



COLLEGE OF EDUCATION
AND HUMAN DEVELOPMENT
George Mason University®



Student **Research** Symposium

WEDNESDAY, APRIL 22, 2026

WELCOME TO THE 10TH ANNUAL COLLEGE OF EDUCATION AND HUMAN DEVELOPMENT STUDENT RESEARCH SYMPOSIUM

Across George Mason and especially within the College of Education and Human Development (CEHD), we seek to continuously enhance the scope and depth of our research and scholarly pursuits while fostering a culture of student scholarship.

The CEHD Student Research Symposium is a testament to this commitment, shining a spotlight on the research endeavors of our undergraduate and graduate students in collaboration with esteemed faculty mentors.

This symposium, organized by the CEHD Office of Student and Academic Affairs, serves as a celebration of our students' achievements and contributions to their respective fields. Thank you for joining us as we celebrate the spirit of academic curiosity and exploration that defines our vibrant community.

EVENT SCHEDULE

Arrival and Poster Preview	6:00 - 6:10 PM
Welcome and Opening Remarks.	6:10 - 6:15 PM
Oral Presentations	6:15 - 6:40 PM
Refreshments Available	6:40 - 8:10 PM
First Half of Poster Presentations (A)	6:40 - 7:20 PM
Second Half of Poster Presentations (B)	7:25 - 8:05 PM
Closing Remarks	8:05 - 8:10 PM

ORAL PRESENTATIONS



Thomas (TJ) Singer

MS Sport and Recreation Studies,
Sport Management Concentration

Faculty Mentor:
Dr. Ellen Drogin Rodgers

The Psychology of Dancers: A Look at External Influences on Mental Health

Mental health challenges within the dance community are increasingly visible yet remain insufficiently addressed. This study examines systemic factors contributing to dancers' mental health and identifies which dance-related conditions most strongly shape well-being. The study investigates social media exposure, teacher interactions, and peer dynamics across five mental health indicators: depression, body dysmorphia, anxiety, eating disorders, and self-esteem.



Havahn Williams-Rollins

MEd Secondary Education,
English Concentration

Faculty Mentor:
Dr. Elizabeth Davis

From Policy to Practice: AI Implementation and Disciplinary Literacy in Secondary Classrooms

This project explores how district-level artificial intelligence (AI) initiatives influence classroom instruction in secondary education. Combining central-office research on AI implementation with classroom observations from teacher preparation coursework, the study examines how policy visions translate into disciplinary literacy practices. The research focuses on how AI-related instructional changes affect student engagement with reading, discussion, and writing tasks. By connecting educational policy with classroom realities, the project offers insights into how AI integration can support meaningful literacy learning and motivated student participation.



