7th Annual Charles E. Shanklin Colloquium
April 12, 2016

Award for Research Excellence Finalist Presentations, BTSU 308, 3pm-5pm
Concurrent Research Panels, 12pm-5:40pm
Poster Session, Lenhart Grand Ballroom, 1pm-4pm

Award for Research Excellence Finalist Presentations
3pm-5pm; BTSU 308

- **Alexandra Henderson**, Supervisor Body Weight and Subordinate Organizational Citizenship Behavior: A Social Exchange Theory Perspective, Psychology
- **Morgan Dynes**, A National Study of Child and Family Therapists: The Relationships Between Therapist Barriers to Parent Engagement, Parent Engagement Efficacy, and Burnout, Clinical Psychology
- **Audrey Maran**, It’s Not Just You, Spiders are Scary: The Effect that Fear of Predators May Have on Climate Change, Biological Sciences
- **Giuseppe Giammanco**, Light-Responsive Sugar-Based Materials for Cartilage Tissue Engineering, Photochemical Sciences
- **Jacob Smith**, Decorating a Swan Song: Historically-Informed Ornamentation in Schubert’s Schwanengesang, Music History
- **April Conway**, Practitioners of Earth: The Literacy Practices of Grassroots Cartographers, Rhetoric and Writing

Concurrent Panels
12pm-1pm

- **BTSU 314**
  - **Shelby Miller**, Banksy’s 2013 New York Residency: Examining the Temporality of Contemporary Street Art, Art History
  - **Shane Snyder**, The Impossible Lesbian Identity: Complicating the Private Space in Gone Home, American Culture Studies
  - **Dinah Tetteh**, “I Feel Different”: Ovarian Cancer and Sexual Health, Media & Communication
  - **Vaughn Thornton**, Queering ESL: Using Queer Theory in the ESL Classroom, Cross Cultural and International Education
  - **Chair: Rebecca Norman**
  - **Judges: Dhiman Chattopadhyay, Mallory Minter, Nanosh Lucas**

- **BTSU 315**
  - **Natalia Kholmicheva**, Enhanced Emission of Nanocrystal Solids Featuring Spatially Extended Excitons, Photochemical Sciences
  - **Liubov Lifshits**, Solution-State Photophysics of N-carbazolyl Benzoates. Positive Solvatochromism and Increased Quantum Yield via Twisted Intramolecular Charge-Transfer State Formation, Photochemical Sciences
Oluyemi Oyeniran, Estimating the Proportion of True Null Hypotheses in Multiple Testing Problems, Statistics

Chair: Christian Thompson
Judges: Maryam Kamran, Gwendolyn Zugarek, John Luchon

1:10pm-2:10pm

• BTSU 314

Srihimaja Nandamudi, Flow Vibrato: Dependence on Pitch and Loudness, Communication Disorders

Alec Norkey, Intersectionality in Cyberspace: Commercialization and Gender in Female Ryouseiruis’ Music Videos, Ethnomusicology

Bincy Abdul Samad, CNN, James Foley and Al Jazeera: Different Versions of Foley Story?, American Culture Studies

Chair: Mallory Minter
Judges: Julia Largent, Christian Thompson, Gwendolyn Zugarek

• BTSU 315

Vincent Coppola, Changes in hippocampal volume and neuron number co-occur with memory decline in old homing pigeons (Columbia livia), Psychology

Stefan Ilic, Sensitization of p-GaP with Monocationic Dyes: The Effect of Dye Excited-State Lifetime on Hole Injection Efficiencies, Photochemical Sciences

Anton Razgoniaev, Cr(III)-metallosupramolecular polymers show reversible changes in mechanical strength upon light irradiation, Photochemical Sciences

Chair: Oluyemi Oyeniran
Judges: Maryam Kamran, Rebecca Norman, Hope Turner

2:20pm-3:20pm

• BTSU 314

Mohammad Abuljadail, What Do Brands Post on Facebook Anyway? An Exploratory Study of Local and Global Brands in Saudi Arabia, Media & Communication

Dhiman Chattopadhyay, “No good girl walks home alone at night”: Can comic book narratives create social awareness and influence attitudes about rape victims in India? Case study of India’s first augmented reality comic book Priya’s Shakti, Media & Communication

