

**Scholars Week 2019 Winners  
University-Wide Poster Exposition  
March 22, 2019**

**COLLEGE OF BASIC & APPLIED SCIENCES**

**Undergraduate 1<sup>st</sup> Place**

#388 Thermal Desorption DART-MS Analysis of Ignitable Liquids with Chemometrics. Isabella Barnett, Forensic Science; Mengliang Zhang, (author/Faculty Sponsor), Chemistry; Frank Bailey, Faculty, Biology

**Undergraduate 2<sup>nd</sup> Place**

#384 Fast Screening of Explosives by Direct Analysis in Real Time Mass Spectrometry. Virginia Benefield, Forensic Science; Jared Frazier, Chemistry; Mengliang Zhang, (author/Faculty Sponsor), Chemistry

**Undergraduate 3<sup>rd</sup> Place**

#358 Gene Discovery and Annotation of *Gardnerella vaginalis*, a Bacterium Associated with Bacterial Vaginosis and Pre-term Labor. Marina Ibrahim, Biology; Rebecca Seipelt-Thiemann, (author/Faculty Sponsor), Biology; Tim Miller, Faculty, Computational Science

**Graduate 1<sup>st</sup> Place**

#515 Evaluating Physical Ergonomics in MTSU Classrooms. Brianna Smith, Engineering Technology; Mina Mohebbi (Faculty sponsor) Engineering Technology

**Graduate 2<sup>nd</sup> Place**

#505 A Prussian Blue Zinc Oxide Carbon Nanotube Composite for Rapid Hydrogen Peroxide Assaying. Raja Pandey, Chemistry; Yuhang Guo, Visiting scholar, Biology; Ying Gao, Faculty, Agriculture; Charles Chusuei, (author/Faculty Sponsor), Chemistry

**Graduate 3<sup>rd</sup> Place**

#504 Workload and Kinematics of Horses during Underwater Treadmill Exercise. Elysia Arnold, Horse Science; Holly Spooner, Faculty, Horse Science; Naomi Minardi, Industry collaborator: Equine PerforMAX, Horse Science; Rhonda Hoffman, Faculty, Horse Science; Holly Spooner (Faculty sponsor) Horse Science

**COLLEGE OF BEHAVIORAL & HEALTH SCIENCES**

**Undergraduate 1<sup>st</sup> Place**

#305 Relationships between Skin Carotenoids, Body Mass Index, and Fruit/Vegetable Intake. Daniela Vega Little, Human Sciences; Elizabeth Smith, (author/Faculty Sponsor), Human Sciences; Janet Colson, Faculty, Human Sciences

**Undergraduate 2<sup>nd</sup> Place**

#371 The Relationship between Feeling Unsafe at School and Depression among Tennessee High School Students. Tahirah Qadir, Allison Poteete, Macy Taylor, Melissa Davis, Felicia Pursley, Health and Human Performance; Garvita Thareja, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

**Undergraduate 3<sup>d</sup> Place**

#366 Examining the Relationship between Bullying and Suicide in High Schools. Tatum England, Destine Gilliland, Abike Egbeniyi, Miaya Edwards, Health and Human Performance; Garvita Thareja, Health and Human Performance; Andrew Owusu (Faculty sponsor) Health and Human Performance

**Graduate 1<sup>st</sup> Place**

#577 Exploring the Complexity and Treatment Implications of the Bidirectional Relationship between Symptoms of Mental Illness and Chronic Disease Progression in a Rare Disease Population. Chanell Haley, Health and Human Performance; Sarah Patrick, Health and Human Performance; Angie Bowman (Faculty sponsor) Health and Human Performance

**Graduate 2<sup>nd</sup> Place**

#545 What Every Company Should Consider Before Entering Into an eSport Sponsorship Agreement: A Practitioner Perspective. Mohammed HutHut Alqahtani, Health and Human Performance; Brandy Palmer, Health and Human Performance; Steve Estes (Faculty sponsor) Health and Human Performance

**COLLEGE OF BUSINESS**

**Undergraduate 1<sup>st</sup> Place**

#397 Restoration and Preservation of Irish Tower Houses: A Regional Study Conducted in County Tipperary, Ireland. Matthew Cureton, Management; Stacey Graham (Faculty sponsor) History

**COLLEGE OF EDUCATION**

**Undergraduate 1<sup>st</sup> Place**

#386 Race, Bullets, and Videotape: Making Sense of Oscar Grant's Death. Lily West, English; Laura Dubek (Faculty sponsor) English

**Undergraduate 2<sup>nd</sup> Place**

#350 Chaos in Cincinnati: An Examination of a 2001 Race Riot in my Hometown. Maddison Falter, English; Laura Dubek (Faculty sponsor) English

**Undergraduate 3<sup>rd</sup> Place**

#300 Said in the Dark, Heard in the Daylight: Unearthing the Secrets of the 1921 Greenwood Massacre. Christopher Hyde, English; Laura Dubek (Faculty sponsor) English

**Graduate 1<sup>st</sup> Place**

#501 Language of Racial Reconciliation and Social Justice: Corpus-Based Analysis and Implications for Teaching. Jennifer Grow, Literacy Studies; Mohammed Albakry, (author/Faculty Sponsor), Literacy Studies

**COLLEGE OF LIBERAL ARTS**

**Undergraduate 1<sup>st</sup> Place**

#385 Learning from the Student's Perspective. Sarah Dixon-Morgan, Political Science; Ryan Korstange (Faculty sponsor) University Studies

**Undergraduate 2<sup>nd</sup> Place**

#361 Trayvon Martin: A Contemporary Narrative of American Race Relations. Laurel O'Neill, English; Laura Dubek (Faculty sponsor) English

**Undergraduate 3<sup>rd</sup> Place**

#355 The Past is Prologue: What 1957 Little Rock Teaches Us about Our Schools Today. Skylar Smith, English; Laura Dubek (Faculty sponsor) English

**Graduate 1<sup>st</sup> Place**

#543 Preserving Hidden Histories and the Frierson Chapel Historic District. Sarah Williams, History; Quinlan Odom, History; Jessica Smyth, History; Carroll Van West (Faculty sponsor) History

**Graduate 2<sup>nd</sup> Place**

#552 Commemorative Landscapes of Bangladesh: A History of National Identity and Transformation. Md Rahaman, History; Martha Norkunas (Faculty sponsor) History

**Graduate 3<sup>rd</sup> Place**

#512 The Forgotten Resource: Analyzing the Architecture of Historic Roller Rinks. Olivia Lane Tillner, History; Carroll Van West (Faculty sponsor) History

**COLLEGE OF MEDIA AND ENTERTAINMENT**

**Undergraduate 1<sup>st</sup> Place**

#308 The Effects that Memory has on Chamulas. Kelly Parker, Media and Communication; Rebekka King (Faculty sponsor) Religious Studies

**Graduate 1<sup>st</sup> Place**

#557 Zen and the Art of VR Gardening. Alexander Carter, Recording Industry; John Merchant (Faculty sponsor) Recording Industry

**Graduate 2<sup>nd</sup> Place**

#531 The Influence of Regionalism in Popular Recording: Spotlight on Memphis and Nashville. Ross Rice, Recording Industry; William Crabtree (Faculty sponsor) Recording Industry

**Graduate 3<sup>rd</sup> Place**

#542 Subversiveness Masculinity in Children's Animation: Hey Arnold, Avatar: The Last Airbender and The Loud House. Kristen Sales, Media and Communication; Jane Marcellus (Faculty sponsor) Journalism