Jada Crocker

PhD in Education,
Higher Education Concentration

Faculty Mentor:
Dr. Ellen Drogin Rodgers

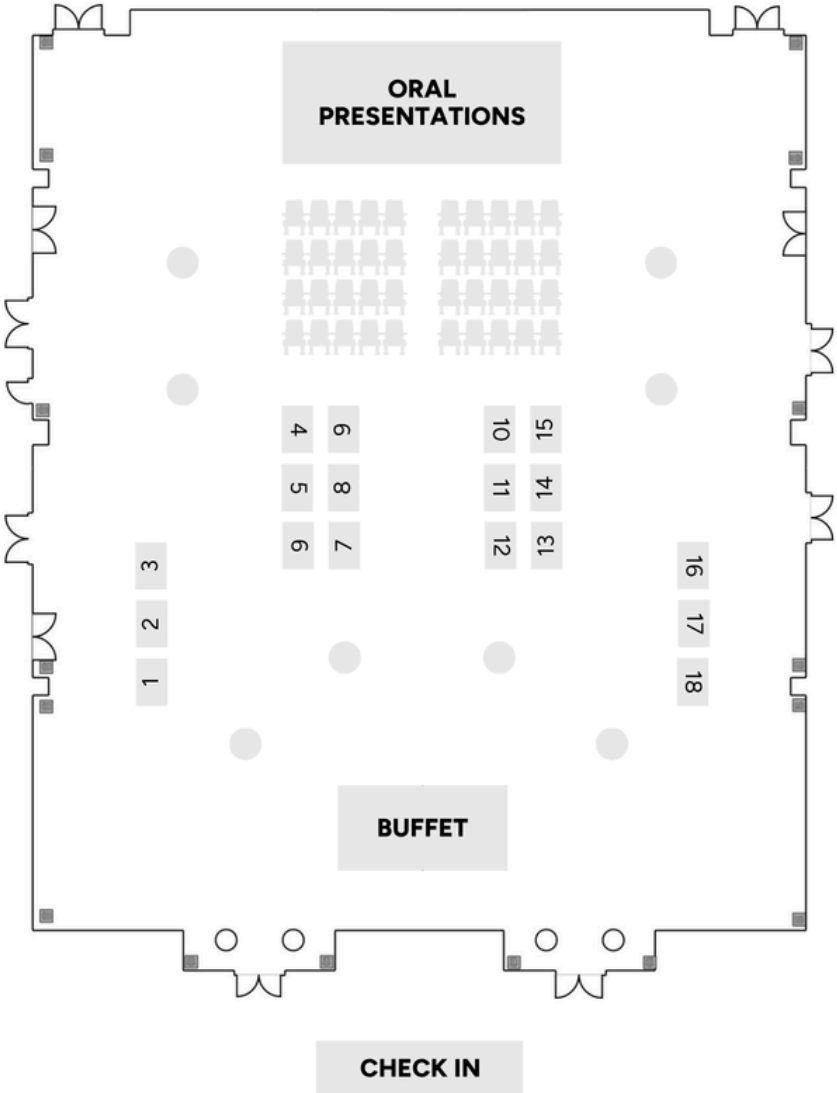
On the Sidelines of Success: Academic Advising Experiences of Division I Black/African American Student-Athletes at Minority Serving Institutions (MSIs)

Existing research has extensively explored the multidimensional collegiate experience of Black/African American student-athletes at Predominantly White Institutions and Historically Black Colleges and Universities , yet limited attention has been given to those at other Minority Serving Institutions (MSIs). This qualitative, phenomenological study investigated the academic advising experiences of Division I Black/African American student-athletes at MSIs using semi-structured participant interviews. Findings suggested that MSI designation alone does not ensure equitable or culturally affirming advising experiences for Black/African American student-athletes. Implications include reexamining advising frameworks to prioritize holistic development, providing culturally responsive advisor training, and strengthening accountability structures aligned with institutional serving missions.



LAYOUT OF PRESENTATIONS

Dewberry Hall, Johnson Center



**PLEASE PROVIDE FEEDBACK
FOR OUR POSTER PRESENTERS**

Scan the QR code below to submit our feedback form
forms.office.com/r/H7TGtNfuXe



All poster presenters will receive anonymous
feedback following the event.

**This year, a 'People's Choice Award' will be
given based on the feedback from this form!**

POSTER PRESENTATIONS (A)

