

Scholars Week Winners Spring 2017

COLLEGE OF BASIC & APPLIED SCIENCES

Undergraduate Tie for 1st Place

#418 Camille Gilley (Biology), Melissa Pompilius, (Biology), Robert Fischer (Faculty sponsor, Biology) *The Effects of Environmental Cues on Dormant Egg Production in an Exotic Zooplankton*

#312 Samantha Addis (Geosciences), Melissa Lobegeier (Faculty sponsor, Geosciences) *Analysis of Thecamoebian Assemblages in Fall Creek Falls State Park*

Undergraduate Tie for 2nd Place

#331 Darcy Tabotabo (Biology), Stephen Wright (Faculty sponsor, Biology) *Assessment of Anti-Herpes Simplex Virus Type 1 Activity in Bidens biternata and Mangifera periciformis*

#338 Scott Armstrong (Chemistry), Ashley Corson (Chemistry), Kevin Bicker (Faculty sponsor, Chemistry) *Characterization and Structure-Activity Relationship of an Antimicrobial Peptoid Against the Fungi Cryptococcus neoformans*

Undergraduate 3rd Place

#407 Mahmuda Akter (Chemistry), Erin McClelland (Faculty sponsor, Biology), Rebecca Seipelt-Thiemann (Faculty, Biology) *Investigating the Gender Bias of Cryptococcosis using Differential Gene Expression Analyses*

Graduate 1st Place

#562 Joshua Reid (Mathematics and Science Education), Grant Gardner (Faculty sponsor, Biology), Penny Carroll (Mathematics and Science Education), Velta Napoleon-Fanis (Mathematics and Science Education), Emily Smith (Biology) *An Analysis of Research Methodologies in Biology Education Research*

Graduate 2nd Place

#522 Olga Garcia Alvarez (Engineering Technology), Charles Perry (Faculty sponsor, Engineering Technology) *Airport Analysis from a Safety Perspective: North American Airports vs European Airports*

Graduate 3rd Place

#502 Arjun Kafle (Molecular Biosciences), Scott Handy (Faculty sponsor, Chemistry) *A Greener Approach to One-Pot Copper-Catalyzed Azide-Alkyne Cycloaddition (CuAAC) Reaction of Aryl Bromides in a Deep Eutectic Solvent*

COLLEGE OF BEHAVIORAL & HEALTH SCIENCES

Undergraduate 1st Place

#391 Grace Farone (Nutrition and Food Science), Jorge Hurtado (Nursing), Lindsey Rose (Biology), Anthony Farone (Faculty sponsor, Biology) *Treat or Trick: Detection of Bacteria Associated with Foodborne Illness on Pumpkin Surfaces*

Undergraduate 2nd Place

#377 Vida Harp (Human Sciences), Grace Farone (Human Sciences), Lisa Sheehan-Smith (Faculty sponsor, Human Sciences) *School Nutrition Recipe Development and Evaluation*

Undergraduate 3rd Place

#422 Jeeun Yi, (Psychology), Ying Jin (Faculty sponsor, Psychology) *The Mode Effects in Smartphone Surveys; Analysis using the Item Response Theory (IRT)*

Graduate 1st Place

#572 Junbae Mun (Health and Human Performance), James L. Farnsworth (Health and Human Performance), Heontae Kim (Health and Human Performance), Seungho Ryu (Health and Human Performance), Minsoo Kang (Faculty sponsor, Health and Human Performance) *Cross-Validation of the Developed Obesity Cut-Off Points for Korean adults*

Graduate 2nd Place

#510 Christof Fehrman (Psychology), Micah D'Archangel (Psychology), Cyrille Magne (Faculty, Psychology), William Langston (Faculty sponsor, Psychology) *I Was in Great Perplexity: An Electroencephalographic Investigation of Meaning Threat*

Graduate 3rd Place

#567 Heontae Kim (Health and Human Performance), Don Morgan (Faculty, Health and Human Performance), Sandra Stevens (Faculty, Health and Human Performance), John Coons (Faculty, Health and Human Performance), Minsoo Kang (Faculty sponsor, Health and Human Performance) *Validity of MAPS Score as a Functional Measure in Adults with Incomplete Spinal Cord Injury*

