

2022 Graduate Research Conference

Full Presentation List

March 18th, 2022

Virtual Platform:

<https://symposium.foragerone.com/graduate-research-conference>

Live Oral Presentation Sessions

Live Oral Presentation Sessions, 9:00am-4:30pm

Session 1A: 9:00-10:00am [\[Click here to join session\]](#)

Moderated by Dr. Andrew Ross

- **Ian O'Banion** - Applied Statistics [M.S.] *Casual Statistics for Undergrads* Faculty Mentor: Dr. Andrew Ross
- **Yan Zhai** - Applied Statistics [M.S.] *IBM Employee Attrition Analysis and Prediction* Faculty mentor: Dr. Andrew Ross
- **Ian Jurica** - Mathematics [M.S.] *Investigations Into Autonomous Vehicle Development and Implementations* Faculty Mentor: Dr. Andrew Ross

Session 1B: 9:00-10:00am [\[Click here to join session\]](#)

Moderated by Dr. Joe Bishop

- **Sara Muchmore** - Educational Studies [Ph.D.] *Finding What Matters in Teacher Education* Faculty Mentor: Dr. Iman Grewal
- **Sharon Hopkins** - Educational Studies [Ph.D.] *Teacher's Conception of Student Voice in Urban Schools* Faculty Mentor: Dr. Joe Bishop
- **Kat Naish** - Educational Studies [Ph.D.] *Is There a Shelf-life in Special Education? Special Educators' Reflection on Burnout & Secondary Trauma* Faculty Mentor: Dr. Joe Bishop
- **Diala Dagher** - Educational Studies [Ph.D.] *Challenges Teaching the Middle Eastern Region in American Colleges/Universities* Faculty Mentor: Dr. Joe Bishop

Session 1C: 9:00-10:00am [\[Click here to join session\]](#)

Moderated by Dr. Eric Acton

- **Jennifer Bennett** - Educational Studies [Ph.D.] *Climbing for Resilience: The Relationship between Self-Efficacy and Risky Play* Faculty Mentor: Dr. Robert Carpenter
- **Melissa Brooks-Yip** - Educational Studies [Ph.D.] *Examining Teacher Identity: Implications for Professional Learning, Student Achievement and Teacher Retention* Faculty Mentor: Dr. Paul Ramsey
- **Janet Leppala** - Educational Studies [Ph.D.] *Linguistic Support for International Students at Eastern Michigan University: Where Does One Go for Help* Faculty Mentor: Dr. Robert Carpenter
- **Mitchell DeVore, Jenni Heup, Sierra Morrissey, Christian Perez** - English Linguistics [M.A.] *Exploring Regional and Generational Variation in English Speaking Jewish Women* Faculty Mentor: Dr. Eric Acton

Session 1D: 9:00-10:00am [\[Click here to join session\]](#)

Moderated by Dr. Ildiko Porter-Szucs

- **John Ballard Pecora** - Literature [M.A.] *Paradigm Quake: Muriel Rukeyser's Mirror of Ambiguity and the Elusive Sacred Bond* Faculty Mentor: Dr. Elisabeth Daumer
- **Casey Miller** - Literature [M.A.] *Archival Elision and the Poem as (Analytic) Process: Muriel Rukeyser and Frances G. Wickes* Faculty Mentor: Dr. Elisabeth Daumer
- **Lara El Khouri** - Teaching English to Speakers of Other Languages / TESOL [M.A.] *Arab English Language Learner's Language Analysis: Common Errors in English Speaking and Writing* Faculty Mentor: Dr. Ildiko Porter-Szucs

Session 2A: 10:15-11:15am [\[Click here to join session\]](#)

Moderated by Dr. Mary-Elizabeth Murphy

- **Emily Murphy** - History [M.A.] *Industrial Removal Office: Jewish Women as the Gatekeepers of Detroit's Jewish Community* Faculty Mentor: Dr. Ashley Johnson Bavery
- **Justice Carlton** - History [M.A.] *Thomas Jefferson, The American Founding, and the Separation of Church and State* Faculty Mentor: Dr. John McCurdy