- 1A** **Alejandra Salazar Salame** – PhD in Education (Multilingual/Multicultural Education)
Maribel Tohara Nakamatsu – PhD in Education (Interdisciplinary Studies)
Gözde Şensoy Murt – Visiting Doctoral Student Researcher
Jennifer Aguilar – MEd Counseling (Clinical Mental Health)
Leonela Jabbour – Thomas Jefferson High School
Faculty Mentor: Dr. Rachael Goodman
Family, School, and the Interactions In Between: Immigrant Latina Mothers' Approaches to Cultural Socialization of their Children
- 2A** **Elizabeth Brown** – PhD in Education (Science Education Research)
Faculty Mentor: Dr. Hung-Ling (Stella) Liu
Public Engagement With Science Understood Through Leisure: Citizen Science as Serious Leisure
- 3A** **Christina Eagle** – PhD in Education (Special Education)
Kelly Conn-Reda – PhD in Education (Special Education and Education Leadership)
Kristen Haynor – PhD in Education (Multicultural Education)
Sarah Español – PhD in Education (Special Education)
Faculty Mentors: Dr. Grace L. Francis and Dr. Jodi Duke
A Scoping Review of the Barriers to Self-Advocacy for People with Intellectual Disability in Bronfenbrenner's Process-Person-Context-Time (PPCT) Model
- 4A** **Eunjin Han** – PhD in Education (Higher Education)
Faculty Mentor: Dr. Chrystal A. George Mwangi (College of Humanities and Social Sciences)
Developing a Multi-Label Crisis Detection Model for University Students through Fine-Tuning Open-Source Transformers
- 5A** **Anjusha Kasetty Ramesh Kumar** – PhD in Education (Interdisciplinary)
Joshua Rosenbaum - University of Mississippi
Faculty Mentors: Dr. Sammie Powers, Dr. Hung-Ling (Stella) Liu, Dr. Ellen Drogin Rodgers, Dr. Nicole Webster (Pennsylvania State University), and Dr. Andrew J. Mowen (Pennsylvania State University)
Effects of Prejudice and Community Racial Diversity on Intergroup Contact, Place Identity, and Equity Attitudes

- 6A Sarah Newman** – PhD in Education (Education Leadership)
Faculty Mentor: Dr. Marvin Powell
Reframing Independent-School Teacher Retention as Organizationally Produced Risk
- 7A Yashasvi Nijampurkar** – PhD in Information Technology
Faculty Mentors: Dr. Jatin Ambegaonkar and Dr. Vivian Genaro Motti (College of Engineering and Computing)
A Personalized Wearable AI for Real-Time Foot Loading Monitoring and Stride Correction in Running
- 8A Megan O'Brien** – PhD in Education (Education Leadership)
Faculty Mentor: Dr. Elizabeth Davis
Guardrails Before Gearshift: Capacity-Building for Responsible AI Implementation in K-12 Districts
- 9A Dieanna Prudholme** – PhD in Education (Sports Performance)
Faculty Mentors: Dr. Margaret T. Jones
Assessing Relationships Between High-Intensity External Load Variables and Internal Load During Home Games in NCAA Division I Women's Basketball
- 10A Lila Abu-Saleh** – MS Athletic Training
Faculty Mentors: Dr. Marcie Fyock-Martin, Dr. Candace Lacayo, Dr. Shane Caswell, Dr. Jatin Ambegaonkar, Dr. Amanda Caswell, and Kyle St. Peter (George Mason Athletics)
Recurrent ACL Tear Following Achilles Tendon Allograft Reconstruction in a Collegiate Volleyball Athlete: A Level 4 Clinical Case Study
- 11A Quinn Alley** – MS Athletic Training
Faculty Mentors: Dr. Candace Lacayo, Dr. Marie Fyock-Martin, Dr. Shane Caswell, Dr. Jatin Ambegaonkar, Dr. Amanda Caswell, and Killian Flynn (Athletic Trainer, Charles J. Colgan Sr. High School)
Concurrent Hip Flexor Strain and Hip Labral Tear in a High School Field Hockey Goalie: A Level 4 Clinical Case Study

POSTER PRESENTATIONS (A)