COLLEGE OF BUSINESS

Graduate 1st Place

#521 Abul Hasnat Salimullah (Economics and Finance), Stuart Fowler (Faculty Sponsor, Economics and Finance) *Humps in Higher Education Expenditure Over the Life-Cycle: Facts From Consumer Expenditure Survey Data*

Business Plan Competition Winners

Thomas Harris and Kirkland Atkins, *Accoa*

Chris Perrine and Tim Mathisen, *Protective Innovations*

Brooke Greene, *Smells Don't Sell*

COLLEGE OF EDUCATION

Undergraduate 1st Place

#373 Joy Shind (Art), Debrah Sickler-Voigt (Faculty sponsor, Art) *Promoting Global Understanding: An In-Depth study of the Neo-Classical Frescoes located at Villa Di Geggiano, Siena Italy*

Undergraduate 2nd Place

#305 Calla Sharp (Elementary and Special Education), Jane Seok Jeng Lim (Faculty sponsor, Elementary and Special Education), DeArris Boyd (Elementary and Special Education) *A Child's World: A Qualitative Study of the Social and Cultural Construct of Kindergarten Children*

Graduate 1st Place

#566 Kari Miller (Educational Leadership), Nancy Caukin (Faculty sponsor, Educational Leadership) *Instruction and Intervention Practices at National Blue Ribbon Title I Schools*

Graduate 2nd Place

#524 Daren Li (Literacy Studies), Jwa Kim (Faculty sponsor, Literacy Studies), Zaya Ahmed (Literacy Studies) *Analyzing Growth and Change Between ELL and non-ELL Examinees: Latent Growth Curve Modeling Applied to Reading Comprehension Test*

COLLEGE OF LIBERAL ARTS

Undergraduate 1st Place

#341 Kelsey Massey (Global Studies and Geography), Doug Heffington (Faculty sponsor, Global Studies and Geography) *Select Ethnic Enclaves and their Cultural Indicators in Nashville, Tennessee: Nolensville Road*

Undergraduate 2nd Place

#327 Katherine Clemens (History), Laura Dubek (Faculty sponsor, English) *Bittersweet Lemonade: Hurtson, Beyonce, and the Haters*

Undergraduate 3rd Place

#397 Macie Orrand (Sociology and Anthropology), Stephen Jackson (Biology), Shannon Hodge (Faculty sponsor, Sociology and Anthropology) *Skeletal Analysis of Samburg Site (40-OB6) for Evidence of Violence and Trophy Taking*

Graduate 1st Place

#551 Bethany Hall (Geosciences), Derek Frisby (Faculty sponsor, History) *Middle Tennessee State University's Vietnam Veterans Memorial Project*

Graduate 2nd Place

#512 Dennis Wise (English), Becky King (Faculty sponsor, English) *Rage and Resentment in Middle-earth: The Political Conflict of Ancient and Modern in J.R.R. Tolkien*

COLLEGE OF MEDIA AND ENTERTAINMENT

Undergraduate 1st Place

#352 Cassidy Johnson (Recording Industry), Joan McRae (Faculty sponsor, Foreign Languages and Literatures) *Ecocriticism: An Allegorical Interpretation of the Environmentalism Movement in Godzilla*

Graduate 1st Place

#514 Natasha Branch (Recording Industry), John Merchant (Faculty sponsor, Recording Industry) *Mixing Like a Producer: Creative Approaches for Mixing Contemporary Popular Music*

Graduate 2nd Place

#503 Sam Mentzer (Recording Industry), Joseph Akins (Faculty sponsor, Recording Industry) *Music Production in the Style of Dr. Dre: A Study in Auteur Production Techniques (1998-2001)*

Graduate 3rd Place

#557 Leah Bailey (Media and Communication), Jane Marcellus (Faculty sponsor, Journalism) *The Mystery of the Vanishing Sleuth: The Representation of Nancy Drew in Cover Design from 1930 to 2016*