- **Marie Sarnacki** - History [M.A.] *Save the Child and Honor the State: The Midwestern Origins of Progressive Child Welfare Policy* Faculty Mentor: Dr. Mary-Elizabeth Murphy
- **Natalia Anderson** - Philosophy [M.A.] *Lakatosian Research Programs and Closing the Loop* Faculty Mentor: Dr. W. John Koolage

Session 2B: 10:15-11:15am [\[Click here to join session\]](#)

Moderated by Dr. Joseph Engwenyu

- **Gia Born** - Social Foundations and Community Education [M.A.] *"He Uses My Body!": Transgender Women's Plight for Visibility, Accessibility, and Recognition in South Africa* Faculty Mentor: Dr. Joseph Engwenyu
- **Monioluwa Ogunleye** - Women's and Gender Studies [M.A.] *Resilient Women: The Yoruba Women in Nigerian Economy and Society* Faculty Mentor: Dr. Joseph Engwenyu
- **Julia Moore** - History [M.A.] *Fashion as Dissent: African Women and the Politics of Dress* Faculty Mentor: Dr. Joseph Engwenyu
- **Michael Seitter** - History [M.A.] *Brewing a Pot of Resistance: South African Women and Beer in the Twentieth Century* Faculty Mentor: Dr. Joseph Engwenyu

Session 2C: 10:15-11:15am [\[Click here to join session\]](#)

Moderated by Dr. Wendy Wang

- **Erik Wilder** - Teaching English to Speakers of Other Languages / TESOL [M.A.] *Teaching Communicative Competence in World Englishes: A Cross-Cultural Approach* Faculty Mentor: Dr. Wendy Wang
- **Alexandra Gross** - Teaching English to Speakers of Other Languages / TESOL [Graduate Certificate] *Culturally Responsive Teaching with K-12 English Language Learners* Faculty Mentor: Dr. Wendy Wang
- **Ian Cook** - Teaching English to Speakers of Other Languages / TESOL [M.A.] *Enhance English language learning in with Communities of Practice* Faculty Mentor: Dr. Wendy Wang

- **Huda Yasan** - Teaching English to Speakers of Other Languages / TESOL [M.A.] TESOL Teachers' Linguistic Identities on Pedagogy
Faculty Mentor: Dr. Wendy Wang

Session 2D: 10:15-11:15am [\[Click here to join session\]](#)

Moderated by Dr. Peter Blackmer

- **Karalyn Anderton** - Public Administration [M.P.A.] Joint Fact Finding for Renewable Energy Policy in L'Anse Township, Michigan
Faculty Mentor: Dr. Shu Wang
- **Kylar Chandler** - Public Administration [M.P.A.] Plan Cincinnati: Affordable Housing, Policy Reflection, and Alternate Perspectives
Faculty Mentor: Dr. RJ Koscielniak
- **Ari Ahmad McCaskill** - Africology and African American Studies [M.A.] A Case Study of Stella Wright Homes and Tenant Management of Public Housing
Faculty Mentor: Dr. Peter Blackmer
- **Kylar Chandler** - Public Administration [M.P.A.] Blight in Technicolor: Federalism Exemplified through the Detroit Land Bank Association
Faculty Mentor: Dr. Barbara Patrick

Keynote Session 11:30-1:00pm [\[Click here to join session\]](#)

The 2022 Graduate Research Conference welcomes GRC alumnus **Alfreda Rooks**, MPA (Director of Community Health Services for Michigan Medicine) as our Keynote Speaker.

Session 3A: 1:00-2:00pm [\[Click here to join session\]](#)

Moderated by Dr. Ruth Ann Armitage

- **Savannah Lyons** - Physics [M.S.] Irradiance Source for Exoplanet Atmospheric Spectra
Faculty Mentor: Dr. David Pawlowski
- **Samantha Mahan** - Chemistry [M.S.] Scents of the Past: Characterizing Ancient Perfume Residues of the Greco-Roman Age from the Michael C. Carlos Museum
Faculty Mentor: Dr. Ruth Ann Armitage
- **Ashton Havens** - Chemistry [M.S.] DFT Analysis of Catalyst Deaggregation and C-C Bond Formation in a Re-Catalyzed Alkylation of Phenols
Faculty Mentor: Dr. Maria Clelia Milletti

- **Chelsea Van Buskirk** - Chemistry [M.S.] *Characterization of Residue from an Egyptian Old Kingdom Mummy from the Michael C. Carlos Museum* Faculty Mentor: Dr. Ruth Ann Armitage