- 12A James Moulton** – Cell and Molecular Biology Graduate Certificate
Dieanna Prudholme – PhD in Education (Sports Science)
Eter Mjavanadze – PhD in Education (Quantitative Research Methodology)
Ahmadreza Sourì – PhD in Education (Kinesiology)
Faculty Mentors: Dr. Tiphane E. Raffegau, Dr. Angela Miller, Dr. Jatin Ambegaonkar, Dr. Kelly Poretti (Graduate Research Assistant), Dr. Emily Ihara (College of Public Health), and Dr. Cathy Tompkins (College of Public Health)
Community-Based Older Adults Use Different Gait Strategies During Dual-Task and Fast Gait Strategies but TUG Times, Handgrip Strength, or Falls Risk Do Not Affect Gait Strategies
- 13A Dennis Harnage** – MS Kinesiology
Faculty Mentors: Dr. Debra Stroiney and Dr. Christine Barthold Hoffner
Anxiety Management: A Survey of Resistance Training on Subclinical Anxiety in Lifters
- 14A Sydney McLaurin** – MS Kinesiology
Yashasvi Nijampurkar – PhD in Information Technology
Faculty Mentor: Dr. Jatin Ambegaonkar
Systematic Review of Sleep Measures and Interventions in Dancers
- 15A Dianna Philipps** – MS Kinesiology
Faculty Mentors: Dr. Jatin Ambegaonkar and Dr. Tiphane E. Raffegau
Association Between Handgrip Strength and Preferred Gait Strategies in Single and Dual-Task Walking in Elderly Adults
- 16A Joseph Eitzel** – MS Sport and Recreation Studies
Anjusha Kasetty Ramesh Kumar – PhD in Education
Faculty Mentor: Dr. Sammie Powers
Outdoor Recreation Trends: Insights from Activity Participation, Park Visitation, and Industry Indicators

- 17A Lubna Zuberi** – MEd Curriculum and Instruction (Advanced Studies in Teaching and Learning)
Faculty Mentor: Dr. Karrin Lukacs
Science Achievement Inequities in a Large Suburban High School: An Equity Audit and Policy Recommendations
- 18A Tim Graves** – BS Kinesiology
Faculty Mentors: Dr. Joel Martin and Dr. Marcie Fyock-Martin
Absolute Versus Relative Physical Fitness Metrics: Which Are More Important for Firefighter Occupational Performance?



POSTER PRESENTATIONS (B)

- 1B Brenda Gonzalez** – MEd Counseling (Clinical Mental Health)
Chen Chen – MEd Counseling (School Counseling)
Alejandra Salazar Salame – PhD in Education (Multilingual/Multicultural Education, Education Policy, and Teaching and Teacher Education)
Gözde Şensoy Murt – Visiting Doctoral Student Researcher
Jennifer Aguilar – MEd Counseling (Clinical Mental Health)
Faculty Mentor: Dr. Rachael Goodman
Communicating Cultural Identity and Well-Being: Immigrant Latino Mothers' Experiences of Cultural Socialization of their Children
- 2B Noelle Saine** – PhD in Education (Interdisciplinary Studies)
Faculty Mentors: Dr. Margaret T. Jones
Classification Analysis to Determine Sport Designation Using Countermovement Jump Performance Metrics
- 3B Keith Sanfacon** - PhD in Education (Kinesiology)
Faculty Mentors: Dr. Amanda Caswell and Dr. Tiphonie E. Raffegau
Vestibular Effects on Somatosensory Reweighting in Congenitally Deaf Older Adults and Hearing Older Adults
- 4B Yossi Shaul** – PhD in Education (Kinesiology)
Ramsey Zaytoun – MS Kinesiology
Tim Graves – BS Kinesiology
Faculty Mentors: Dr. Joel Martin and Dr. Mark Abel (University of Kentucky)
How Fit is Fit Enough? Aerobic Capacity and Lean Mass Thresholds for Firefighter Performance
- 5B Cameron Shaw** – PhD in Education (Higher Education)
Faculty Mentors: Dr. Julie Owen, Dr. Grace L. Francis, and Dr. Angela Hattery (University of Delaware)
Centering Survivors' Stories: A Critical Qualitative Inquiry of Disclosing and Reporting Sexual Assault to Institutions of Higher Education
- 6B Esther Shin** – PhD in Education (Special Education and Multilingual/Multicultural Education)
Faculty Mentor: Dr. Joy Banks
A Pilot Study: Intersection of Ethnicity, Disability, and Help Seeking Behaviors Among Asian American Students with Disabilities

