



UWG _____

Scholars' Day

Undergraduate Research Conference

*A Celebration of _____
Undergraduate Scholarship*

APRIL 6, 2021 _____



OFFICE OF UNDERGRADUATE RESEARCH (OUR)

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

Arts and Humanities Representative

Dr. Nathan Rees, Assistant Professor; Department of Art, History, and Philosophy; CACSI

Science/STEM Representative

Dr. James Mayer, Associate Professor; Department of Mathematics, Sciences, and Technology; CACSI

Social Sciences Representative

Dr. Jennifer Beggs Weber, Associate Professor and Director of Women's Studies; Department of Anthropology, Psychology, and Sociology; CACSI

Business Representative

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Education Representative

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Nursing Representative

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Honors College Representative

Dr. Janet Donohoe, Dean of the Honors College and Professor of Philosophy

UWG Scholars' Day Undergraduate Research Conference

A Celebration of Undergraduate Scholarship

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 2: <http://bit.ly/OralPanelRoom2>

Room 3: <http://bit.ly/OralPanelRoom3>

Room 4: <http://bit.ly/OralPanelRoom4>

12:30-2:00 POSTER SESSION A

<http://bit.ly/PosterSessionA>

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-Castrillon; 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 Educaiton

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 Stoecker; 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 Equipm 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, *Andrew 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 Sut-cavage, *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

<http://bit.ly/OralPanelRoom1>

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

<http://bit.ly/OralPanelRoom2>

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

<http://bit.ly/OralPanelRoom3>

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

<http://bit.ly/OralPanelRoom4>

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

<http://bit.ly/OralPanelRoom1>

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

<http://bit.ly/OralPanelRoom2>

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

<http://bit.ly/OralPanelRoom3>

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

<http://bit.ly/OralPanelRoom4>

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

<http://bit.ly/OralPanelRoom1>

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

<http://bit.ly/OralPanelRoom2>

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

<http://bit.ly/OralPanelRoom3>

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

<http://bit.ly/OralPanelRoom4>

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

<http://bit.ly/OralPanelRoom1>

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

<http://bit.ly/OralPanelRoom2>

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

<http://bit.ly/OralPanelRoom3>

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

<http://bit.ly/OralPanelRoom4>

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.



ONLINE

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**Thank you to all Faculty Mentors
Thank you to all Student Moderators**