Session 3B: 1:00-2:00pm [\[Click here to join session\]](#)

Moderated by Dr. Ana Claudia Harten

- **Adrienne Golles** - Special Education [MAT] *Cultural Experiences of Arab Americans Raising a Child with a Physical Impairment* Faculty Mentor: Dr. Jacquelyn McGinnis
- **Dylan Burrows** - Special Education [M.A.] *Evidence-Based Approaches to Classroom Behavior Challenges* Faculty Mentor: Dr. Sally Burton-Hoyle
- **Fotini Irimi Callis** - Early Childhood Education [M.A.] *The Impact of the COVID-19 Pandemic on Academic Achievement: Gaps in Summative Assessments* Faculty Mentor: Dr. Lisa Sturges
- **Kristopher Kilgallon** - Communication Sciences and Disorders [M.A.] *The Perspectives of Non-Native Speakers of English on Accent Modification Services* Faculty Mentor: Dr. Ana Claudia Harten

Session 3C: 1:00-2:00pm [\[Click here to join session\]](#)

Moderated by Dr. Ashley Johnson Bavary

- **Lisa Emery** - Educational Leadership [Ph.D.] *Help Wanted: Attracting More Women Leaders to Enrollment Management* Faculty Mentors: Dr. Rema Reynolds, Dr. David Anderson, Dr. Carmen McCallum
- **Wendy Lawrence** - Educational Leadership – K-12 Administration [M.A.] *Spanning Boundaries with Duoethographic Dialogue to create a Transformative Polytheoretical Leadership in K-12 Schools* Faculty Mentors: Dr. David Anderson, Dr. Iman Grewal, Dr. Rema Reynolds, Dr. Davis Clement
- **Donya Odom & Rema Reynolds Vassar** - Educational Leadership [Ph.D.] *In It and Of It: A Black Principals' Self-Examination of Anti-Blackness and Critical Leadership Praxis* Faculty Mentor: Dr. Rema Reynolds

- **Larisa Martinez** - Curriculum and Instruction [M.A.] *The Need for Student Access to Natural Reader within the Disability Resource Center* Mentor: Dr. LaMarcus Howard

Session 3D: 1:00-2:00pm [\[Click here to join session\]](#)

Moderated by Dr. Rob Halpern

- **Keleigh Norman, Parker Wilson, Gates Domier, Andi Pontiff** - Creative Writing [M.A.] *Elevating the Voices of Incarcerated People through Collaboration and Poetics of Abolition* Faculty Mentor: Dr. Rob Halpern

Session 4A: 2:15-3:15pm [\[Click here to join session\]](#)

Moderated by Dr. Ronald Delph

- **L Swain** - Women's and Gender Studies [M.A.] *The Diary of a Prison Wife* Faculty Mentor: Dr. Elizabeth Currans
- **Julia Moore** - History [M.A.] *"Aren't you a mother?" and Other Questions of Polish Femininity: An Analysis of Wanda Wasilewska's The Rainbow* Faculty Mentors: Dr. Jesse Kauffman, Dr. John McCurdy
- **Justice Carlton** - History [M.A.] *Brewing Up Trouble: Heretics, Jews, and Witches* Faculty Mentor: Dr. Ronald Delph
- **Kristina Sweet** - History [M.A.] *On the Power of 18th Century Indigenous Women* Faculty Mentor: Dr. John McCurdy

Session 4B: 2:15-3:15pm [\[Click here to join session\]](#)

Moderated by Dr. Surabhi Jaiswal

- **Micah Ludwig-Borycz** - Computer Aided Engineering [M.S.] *Using VBA to Create BOM Applications to Improve Efficiency and Productivity* Faculty Mentor: Dr. Tony Shay
- **Matthew Angelosanto** - Ecology, Evolution and Organismal Biology [M.S.] *Does group-living provide an energetic benefit to the harvestman *Vonones sayi*?* Faculty Mentor: Dr. Cara Shillington
- **Alexandra Miller** - Ecology, Evolution and Organismal Biology [M.S.] *Kin-Recognition and Cannibalism in Subsocial Tarantulas (*Theraphosidae*: *Hysterocrates* spp.)* Faculty Mentor: Dr. Cara Shillington