- 7B Kiah Stith** – PhD in Education (Educational Psychology and Research Methods)
Faculty Mentor: Dr. Alexandra Patzak
STEM Teacher Metacognition and Strategy Use
- 8B Peng Warweg** – PhD in Education (Learning Design and Technology)
Faculty Mentors: Dr. Myeong Lee (College of Engineering and Computing), Dr. Dawn Hathaway, and Dr. Divya Varier
A Longitudinal Social Network Analysis Case Study of How Interdisciplinary Research Centers Impact Research Collaboration
- 9B Zhenyu Cheng** – PhD in Education (Interdisciplinary)
Faculty Mentors: Dr. Margaret T. Jones, Dr. Erica L. King (Postdoctoral Research Fellow), and Dr. Qi Wei (College of Engineering and Computing)
Fatigue Classification in Women’s Collegiate Volleyball Using Athlete Load Monitoring Metrics and Supervised Machine Learning
- 10B Jackie Randolph Perdomo** – MS Athletic Training
Faculty Mentors: Dr. Candace Lacayo, Mr. Marcie Fyock-Martin, Dr. Jatin Ambegaonkar, Dr. Shane Caswell, Dr. Amanda Caswell, and Rebecca Greger (Head Athletic Trainer, John R. Lewis High School)
Blood Flow Restriction Therapy for a Post-Femur Fracture Rehabilitation: A Level 4 Clinical Case Study
- 11B Shaila Williams** – MS Athletic Training
Faculty Mentors: Dr. Candace Lacayo, Dr. Marcie Fyock-Martin, Dr. Shane Caswell, Dr. Jatin Ambegaonkar, Dr. Amanda Caswell, and Courtney Francis Bullock (Head Athletic Trainer, Prince William County Public Schools)
Glenohumeral Joint Dislocation and “High Five” Reduction Technique in a High School Football Athlete
- 12B Jonathan Wall** – MS Athletic Training
Faculty Mentors: Dr. Jatin Ambegaonkar, Dr. Shane Caswell, Dr. Marcie Fyock-Martin, Dr. Candace Lacayo, Dr. Amanda Caswell, Maegan Milliet (Certified Athletic Trainer, Chantilly High School), and Katelyn Bishop (Head Certified Athletic Trainer, Chantilly High School)
Nonoperative Rehabilitation Progress Before Surgical Intervention in a Lateral Patellar Dislocation With Osteochondral Fragment: A Level 2 Exploration Case Study

POSTER PRESENTATIONS (B)

- 13B Matthew Price** – MS Kinesiology
Faculty Mentor: Dr. Debra Stroiney
Social Media Use and Mental Readiness in Collegiate Athletes
- 14B Lloyd Sheppard** – MS Kinesiology
Faculty Mentor: Dr. Debra Stroiney
Creatine Supplementation in Collegiate Distance Athletes
- 15B Khadijat Shodeinde** – MS Kinesiology
Faculty Mentors: Dr. Jatin Ambegaonkar, Dr. Jena Hansen-Honeycut (College of Visual and Performing Arts), and Dr. Kelley Wiese (Shenandoah University)
Aerobic vs. Anaerobic: A Correlational Study in Collegiate Dancers
- 16B Ramsey Zaytoun** – MS Kinesiology
Faculty Mentors: Dr. Joel Martin, Dr. Shane Caswell, Dr. Brandon Roberts (Walter Reed Army Institute of Research), and Dr. Mark Abel (University of Kentucky)
Normative Values for Fat-Free Mass and Fat-Free Mass Index in Career Firefighters Across Age and Sex
- 17B Justin Song** – MS Sport and Recreation Studies
Faculty Mentors: Dr. Julie Aylsworth, Dr. R. Pierre Rodgers, and Dr. Ellen Drogin Rodgers
Team-Oriented Fans Versus Player-Oriented Fans: The Relationship Between Fan Identification Types and Marketing Satisfaction
- 18B Gabriel Fulton** – BS Business
Joseph Jarjourah – BS Business
Alexander Sean Stokes – BS Business
Faculty Mentor: Dr. Margaret J. Daniels
George Mason Student Involvement: Pre- and Post-Pandemic Trends in Undergraduate Engagement, Communication Preferences, Participation Barriers, and Sense of Belonging

MANY THANKS TO THE FOLLOWING:

