mentored by Dr. Andy Walter; Department of Mathematics, Sciences, and Technology

Carla Mateo-Aguilar, *BAFAL Open-lab Workshop Development: Combining Macroscopic and Microscopic Analysis of Ancient Disease in a Hands-on Learning Experience*, Mentored by Dr. Isabel Maggiano; Department of Anthropology, Psychology, and Sociology

Allie Parkerson, *CB7 Binding with Cations and UV-Vis*, Mentored by Dr. Farooq Khan; Department of Mathematics, Sciences, and Technology

Judah Perry, *Narrative Identity and Personality*, Mentored by Dr. James Head; Department of Anthropology, Psychology, and Sociology

Mikayla Ross, *Archiving Sensitive and Emotional Items in a Time of Crisis*, Mentored by Keri Adams; Department of Art, History, and Philosophy

Kalynn Simpkins, *The Path to Self Discovery in Alice Walker’s “Everyday Use”*, Mentored by Dr. Rebecca Harrison; Department of English, Film, Languages, and Performing Arts

Jessica Sinel, *Visualizing the West Georgia Textile Heritage Trail Through Maps*, Mentored by Dr. Andy Walter; Department of Mathematics, Sciences, and Technology

Trenton Spears, *Marketing for Theatrical Performance*, Mentored by Brad Darvas; Department of English, Film, Languages, and Performing Arts

Haley Turner, *The Production of Ligand Exchanged PbS QD Monolayers for Charge Transport Studies*, Mentored by Dr. Martin McPhail; Department of Mathematics, Sciences, and Technology

Nancy Vu, *Intersections Between Art and Technology: How Tech Continues to Change Printmaking*, Mentored by Stephanie Smith; Department of Art, History, and Philosophy
UNIVERSITY COLLEGE

Erin Nalley, *Southeastern Coal Ash Contamination*, Mentored by Dr. J. Salvador Peralta; Department of Civic Engagement and Public Service

MASS COMMUNICATIONS

Andrea Epps, *When I Die, I Hope You Solve It: A Study on the Profits and Exploitations of Murder Media*, Mentored by Christopher Renaud; Department of Mass Communications

3:00-4:30 POSTER SESSION B
http://bit.ly/PosterSessionB

The poster sessions are available throughout the conference. Presenters are expected to respond to questions on their poster videos during the session time.

RICHARDS COLLEGE OF BUSINESS

Janay Mcbird, *How does Post-secondary Finance Coursework Prepare Students for Entrepreneurship?*, Mentored by Dr. Susana Velez-Gastrilllon; Department of Management

COLLEGE OF EDUCATION

Lauren Adams, Heather Bearden, and Alaina Burnside, *The Effects of an Emergent Literacy Web-based Video Training Series for Parents of Preschool Children: A Pilot Study*, Mentored by Dr. Katy Green; Department of Literacy and Special Education

Laura Austion, *Communication Efficacy through Reinforcement Strategies*, Mentored by Dr. Lauren Hart Laurens; Department of Literacy and Special Education

Will Bagwell, Sierra Freeman, and Carly Grove, *Changing High School Culture One Strength at a Time*, Mentored by Dr. Duke Biber; Department of Sport Management, Wellness, and Physical Education

Sumin Bang, *The Usage of Virtual Reality (VR) in a K-12 Education*, Mentored by Dr. Logan Arrington; Department of Educational Technology and Foundations Alaina Burnside, Evidence-Informed Social and Emotional Teacher Toolkit, Mentored by Dr. Chelsea Morris; Department of Literacy and Special Education
Alaina Burnside, Evidence-Informed Social and Emotional Teacher Toolkit, Mentored by Dr. Chelsea Morris; Department of Literacy and Special Education

Travious Couch, The Impact of Engagement on the Fans’ Social Networking Strategy Participation for the NBA Teams, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Chandler Davy and Dylan Mcguire, The Impact of Demographic Variables on a Screener for Head Start Children, Mentored by Dr. Katy Green; Department of Literacy and Special Education

Cathryn Emily Dean, Emily Ferreira, Kristen Ouzts, and Tristan Shilo, Student Perspectives of Multiculturalism: An International Experience, Mentored by Dr. Lama Farran; Department of Counseling, Higher Education, and Speech-Language Pathology

