MU 2014

4th ANNUAL SHOWCASE OF STUDENT SCHOLARSHIP

Program of Events

April 23, 2014
9:00 a.m. – 5:30 p.m.

307, 312 & 317 Alumni Hall
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Oral Presentations – 312 & 317 Alumni Hall, 2:30p.m.–5:00p.m.

Welcome and Introduction by Dr. David Stinebeck

Room 317

• Kayleigh Lane – 2:30p.m.
  o The Reintegration Process for Veterans
• Kari Rogers - 2:45p.m.
  o Effects of Infant Sign Language
• Janelle Forker – 3:00p.m.
  o Rape: Psychological Effects and Recommended Treatments
• Chelsey Stiger – 3:15p.m.
  o The Psychological Effects of Adoption on Children
• Chelsea Davoli – 3:30p.m.
  o Behavior Interventions for Children with ADHD and Conduct Disorders
• Manuella Calderon – 4:00p.m.
  o The Psychology of Happiness
• Ashley Scott – 4:15p.m.
  o A Rise in Teen Suicide
• Kenneth Kellar – 4:30p.m.
  o Alternative Supplemental Treatments for Stress, Anxiety, and Depression
• Danyelle Harvey – 4:45p.m.
  o Improving Disaster Relief Mental Health

Room 312

• Kurtis Mallow – 2:30p.m.
  o Personality and White Collar Crime
• Colin Chapman – 2:45p.m.
  o The Bethlehem Steel Corporation: From Success to Ruin
• Caleb Aurand and Ian Sutton – 3:00p.m.
  o Genomics: Newt Gene Annotation
• William Coolbaugh – 3:15.m.
  o Induced Chemical Defenses and the Caloric Value of Tomato Fruit
• Michelle McKissick – 3:30p.m.
  o Genomic & Culture-based examination of germination in Bacillus species
• Ian Sutton – 4:00.m.
  o The Effects of Benzene and Toluene on Amphibians and Goldfish
• Rachael Tylock – 4:15p.m.
  o Grinding Down Coral Reefs
• Hollen Graver – 4:30p.m.
  o Ethics and Security Concerns of Cloud Computing
• Scott Conrade and Devyn Sivers – 4:45p.m.
  o Eat Locally, Act Globally

Performance – 307 Alumni Hall, 3:00p.m.-5:00p.m.
• Michael Glasser
  o “The Journey” – instrumental song written by Michael Glasser
• Mary Pulanco, Chelsi Reed, Jay Biernat and Emily McKee
  o Medley of Daft Punk songs arranged for clarinets and a bass clarinet
• Joshua Malave
  o Flute Sonata Movement 1
• Katherine Sabol, Michael Gorzelsky, Colin Chapman and Paul Matthews
  o Performing “Mountain Roads” by David Maslanka
• MU Freshman Saxophone Quartet – Lance Welch, Julia Federico, Richard Pollock and Jeremy Brokos
  o Performing “Drastic Measures” by Russell Peck
Posters – Session I - Corridor Area, 9:00a.m. – 12:00p.m.

- Kaleb Crouse
  - UV/vis Spectroscopy of Lanthanide Metal
- Colton Long
  - Death and Diplomacy: The Impact of Drone Strikes on U.S.-Pakistani Relations.
- Aimee Nungesser
  - Allocation of Supplemental Dietary Protein to Individual Growth and Web production in Cellar Spiders
- Ryan Stuart, Matt Dickel, Ryan Kutz, Joel VanOrd, Ivy Bruch, Ryan Krawczeniuk, Erick Locey and Zachary Rossetti
  - Conservation
- Anthony Diasparra, Dianna Myers, Dean Lucia, Maddie York, Rachel Collins, Cody Getz and Susanne Mattingly
  - Preservation
- Susan Learn
  - Using Proxy Measurement and Combing Modeling Techniques to Produce a Digital 3D Model of Belknap Hall
- Brandon Lepley
  - Using Basic Photogrammetric Measuring Techniques and Combined Modeling Methods to Produce a 3D Model of Belknap Hall
- Blair Phelps
  - Creating a Useful Campus Map of Mansfield University From Scratch in 10 Days
- Mitch Kriesler
  - Using Photo Stretching Techniques to Produce a Digital 3D Model of Belknap Hall
- Christopher McCarty
  - Examining the Blended Family: Major Issues, Perceptions and Ways to Improve
- Kaelyn Koser
  - How Crop Cover Affects Sediment Erosion in Floodplains on the Loyalsock Creek
Posters – Session II - Corridor Area, 12:00p.m. – 3:00p.m.

- Amber Houser
  - *The Tale of Forty Thieves*
- Joshua Mihalik
  - *Distribution and Evolution of Phototrophic Ability in the Genus Sphingomonas*
- Ashley Morey and Shawn Wieboldt
  - *Does Gender Influence the Attractiveness of Shy Individuals?*
- Serena Chapman and Dominique Halton
  - *It Is What You Say! The Effect of Tone Likability*
- Kayleigh Lane and Chelsea Davoli
  - *To Conform or Not: The Effects of Mimicry on Liking*
- Chelsey Stiger & Janelle Forker
  - *The Effects of Music on the Frustration-Aggression Relationship*
- Kylie Smith and Erin Ratliff
  - *The Effects of Empathy and Social Exclusion on Prosocial Behavior*
- Pordea Saydee and Ashley Scott
  - *Dislike Me Now and Like Me Later*
- Erin Ratliff
  - *The Influence of Attachment and Perceived Sexual Attraction on Mate Retention Tactics and Relationship Satisfaction*
- Alex Young
  - *Paradox of Security Council Reform*
- Bryan McCullough
  - *Correlation of Lanthanide Ion Spectra with Different Solvent Environments*
- David Fink
  - *Sinkhole Risk Assessment of the Annville Limestone Formation in Lebanon, PA*
Art & Media Exhibits - 307 Alumni Hall, 10:00a.m. – 3:00p.m.

- Taylor Donahue
  - “The Vagina Quilt”
- Jackie Lorenzini
  - “The Rape Schedule”
- ReBecca Culver
  - Untitled - Ceramics
- Nancy Kepner
  - Insemmolence – Graphite & Charcoal drawings
- Anais Sattler
  - Design Identities
- Breanne Eisenhardt
  - 2D & 3D Art
- Emily Crandell
  - “The Greatest Game”
- Kristen Shabe
  - “Drought, False Beauty, Ugliness of the Soul, Einstein and Thoughts”
- Sam Schaar
  - Untitled - Ceramics
- Molly Flannery
  - “Expression” – B&W photography
- Erica Mitchell
  - “Silence” - Ceramics
- Jordan Boothe
  - “Movement” – series of three designs
- Brian Rezek
  - “Empire State, Burning Love Sensation and Just Chilling” – realistic drawings
A Celebration of Mansfield University’s Student Scholarly and Creative Achievements.

“Show What You Know!”

This event was made possible through the effort of the Council on Undergraduate Research: Gretchen Sechrist, David Stinebeck, Steve Stein and Christopher Kopf.

Thank you also to Wanda LaBar, Tammy Hagar and Karen Guenther.

Special thanks to Kenneth Cobb and students in his ART 2220 – Gallery Management & Exhibition Design class for volunteering to create the poster for the Showcase.

**Student:** Julie Brossman created the winning design.

Mansfield University is a member of the Pennsylvania State System of Higher Education
THANK YOU TO EVERYONE

FOR A SUCCESSFUL SPRING 2014 SHOWCASE