10th Annual CEHD
Student Research Symposium
Presenters

CEHD Office of Student and Academic Affairs

Anna Ondieki

CEHD Faculty and Staff Volunteers

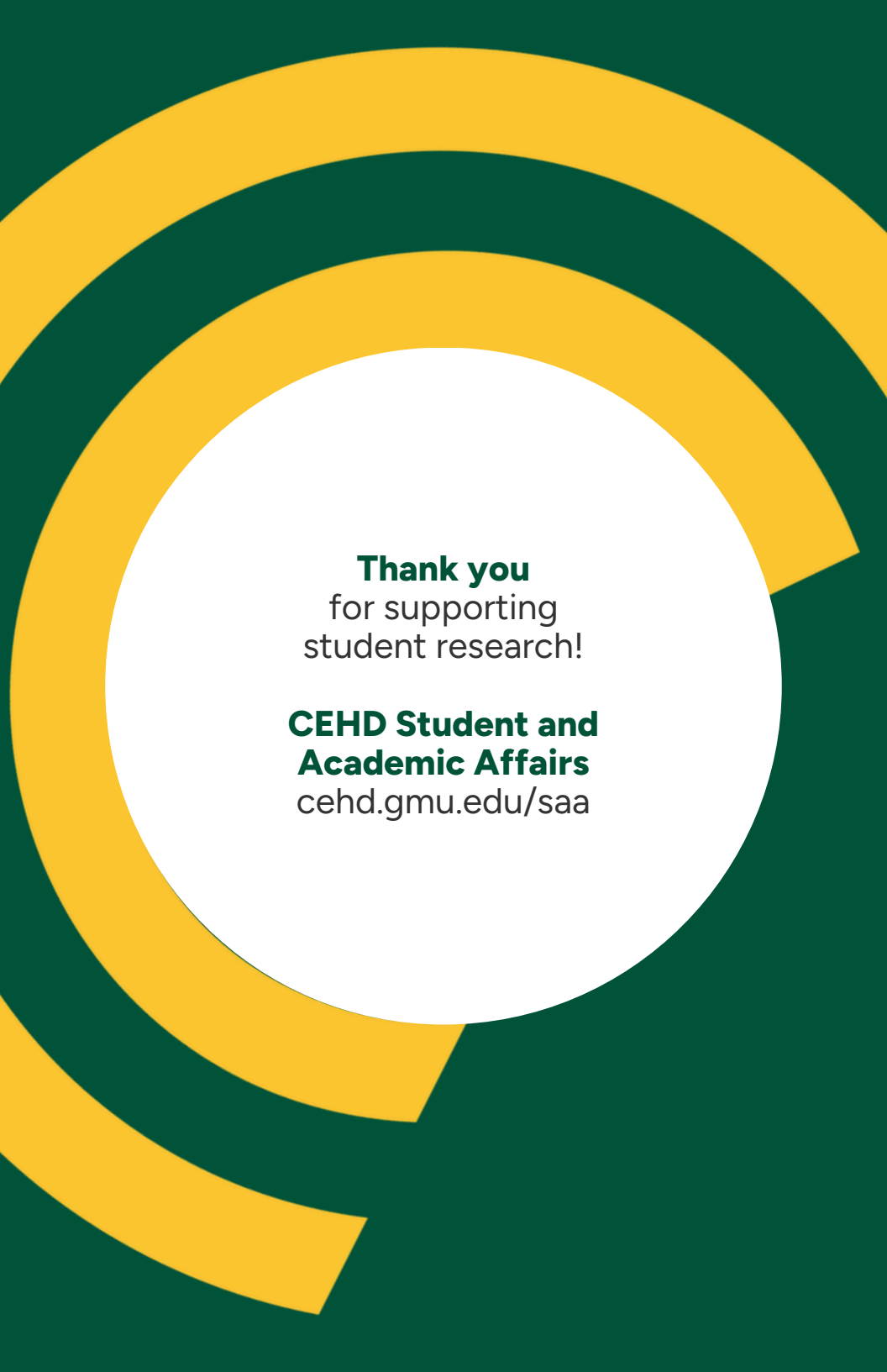
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