- **Micah Ludwig-Borycz** - Computer Aided Engineering [M.S.]
Organizing the Construction of a Bill of Materials Through Coding
Faculty Mentor: Dr. Tony Shay

Session 4C: 2:15-3:15pm [\[Click here to join session\]](#)

Moderated by Dr. Jill Dieterle

- **Maikel Mulet** - Philosophy [M.A.] *Linguistic Epistemic Injustice, Equity, Differentiated Instruction, and The Overhaul of Philosophy Curricula.* Faculty Mentor: Dr. Jill Dieterle
- **Mac Neaville** - Philosophy [M.A.] *Clarifying the Role of Implicit Bias in Epistemic Injustice* Faculty Mentor: Dr. Jill Dieterle
- **Andrew Garcia** - Philosophy [M.A.] *Silencing and Object-Level Ignorance: Being Sensitive to Other-Oriented Hermeneutical Injustice* Faculty Mentor: Dr. Jill Dieterle
- **Connor Prow** - Philosophy [M.A.] *On Naturalness and Meat Eating* Faculty Mentor: Dr. Jill Dieterle

Session 5A: 3:30-4:30pm [\[Click here to join session\]](#)

Moderated by Dr. Khairul Islam

- **Erik Brown** - Mathematics [M.S.] *Correlation of Student Characteristics and Math Course Outcomes at Jackson College* Faculty Mentor: Dr. Khairul Islam
- **Mehdi Alipour** - Applied Statistics [M.S.] *Risk of Diabetes Prognosis Due to Certain Patients' Characteristics* Faculty Mentor: Dr. Khairul Islam
- **Cody Makinson** - Applied Statistics [M.S.] *Predictability of Breast Cancer Outcomes with Classification and Logistic Regression Model* Faculty Mentor: Dr. Khairul Islam
- **Ying He** - Applied Statistics [M.S.] *Factors Affecting Sleep Disorders: Evidence from the Health and Retirement Study* Faculty Mentor: Dr. Khairul Islam

Session 5B: 3:30-4:30pm [\[Click here to join session\]](#)

Moderated by Dr. RJ Koscielniak

- **Neda Hayeri** - Polymers and Coatings Technology [M.S.] *Paint Recycling – The Current Status, Challenges, and Proposed Solutions* Faculty Mentor: Dr. Vijaykumar Mannari
- **Tasfia Bari** - Technology [Ph.D.] *The Influence of Various E-Learning Techniques Upon Technology Acceptance and Student Engagement in Differing Classroom Environments* Faculty Mentor: Dr. Munther Abualkibash

Session 5C: 3:30-4:30pm [\[Click here to join session\]](#)

Moderated by Dr. Jeannette Kindred

- **Marin Kempen** - Clinical Mental Health Counseling [M.A.] *Current Therapeutic Strategies and the Need for Holistic Approaches for Transgender and GNC Individuals* Faculty Mentor: Dr. Patrice Bounds
- **Adam Acker** - Psychology - General Clinical [M.S.] *The Impact of Disability Accommodations on College Academic Performance* Mentor: Dr. LaMarcus Howard
- **Joseph Olson** - Communication [M.A.] *Substance Use Disorder: Stigma, Disclosure, and Recovery* Faculty Mentor: Dr. Jeanette Kindred
- **Janet Leppala** - Gerontology [Graduate Certificate] *Motivations for Coming Back to School: Older Adult Students at Eastern Michigan University* Faculty Mentor: Cassandra Barragan

Live Poster Presentation Session, 10:00-11:15am

Attendees may join in at any time between 10:00-11:15am to ask questions and/or meet the presenters.

- **Aishwarya Upadhye** - Polymers and Coatings Technology [M.S.] *Advanced 3D Printing Materials based on Dual-Cure Chemistry* Faculty Mentor: Dr. Vijaykumar Mannari
 - [Join the session here](#)
- **Alecia Beggs** - Athletic Training Combined [BS + MATR] *Surgical MCL Reconstruction Reduces Injury Recurrence and*

Long-Term Outcomes in College Football Players Faculty Mentors:
Jodi Schumacher, Dr. Aaron Struminger

○ [Join the session here](#)

