Spring 2015

Honors Thesis Conference

Sponsored By
The Eastern Kentucky University
Honors Program

April 14-16, 2015
<table>
<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Title</th>
<th>Presenter</th>
<th>Mentor</th>
<th>Discussant</th>
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<tbody>
<tr>
<td>10:00-10:30 a.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“The Practicality and Ethics of Routinely Screening Healthcare Workers for Antibiotic Resistant Bacteria”</strong></td>
<td>Krista Clark, presenter</td>
<td>Dr. Bill Staddon, mentor</td>
<td>Krissie Hogan, discussant</td>
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<tr>
<td>10:30-11:00 a.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“The Tipping Point of Post-Secondary Education in the Commonwealth of Kentucky”</strong></td>
<td>Krissie Hogan, presenter</td>
<td>Mr. David McFaddin, mentor</td>
<td>Joseph Romer, discussant</td>
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<tr>
<td>11:00-11:30 a.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“Repair, Replace, Restore: Innovation in Treating Organ Damage”</strong></td>
<td>Joseph Romer, presenter</td>
<td>Dr. Oliver Oakley, mentor</td>
<td>Krista Clark, discussant</td>
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<tr>
<td>1:00-1:30 p.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“The Relationship between Just-World Beliefs, Victim Blaming, and Anger”</strong></td>
<td>Taylor Dantes, presenter</td>
<td>Dr. Jerry Palmer, mentor</td>
<td>Daniel Carman, discussant</td>
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<tr>
<td>1:30-2:00 p.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“The Study of Antibiotic Resistance in and around Eastern Kentucky”</strong></td>
<td>Beth Spencer, presenter</td>
<td>Dr. Bill Staddon, mentor</td>
<td>Taylor Dantes, discussant</td>
</tr>
<tr>
<td>2:00-2:30 p.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“The Efficacy of N-Acetylcysteine and Vitamin C in the Treatment of the Secondary Effects of Moderate Traumatic Brain Injury”</strong></td>
<td>Daniel Carman, presenter</td>
<td>Dr. Tanea Reed, mentor</td>
<td>Beth Spencer, discussant</td>
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<tr>
<td>3:00-3:30 p.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“Synthesis and Characterization of Pb2+-Doped ZnS Nanocrystals for Photocatalyzed Hydrogen Gas Generation”</strong></td>
<td>Dylan Perraut, presenter</td>
<td>Dr. Judy Jenkins, mentor</td>
<td>Sara Durham, discussant</td>
</tr>
<tr>
<td>3:30-4:00 p.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“Dance is My Life: The Occupational Experience of Adult Dancers”</strong></td>
<td>Sara Durham, presenter</td>
<td>Dr. Dory Marken, Mentor</td>
<td>Chelsea Peters, discussant</td>
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<tr>
<td>4:00-4:30 p.m.</td>
<td><strong>Library 204D</strong></td>
<td><strong>“To - : A Musical Interpretation of Poems by Edgar Allan Poe”</strong></td>
<td>Chelsea Peters, presenter</td>
<td>Dr. Bernardo Scarambone, mentor</td>
<td>Dylan Perraut, discussant</td>
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- **Library 204 G**
  | 10:00-10:30 a.m. | **“Learning to MAKE/DO in the Mountains: A Look at Social Change in the Coal Fields”** | Jason Edwards, presenter   | Dr. William Hatcher, mentor |
  | 1:00-1:30 p.m. | **“The Crumbling Management of Celiac Disease”** | Sara Meyer, presenter      | Dr. Martin Brock, mentor   | Ryan Poynter, discussant |
  | 1:30-2:00 p.m. | **“Community Service Motivations and Experiences”** | Ryan Poynter, presenter    | Ms. April Barnes, mentor   | Sara Berge, discussant |
  | 2:00-2:30 p.m. | **“The Veterinarian’s Dilemma: A Feminist Care Ethic Approach to Companion Animal Euthanasia”** | Sara Berge, presenter      | Dr. Matthew Pianalto, mentor | Sara Meyer, discussant |
  | 3:00-3:30 p.m. | **“Nurses Perception of Rural Versus Urban Health Care in Kentucky”** | Katie Parks, presenter     | Dr. Ida Slusher, mentor    | Stephanie Bingham, discussant |
  | 3:30-4:00 p.m. | **“What the Mind Wants without Ever Knowing: Aristotle, Star Wars, and the LDS Church”** | Shannon Crouch, presenter  | Dr. Nathan Jasinski, mentor | Katie Parks, discussant |
  | 4:00-4:30 p.m. | **“Feminism and the Disney Princesses: Progress vs. Preservation”** | Stephanie Bingham, presenter | Dr. Gaby Bedetti, mentor   | Shannon Crouch, discussant |

≪ A special thank you to Dr. Gene Kleppinger for serving as technology consultant for this event ≫
**Wednesday, April 15**