Cathryn Emily Dean, Bailey Overcash, and Tristan Shilo, with graduate student Amanda Melville, Caregiver Language Input and Vocalization Frequency in Children with Autism Spectrum Disorder, Mentored by Dr. Lama Farran; Department of Counseling, Higher Education, and Speech-Language Pathology

Cathryn Emily Dean and Tristan Shilo, with graduate student Amanda Melville, Dyslexia at The University of West Georgia (UWG): Campus Community Awareness, Mentored by Dr. Lama Farran; Department of Counseling, Higher Education, and Speech-Language Pathology

Alex Gray, Is Coaching High School Football Worth Losing A Home?, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Brandon Monagan, The Expansion of eSports, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Deng Nhial, eSports, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Brandon Onuorah, Ravens Fans Experiences, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education
Jonathon Phelps, *Are Sports Worth the Risk?*, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Riley Reed, *Georgia School District Adherence to the Federal Wellness Policy Guidelines*, Mentored by Dr. Duke Biber and Dr. Peter Stoepker; Department of Sport Management, Wellness, and Physical Education

Kristen Rogers, *Elementary Kids Go Birding*, Mentored by Dr. Stacey Britton; Department of Early Childhood through Secondary Education

Ari Samuel, *Players Impact on Equipment* Jazmine Tanner, *Game Genres in Esports*, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Tyshaun Sinclair, *Esports Genres: Most Popular and Why?*, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Casey Smith, *Social Responsibility (CSR) and Concussions*, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Jazmine Tanner, *Game Genres in Esports*, Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Claudia White, *Endrew F. Versus Douglas County Board of Education Supreme Court Case: Practical Impact on the Special Education System*, Mentored by Dr. Trina Wood; Department of Literacy and Special Education

**TANNER HEALTH SYSTEM SCHOOL OF NURSING**

Logan Andrews, Sage Konans, Alexis Packer, and Sophia Sutcavage, *The Effects of COVID-19 on Nursing Students’ Stress, Anxiety, and Mental Health*, Mentored by Dr. Nancy Capponi and Dr. Kala Crobarger; Tanner Health System School of Nursing
12:30-1:30 Concurrent Oral/Panel Sessions

Session 1: Experiences of Connection: Room 1

Family Connection through COVID-19
Presenter Isamary Rodriguez
Mentored by Dr. Lisa Gezon; Department of Anthropology, Psychology, and Sociology

Vedic Transpersonal Practices.
Presenter Sreekanth Gopi
Mentored by Dr. Christine Simmonds-Moore; Department of Anthropology, Psychology, and Sociology

A Geologic Analysis of Time Slip Cases for the Presence of Quartz
Presenter John-David Butler
Mentored by Dr. David Mitchell; Department of Anthropology, Psychology, and Sociology

Session 2: Social Media and Sports: Room 2

Fantasy Football Effects on NFL Popularity
Presenter Patrick Carroll
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Social Media Influence in Revenue
Presenter Montavia Caudle
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

The Impact of Social Media on Ticket Sales of Liverpool FC
Presenter Micheal Robinson Jr
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education
**Session 3: Perceptions of Race and Gender: Room 3**

- **Colorism: Are You Team Light-skinned or Dark-skinned?**
  Presenter Nya Tyson
  Mentored by Dr. Natasha Ramsay-Jordan;

- **Do You See Me? An Examination of Black Pre-Service Teacher Experiences**
  Presenter Ayomide Yusuf
  Mentored by Dr. Andrea Smith; Department of Early Childhood through Secondary Education

- **“Damn Her! That Body of Hers”: Sexual Autonomy and Repression in Webster’s The Duchess of Malfi**
  Presenter Kari Wood
  Mentored by Dr. Leah Haught; Department of English, Film, Languages, and Performing Arts

- **Sympathy for the Devil: Queering the Radical Rejection of Gender Binaries and Heteronormativity by Satan in Paradise Lost**
  Presenter Lindsay Koziel
  Mentored by Dr. Leah Haught; Department of English, Film, Languages, and Performing Arts