Esen Saygin Koc, A Grounded Theory Analysis of Turkish Online News Comments After the Charlie Hebdo Attack, Media & Communication

Liu Yang, The Impact of QR codes on Engagement with iPads, Media & Communication

Chair: Shahad Al-Door
Judges: Christian Thompson, Aaron McPherson, Shrinkhala Upadhyaya
• BTSU 315
  o Michael Otten, Smartphone Spectroscopy: A Novel Tool Enabling Citizen Involvement in Environmental Water Quality Monitoring, Chemistry
  o Elena Shcherbakova, Determination of Enantiomeric Excess in Amine Derivatives Via Molecular Self-Assemblies, Chemistry
  o Chair: Hope Turner
  o Judges: Derron Borders, Scott Chappuis, Brittany Joseph

3:30pm-4:30pm
• BTSU 314
  o Elena Aponte, Beast Incarnate: the Post Human in Trigun and the Island of Dr. Moreau, Literary and Textual Studies
  o JoAnna Murphy, Negotiating Fat Bodies: How Fat People Experience and Negotiate their Experiences with Popular Culture, American Culture Studies
  o Lauren O'Connor, "Brace Yourselves. Prepare to Become Fictional:" Social Thought as Individual Development in Flex Mentallo: Man of Muscle Mystery, American Culture Studies
  o Brian Yager, Two Tales of Financial Mismanagement: How Iceland and Greece Repeat the History of Capitalism’s Financial Crises, History
  o Chair: Keji Kujjo
  o Judges: Shahad Al-Doori, Hope Turner, Marshal Fettreo

• BTSU 315
  o Zachariah Basehore, Is Simpler Better? Testing the Recognition Heuristic As a Decision Strategy, Psychology
  o Natalia Razgoniaeva, Colloidal Synthesis of Monodisperse Semiconductor Nanocrystals through the Saturated Ionic Layer Adsorption, Photochemical Sciences
  o Jennifer Shimola, Stressor anticipation through plant-plant signalling alters performance in Arabidopsis, Biological Sciences
  o Chair: Sara Ghaffari
  o Judges: Derron Borders, Aaron McPherson, Shrinkhala Upadhyaya

4:40pm-5:40pm
• BTSU 314
  o Qijuan Fang, Evidence for Scale Reliability and Validity of Scores on the Anxiety Depression Distress Inventory-27 among Military and college populations, Developmental Psychology
o **Scott Graupensperger**, A meta-analytic review of prosocial and antisocial behavior in sport, Psychology

o **Cassandra Pentzien**, Ego Depletion and Active Violent Media: Video Games, Self-Control, and Aggression, Clinical Psychology

o **Chair**: Chris Faulkner

o **Judges**: Shahad Al-Doori, Sara Ghaffari, Keji Kujjo

**Poster Session**

**1pm-4pm; BTSU Lenhart Grand Ballroom (BTSU 202A)**

- **Justin Burdine**, Examining Urban and School Gardens in Northwest Ohio: Using Ecology and Education to Increase Food Access, Biology

- **Payel Chatterjee**, Using Environmental Bacteria as a Source to inhibit Cystic Fibrosis-Derived Pathogenic *P. aeruginosa*, Microbiology

- **Kelly Cholewa**, Effects of Mutations in *Escherichia coli* ExbD C-terminus Domain on its Efficiency to Function, Biological Sciences

- **Ana Jurcak**, Beyond the Landscape of Fear: Defining the Impact Space of the Sensory Signals Involved in Predator-Prey Interactions, Biological Sciences

- **Xiaohan Ni**, Smart Electricity Grid: Load Forecasting Using Artificial Intelligence Techniques, Electronics and Computer Engineering Technology

- **Brittany Sizemore**, Time-of-Day Associative Learning to Spatial or Feature Information in Homing Pigeons (*Columba livia*), Psychology

- **Elizabeth Walters**, An Examination of Education Histories and Formal Leadership Experiences of Program Directors in CAATE Accredited Athletic Training Programs, Human Movement, Sport, and Leisure Studies

- **Serena Wong**, College Students’ Spiritual Struggles with Parental Psychological Aggression, Clinical Psychology

- **Judges**: Imelda Hunt, Kerry Klima, Oluyemi Oyeniran