- **Amanda Johnson** - Biology - General [M.S.] Assessing Genetic and Epigenetic Contributions of Bold and Shy Behavior in Zebrafish Faculty Mentors: Dr. Uli Reinhardt, Dr. David Kass

○ [Join the session here](#)

- **Anista Subri** - Orthotics and Prosthetics [M.S.] Clinician Perception of 3D-Printed O&P Devices Faculty Mentor: Frank Fedel

○ [Join the session here](#)

- **Audrey Lama** - Higher Education Student Affairs (HESA) [M.A.] How Are Colleges Combatting Discriminatory Policies Through Institutional Acknowledgement? Faculty Mentor: Dr. Ronald D. Flowers

○ [Join the session here](#)

- **Ayowale Soyemi** - Technology [Ph.D.] Bisphenol-A (BPA)-Free Sustainable Epoxy Resins for Coatings Faculty Mentor: Dr. Vijaykumar Mannari

○ [Join the session here](#)

- **Becca Frey** - Athletic Training Combined [BS + MATR] The Risk Of Osteoarthritis Generated For Active Serving Military Tactical Athletes Increased Opposed To Military Reserve Tactical Athletes Faculty Mentor: Jodi Schumacher

○ [Join the session here](#)

- **Brittany Anteau** - Athletic Training [MATR] Anxiety Level Difference in Athletes in Anaerobic and Aerobic Sports Faculty Mentor: Dr. Aaron Struminger

○ [Join the session here](#)

- **Callie Waldrep** - Communication Sciences and Disorders [M.A.] COVID-19: How Has the Pandemic Affected Elementary Based Speech Pathology: A Triangulated Case Study Faculty Mentor: Dr. Sarah Ginsberg

- [Join the session here](#)
- **Christina Daguanno** - Interior Design [M.S.] *The Collective* Faculty Mentor: Linda Mason
 - [Join the session here](#)
- **Clarneisha Burnside** - Chemistry [M.S.] *Detection and Identification of Possible Use Residues in Archaeological Ceramics by Direct Analysis in Real Time Mass Spectrometry* Faculty Mentor: Dr. Ruth Ann Armitage
 - [Join the session here](#)
- **Dallas Haselhuhn** - Ecology, Evolution and Organismal Biology [M.S.] *Directionality in Movement of Tarantulas (Theraphosidae) When Presented with a Novel Environment* Faculty Mentor: Dr. Cara Shillington
 - [Join the session here](#)
- **Daniel Gieselmann** - Orthotics and Prosthetics [M.S.] *Ankle and Foot Measurements in Military Recruits: A Cross-Sectional Study* Faculty Mentor: Rebecca Spragg
 - [Join the session here](#)
- **Dean Karkut** - Orthotics and Prosthetics [M.S.] *The Relationship Between Body Powered or Myoelectric Prosthesis and Quality of Life in Upper Extremity Amputees* Faculty Mentor: Frank Fedel
 - [Join the session here](#)
- **Garrick Loewen & Dennis Hoekzema** - Orthotics and Prosthetics [M.S.] *Considerations for Design and Fabrication of Custom Sledge Hockey Seating* Faculty Mentors: Frank Fedel, Nate Kearns
 - [Join the session here](#)
- **Haley Gmutza** - Ecology, Evolution and Organismal Biology [M.S.] *White-nose Syndrome and Survival of Hibernating Little Brown Bats at Tippy Dam* Faculty Mentor: Dr. Allen Kurta
 - [Join the session here](#)

- **Haley Rohde** - Psychology - General Clinical [M.S.] Problematic Smartphone Usage and Depression: The Moderating Role of Parental Involvement Faculty Mentor: Dr. Catherine Peterson
 - [Join the session here](#)
- **Hallee Ellefson** - Athletic Training Combined [BS + MATR] Prevalence of Burnout in Adolescent Youth Sport Athletes with and Without Access to Athletic Trainers Faculty Mentor: Dr. Courtney Lewis
 - [Join the session here](#)
- **Hollie Mincone** - Orthotics and Prosthetics [M.S.] Exploring the Environmental and Cultural Effects on the Durability of Prosthetic Feet in Multiple Resource Limited Countries Faculty Mentors: Nate Kearns, Frank Fedel
 - [Join the session here](#)
- **Jace Briggs** - Orthotics and Prosthetics [M.S.] Survey On O&P Professionals Perspectives on Patient Education In Orthotics and Prosthetics Faculty Mentor: Frank Fedel
 - [Join the session here](#)
- **Jacob Schulte** - Chemistry [M.S.] Synthesis and Analysis of a Sterically Hindered Biradical Compound Faculty Mentor: Dr. Gabriel Rudebusch
 - [Join the session here](#)
- **Jared Unger** - Orthotics and Prosthetics [M.S.] Confidence of Nursing Students in Caring for Acute Post-Operative Patients After Amputation Faculty Mentor: Rebecca Spragg
 - [Join the session here](#)
- **Jeff Bond** - Chemistry [M.S.] Validating Plasma-Chemical Oxidation Sample Preparation for AMS Radiocarbon Analysis of Known-age Materials: Comparison with Combustion Faculty Mentor: Dr. Ruth Ann Armitage
 - [Join the session here](#)