**Session 4: Determinants of Athletic Performance: Room 4**

- **How Does Age Affect An NHLer’s Performance?**
  Presenter Frederick Barker
  Mentored by Dr. Trung Ly; Department of Economics

- **Mental Toughness of Athletes**
  Presenter Bella Caricari
  Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

- **Do Trans-Female Athletes Hold a Competitive Advantage Over Their Competition?**
  Presenter Jeffery Hunt
  Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education
1:40-2:40 Concurrent Oral/Panel Sessions

**Session 5: Perception and Wellness: Room 1**

*Mental Health Matters*
Presenter Alicia Hollingsworth
Mentored by Dr. Peter Stoepker; Department of Sport Management, Wellness, and Physical Education

*Do High Societal Standards Bring Happiness?*
Presenter Jessica Coleman
Mentored by Dr. Mitchell McIvor; Department of Anthropology, Psychology, and Sociology

*The Call of the Void: An Analysis of Self-Destructive Ideation and Intrusive Thoughts*
Presenter Anna Sinclair
Mentored by Dr. Christine Simmonds-Moore; Department of Anthropology, Psychology, and Sociology

*Domestic Violence and Children with Developmental Disabilities*
Presenter Lindsey Graham
Mentored by Patrick Brady

**Session 6: Determinants of Sports Attendance: Room 2**

*Dallas’ Fan Base*
Presenter Roderick Gaines
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

*How Important is Winning to Fans of Baseball*
Presenter Timothy Brunet
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

*The Evaluation of Atlanta United FC Based on the Fans’ Perception*
Presenter Jermyrion Beasley
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education
Session 7: Philosophy Confronts the World: Room 3

Descartes, Curiosity, and the Truth of Learning
Presenter Bryce Rawson
Mentored by Dr. John Garner; Department of Art, History, and Philosophy

Exploring the Environmental Destruction of Technology in “Feed”
Presenter Katelyn Enderle
Mentored by Dr. Rebecca Harrison; Department of English, Film, Languages, and Performing Arts

Christian Communitas: Religious Community through the Eyes of a Former Philosopher
Presenter Megan Tackett
Mentored by Dr. Nadya Williams; Department of Art, History, and Philosophy

Session 8: Practices in Education: Room 4

Effective Practices for Teaching Writing to Elementary School Students
Presenter Lindsey Ellis
Mentored by Dr. Jennifer Allen; Department of Literacy and Special Education

My Experience With the SPARK Program and How It has Benefited My Life
Presenter Taylor Robertson
Mentored by Dr. Thomas Peterson; Department of Educational Technology and Foundations

Dyad v. Duad: Introducing the “Duad Interview Method” Protocol
Presenter Hannah Lawless
Mentored by Dr. Ryan Bronkema; Department of Academic Transition Programs
2:50-3:50 Concurrent Oral/Panel Sessions

Session 9: Race and Ethnicity in Popular Culture: Room 1

Understanding South Korean Society through an Analysis of Korean Film
Presenter Grace Hawkins
Mentored by Dr. Mitchell McIvor; Department of Anthropology, Psychology, and Sociology

Masked in the Matrix of Televisual Blackness in Percival Everett’s Erasure
Presenter Khamansha Raphael
Mentored by Dr. Rebecca Harrison, Dr. Joshua Masters, and Dr. Stacy Boyd; Department of English, Film, Languages, and Performing Arts

Session 10: Sports and Society: Room 2

Violence in Sport
Presenter Dylan Wyble
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Benefits of Sport on Reducing Crime
Presenter Asia Johnson
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

The Need for Athletes to Speak on Social Injustice
Presenter Russell Mole
Mentored by Dr. Wooyoung (William) Jang; Department of Sport Management, Wellness, and Physical Education

Session 11: On a Discourse of Friendship: Room 3

Entering the Discourse: Are Homosexuals Better Off?
Presenter Trinity Rothwell
Mentored by Dr. Janet Donohoe; Department of Art, History, and Philosophy
Dungeons, Dragons, and Developing Virtue  
Presenter Emily Tillman  
Mentored by Dr. Janet Donohoe; Department of Art, History, and Philosophy.

Changing the Discourse  
Presenter Avery Stanley  
Mentored by Dr. Janet Donohoe; Department of Art, History, and Philosophy.