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<thead>
<tr>
<th>Time</th>
<th>Location</th>
<th>Title</th>
<th>Presenter(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10:00-10:30 a.m.</td>
<td>Library 204D</td>
<td>&quot;Effectiveness of Handwriting Intervention - Handwriting Without Tears - with a 1st Grade Student with ADHD&quot;</td>
<td>Emily Coleman, Dr. Julie Baltsberger, Kara Worley, mentor</td>
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<tr>
<td>10:30-11:00 a.m.</td>
<td>Library 204D</td>
<td>&quot;Student Perceptions of Introducing a Service Dog-in-Training Program at EKU&quot;</td>
<td>Kara Worley, Professor Kathy Splinter-Watkins, mentor Emily Coleman, discussant</td>
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<tr>
<td>1:00-1:30 p.m.</td>
<td>Library 204D</td>
<td>&quot;Analysis of the Pharmaceutical Job Market and How It Relates to Other Medical Professional Careers&quot;</td>
<td>Serenity Hetzell, Dr. Martin Brock, Caleb Hodgson, mentor</td>
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<tr>
<td>1:30-2:00 p.m.</td>
<td>Library 204D</td>
<td>&quot;Corporate Negligence in the American Automotive Industry&quot;</td>
<td>Caleb Hodgson, Dr. Victoria Collins, Bennett Parker, mentor</td>
</tr>
<tr>
<td>2:00-2:30 p.m.</td>
<td>Library 204D</td>
<td>&quot;Quotas for Change: A Comprehensive Analysis of Affirmative Action Policies in Latin America and the United States&quot;</td>
<td>Bennett Parker, Dr. Carolyn Dupont, Serenity Hetzell, mentor</td>
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<tr>
<td>3:00-3:30 p.m.</td>
<td>Library 204D</td>
<td>&quot;Predicting Inmate Perceptions of Sexual Violence: Individual Factors versus Social Climate Factors&quot;</td>
<td>Andrew Beasley, Dr. James Wells, Andrew Sehmann, mentor</td>
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<tr>
<td>3:30-4:00 p.m.</td>
<td>Library 204D</td>
<td>&quot;The Effect of Fitness Methodology on French Horn Endurance&quot;</td>
<td>Andrew Sehmann, Dr. James Willet, Andrew Beasley, mentor</td>
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<tr>
<td>4:00-4:30 p.m.</td>
<td>Library 204D</td>
<td>&quot;Assessment Tools for Elementary-Age Students with Language Disorders&quot;</td>
<td>Shannon Leech, Dr. Cindy Reeves, Heather Zimmerman, mentor</td>
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<tr>
<td>4:30-5:00 p.m.</td>
<td>Library 204D</td>
<td>&quot;Evolution of Midwifery: What BBC Taught us about Giving Birth&quot;</td>
<td>Heather Zimmerman, Dr. Connie Lamb, Shannon Leech, discussant</td>
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<tr>
<td>10:00-10:30 a.m.</td>
<td>Library 204G</td>
<td>&quot;Domestic Terrorism: Balancing Security with Liberties&quot;</td>
<td>Jachin Anderson, Mr. Kenneth Morris, Alexandria Workman, discussant</td>
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<tr>
<td>10:30-11:00 a.m.</td>
<td>Library 204G</td>
<td>&quot;Analyzing the Financial Literacy of Kentucky College Students&quot;</td>
<td>Alexandria Workman, Dr. Zekeriya Eser, Jachin Anderson, discussant</td>
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<tr>
<td>1:00-1:30 p.m.</td>
<td>Library 204G</td>
<td>&quot;Challenging Equivalence and Ethicality in the Recent Climb of Generic Drugs&quot;</td>
<td>Jessica Miller, Dr. Laura Newheart, Laura Rogers, discussant</td>
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<tr>
<td>1:30-2:00 p.m.</td>
<td>Library 204G</td>
<td>&quot;Did Jesus Claim to be God?&quot;</td>
<td>Laura Rogers, Dr. Mike Austin, Natasha Taylor, discussant</td>
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<tr>
<td>2:00-2:30 p.m.</td>
<td>Library 204G</td>
<td>&quot;Development of a Genetic Identification Tool for Five Amphibian Species&quot;</td>
<td>Natasha Taylor, Dr. Stephen Richter, Jessica Miller, discussant</td>
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<tr>
<td>3:00-3:30 p.m.</td>
<td>Library 204G</td>
<td>&quot;An Exploration of Early Intervention Programs and Services for Deaf or Hard of Hearing Children and Their Families in Kentucky&quot;</td>
<td>Kathryn Beck, Dr. Kimberly Hale, Katie Brooks, discussant</td>
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<tr>
<td>3:30-4:00 p.m.</td>
<td>Library 204G</td>
<td>&quot;The Aesthetics of Infinity: An Art Exhibition Informed by Fractal Geometry&quot;</td>
<td>Katie Brooks, Professor Melissa Vandenberg, L. Kathryn Hieneman, discussant</td>
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<tr>
<td>4:00-4:30 p.m.</td>
<td>Library 204G</td>
<td>&quot;Effective Writing Practice: Student Confidence and Instructor Feedback in the Language Arts Classroom&quot;</td>
<td>L. Kathryn Hieneman, Dr. Gill Hunter, Kathryn Beck, discussant</td>
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<tr>
<td>4:30-5:00 p.m.</td>
<td>Library 204G</td>
<td>&quot;Corporation and Instructor Feedback in the Language Arts Classroom&quot;</td>
<td>L. Kathryn Hieneman, Dr. Gill Hunter, Kathryn Beck, discussant</td>
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Thursday April 16