- **Joely D. Reznik** - Psychology - General Clinical [M.S.] Parent Impulsivity in Child Emotion Regulation: The Moderating Role of Age Faculty Mentors: Dr. Jamie Lawler, Dr. Angela Staples
 - [Join the session here](#)
- **Joseph Tu *11:00-11:30am*** - Clinical Psychology [Ph.D.] Predicting Changes in Nonlinear Indices of Heart Rate Variability by Anxiety Sensitivity Dimensions Faculty Mentor: Dr. Ellen Koch
 - [Join the session here](#)
- **Kai-ling Coleman** - Chemistry [M.S.] Differences in the Levels of ProBDNF and Mature BDNF in A549 and H1299 Human Lung Cancer Cell Media Faculty Mentor: Dr. Hedeel Evans
 - [Join the session here](#)
- **Kailey MacDonald** - Psychology - Clinical Behavioral [M.S.] Examining and Improving a Multiple-Choice Quiz on Knowledge of Medical Decision-Making Capacity Faculty Mentor: Dr. Claudia Drossel
 - [Join the session here](#)
- **Kaleigh Neely** - Orthotics and Prosthetics [M.S.] Using Virtual Reality to Supplement Orthotics and Prosthetics Education Faculty Mentor: Frank Fedel
 - [Join the session here](#)
- **Kayla Reardon** - Orthotics and Prosthetics [M.S.] The Reliability and Validity of Kinovea Software Analysis for the Measurement of Cervical Range of Motion in Infants Faculty Mentor: Rebecca Spragg
 - [Join the session here](#)
- **Kelcy Rolak** - Communication Sciences and Disorders [M.A.] AAC Use by Adolescents with ASD and their AAC Co-Pilots Faculty Mentor: Dr. Sarah Ginsberg
 - [Join the session here](#)

- **Kelly Mack** - Clinical Mental Health Counseling [M.A.] Client Satisfaction of Tele-mental Health Counseling Through Covid 19 Pandemic Faculty Mentor: Dr. Devika Choudhuri
 - [Join the session here](#)
- **Kelsey Ruiz** - Clinical Mental Health Counseling [M.A.] Pandemic Parents Faculty Mentor: Dr. Irene Ametrano
 - [Join the session here](#)
- **Kendra Blount** - Clinical Mental Health Counseling [M.A.] Patriarch: The Myth of the Ideal Patriarchal Nuclear Family, and its Place within the Black Community Faculty Mentor: Dr. Devika Choudhuri
 - [Join the session here](#)
- **Kendra Perkins** - Ecology, Evolution and Organismal Biology [M.S.] Influence of Nutrient Consumption on Metabolic Rate and Growth Trajectory in Curly Hair Tarantulas Faculty Mentor: Dr. Cara Shillington
 - [Join the session here](#)
- **Leah Hall** - Orthotics and Prosthetics [M.S.] Pediatric Accommodative Shoes Faculty Mentor: Rebecca Spragg
 - [Join the session here](#)
- **Leeann von Korff** - Orthotics and Prosthetics [M.S.] Qualitative and Quantitative Analysis of Student Education on 3D Scanning Techniques Faculty Mentor: Nate Kearns
 - [Join the session here](#)
- **Lindsey Clifford** - Communication Sciences and Disorders [M.A.] Speech and Language Assessment of Internationally Adopted Children Faculty Mentor: Dr. Sarah Ginsberg
 - [Join the session here](#)
- **Maddison Santoro** - Orthotics and Prosthetics [M.S.] How Orthotic and Prosthetic Programs are Addressing Communication with Patients Who Are Deaf/deaf/HOH Faculty Mentor: Nate Kearns