Session 12: Belonging: Room 4  

Colleges and Schools of Education Name Branding  
Presenter Analice Jones  
Mentored by Dr. Phillip Grant; Department of Leadership, Research, and School Improvement.

Perspectives on Life in a Nahuatl-speaking American Household  
Presenter Carla Mateo-Aguilar  
Mentored by Dr. Elizabeth Falconi; Department of Anthropology, Psychology, and Sociology.

Preserving the Cherokee Heritage  
Presenter Joel Edmondson  
Mentored by Dr. Kathleen Barrett; Department of Civic Engagement and Public Service.

4:00-5:00 Concurrent Oral/Panel Sessions

Session 13: Topics in Management and Leadership: Room 1  

A Discourse Analysis of Job Advertisements Using a Theoretical Framework Deduced from Maslow’s Management Theory  
Presenter Rachel Joseph  
Mentored by Dr. James Head; Department of Anthropology, Psychology, and Sociology.

Overcoming COVID: Resilience in Non-Profit Organizations and The Communities They Serve  
Presenter Tomorrow Bowen  
Mentored by Dr. Mitchell McIvor; Department of Anthropology, Psychology, and Sociology.
Women in Nonprofit Leadership: Successful or Not?  
Presenter Aubrey Lee  
Mentored by Dr. Erich Bergiel; Department of Management  

The Early Vice President: Before Mondale and Cheney  
Presenter Mackenzie Dennis  
Mentored by Dr. Paul Rutledge; Department of Civic Engagement and Public Service  

Session 14: Art and Perspective: Room 2  

Otto Dix’s “Soldiers on the Front Line in Brussels”  
Presenter MaKenzie Turner  
Mentored by Dr. Nathan Rees; Department of Art, History, and Philosophy  

Image and Memory: The relationship Between Visual Arts and Remembrance Through a French Perspective  
Presenter Nayanne Medeiros  
Mentored by Dr. Lisa Connell; Department of English, Film, Languages, and Performing Arts  

Lotte Laserstein: Seeing Modern Women in At the Mirror  
Presenter Nathan Childers  
Mentored by Dr. Nathan Rees; Department of Art, History, and Philosophy  

Session 15: From the Beautiful to the Sublime:  
On a Philosophy of Aesthetics: Room 3  

Kant, Beauty, and Different Forms of Morality  
Presenter Brian Steward  
Mentored by Dr. John Garner; Department of Art, History, and Philosophy  

Kant: Autonomy as the Center of Aesthetic Judgment  
Presenter Benjamin Dewberry  
Mentored by Dr. John Garner; Department of Art, History, and Philosophy  

The Sublime as Catharsis  
Presenter Avery Stanley  
Mentored by Dr. John Garner; Department of Art, History, and Philosophy
Session 16: Science and Society: Room 4

**Biocultural Diabetes: The Biology of Diabetes with a Cultural Perspective**
Presenter Jamie Vansaghi
Mentored by Dr. Marjorie Snipes; Department of Anthropology, Psychology, and Sociology

**Catalytic Degradation of Waste Polystyrene using Supercritical CO2 as a Reaction Solvent**
Presenters Seth Bradley, Katravius Mitchell, and Eli Perez-Lopez
Mentored by Dr. Megumi Fujita; Department of Mathematics, Sciences, and Technology

**Furcoumarin Ingestion and Risk of Skin Cancer**
Presenter Patricia Pujol
Mentored by Dr. Satyanarayana Swamy-Mruthinti; Department of Mathematics, Sciences, and Technology
Need help?

If you run into issues on the day of the conference, you can first try to Troubleshoot any issues on your own.

If that doesn’t work, contact UWG Online at 678-839-6248. Please be aware that the UWG Online support team is small. If they are all helping other presenters, you can also use the BB Collaborate Ultra support # 1(877) 382-2293.

We recommend that you review Required Browsers (minimum tech requirements). Please note that UWG Online recommends trying Mozilla Firefox or Microsoft Edge for Blackboard Collaborate Ultra, as they have seen some recent issues with Google Chrome working properly.
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Thank you to all Faculty Mentors
Thank you to all Student Moderators