- [Join the session here](#)
- **Madison Ciccaglione & Anna Stark** - Orthotics and Prosthetics [M.S.] *The Impact of Coronal Plane Socket Alignment on the Comfort of Patients with Transtibial Amputations* Faculty Mentors: Frank Fedel, Nate Kearns
 - [Join the session here](#)
- **Madlyn Golden** - Interior Design [M.S.] *The Collective* Faculty Mentor: Linda Mason
 - [Join the session here](#)
- **Mair Edwards** - Molecular/Cellular Biology [M.S.] *Temperature Response of Photorespiratory Aminotransferases in Arabidopsis thaliana* Faculty Mentor: Dr. Aaron Liepman
 - [Join the session here](#)
- **Patricia Lasutschinkow** - Clinical Psychology [Ph.D.] *Examining the Moderating Effect of Age on Relationships Between Motor Engagement Factors in Children* Faculty Mentor: Dr. Jin Bo
 - [Join the session here](#)
- **Rachel Flickema** - Athletic Training Combined [BS + MATR] *Examining How Perceived Stress in Athletic Training Students Can Lead to Burnout After Certification* Faculty Mentor: Dr. Courtney Lewis
 - [Join the session here](#)
- **Rachel Summers** - Orthotics and Prosthetics [M.S.] *The Relationship Between Self-Esteem and Orthotic Treatment Compliance in Children with Adolescent Idiopathic Scoliosis* Faculty Mentor: Rebecca Spragg
 - [Join the session here](#)
- **Rebecca Barnett** - Communication Sciences and Disorders [M.A.] *SLPs on the Autism Spectrum: Clinical Perspectives* Faculty Mentor: Dr. Lidia Lee
 - [Join the session here](#)

- **Renee Dollard** - Ecology, Evolution and Organismal Biology [M.S.]
Re-establishment of Legumes in Restored Prairies May Depend More on Herbivores Than Rhizobia Symbiont Faculty Mentor: Dr. Emily Grman
 - [Join the session here](#)
- **Sadie Baker** - Ecology, Evolution and Organismal Biology [M.S.]
Investigating Sources of Microplastics and Their Effects on Biofilm Function in the Huron River Faculty Mentor: Dr. Kristin Judd
 - [Join the session here](#)
- **Sarah Schrader** - Biology - General [M.S.] *Does High Prey Availability Extend the Gregarious Phase of Hatchling Curly-Hair Tarantulas (Tliltocatl albopilosus)?* Faculty Mentor: Dr. Cara Shillington
 - [Join the session here](#)
- **Sarah Thomas** - Orthotics and Prosthetics [M.S.] *Treatment of Congenital Muscular Torticollis when Paired with Moderate to Severe Deformational Plagiocephaly* Faculty Mentor: Rebecca Spragg
 - [Join the session here](#)
- **Savannah Roberts** - Athletic Training Combined [BS + MATR] *Blood Flow Restriction Therapy and the Return to Play Timeline for Lower Body Injuries* Faculty Mentor: Dr. Courtney Lewis, Jodi Schumacher
 - [Join the session here](#)
- **Shannon Everly & Sophia Mancini** - Orthotics and Prosthetics [M.S.] *Enhancing O&P Education with Unlimited Access to Gait Analysis Using Virtual Reality* Faculty Mentor: Frank Fedel
 - [Join the session here](#)
- **Taye Capron** - Biology - General [M.S.] *The Level of Antibiotic Production is Dependent on Pre- and Co-Fermentation Conditions* Faculty Mentors: Dr. Paul Price, Dr. Anne Casper
 - [Join the session here](#)

- **Victoria Heckenlively** - Orthotics and Prosthetics [M.S.] Design and Fabrication of Dynamic Model of Hip Joint for More Effective Learning Faculty Mentor: Frank Fedel
 - [Join the session here](#)

- **William Joysey** - Physics [M.S.] Precursor Soliton Observation Using Dusty Plasma Faculty Mentor: Dr. Surabhi Jaiswal
 - [Join the session here](#)