10:00-10:30 a.m. Library 204D
"Chemical Analysis of Kentucky Bourbon Using GC-MS and DART Mass Spectrometry"
Kevin Elmer, presenter
Dr. Darrin Smith, mentor
Josh Lang, discussant

10:00-10:30 a.m. Library 204D
"Theoretical and Experimental Study of Biefield-Brown Effect"
Bong Han Lee, presenter
Dr. Marco Ciocca, mentor
Katherine Redmond, discussant

10:30-11:00 a.m. Library 204D
"Proposed Kentucky High School Mock Trial Criminal Case: An Examination of Habitual Offender Laws"
Josh Lang, presenter
Thomas Parker, Esq., mentor
Alex Hanavan, discussant

10:30-11:00 a.m. Library 204D
"Antibiotic Resistant Genes in the Kentucky River as a Result of Agricultural Runoff and other Anthropogenic Influences"
Katherine Redmond, presenter
Dr. Bill Stadlon, mentor
Jacob Whitaker, discussant

11:00-11:30 a.m. Library 204D
"The Journey to Mars: Understanding the Exponential Growth of Technologies that Will Lead Us to the Red Planet"
Alex Hanavan, presenter
Dr. George Landon, mentor
Kevin Elmer, discussant

11:00-11:30 a.m. Library 204D
"The Autonomous Learner Model: Is it Practical in the College Setting?"
Jacob Whitaker, presenter
Professor Jon Gaffney, mentor
Bong Han Lee, discussant

1:00-1:30 p.m. Library 204D
"Connexin-43 and Traumatic Brain Injury: A Potential Target for Therapeutic Intervention"
Lauren Moore, presenter
Dr. Tanea Reed, mentor
Andrew Sayler, discussant

1:00-1:30 p.m. Library 204G
"The Study of Seuss"
Athena Deaton, presenter
Dr. Malcolm Frisbie, mentor
Jordan Blackaby, discussant

1:30-2:00 p.m. Library 204D
"A Commentary to the SGA Changes to the Constitution"
Damir Siahkoohi, presenter
Dr. Steve Barracca, mentor
Lauren Moore, discussant

1:30-2:00 p.m. Library 204G
"Opening Closing Doors: How Occupational Therapy Facilitates Learning for the Deaf and Hard of Hearing"
Jordan Blackaby, presenter
Professor Kathy Splinter-Watkins, mentor
Ashley Joyner, discussant

2:00-2:30 p.m. Library 204D
"The Progressive Ascendance: The Elections of 1912 and 1932"
Andrew Sayler, presenter
Dr. Thomas Appleton, mentor
Damir Siahkoohi, discussant

2:00-2:30 p.m. Library 204G
"Microbial Growth and Cellular Phones: A Study of Hygiene and Personal Technology"
Ashley Joyner, presenter
Dr. Jason Marion, mentor
Athena Deaton, discussant

3:00-3:30 p.m. Library 204D
"Hook Up Culture and a Tinder Hearted Generation"
J. Makenna Jennings, presenter
Dr. Paul Paolucci, mentor
Jamie King, discussant

3:00-3:30 p.m. Library 204G
"Snake Oil and Coca-Cola"
Mikala McAtee, presenter
Dr. David Coleman, mentor
Connor Smith, discussant

3:30-4:00 p.m. Library 204D
"So, Where Are You From?: An Analysis of the Effects of Intercountry and Transracial Adoption on Identity"
Jamie King, presenter
Professor Kathy Splinter-Watkins, mentor
Katherine Krebs, discussant

3:30-4:00 p.m. Library 204G
"The MPAA and Its Place in Society"
Matthew Crump, presenter
Professor Reggie Beehner, mentor
Mikala McAtee, discussant

4:00-4:30 p.m. Library 204D
"Shattering the Perception of Forensic Science: A Review of the National Academy of Science's Report and its Impact on the Field of Forensic Science"
Katherine Krebs, presenter
Professor Mike Ward, mentor
J. Makenna Jennings, discussant

4:00-4:30 p.m. Library 204G
"Investigation of Chemical Interferences for Muzzle-to-Garment Distance Determination"
David Cunningham, presenter
Dr. David Cunningham, mentor
Matthew Crump, discussant
Graduating Honors Seniors, Their Mentors, Families & Friends are cordially invited to this year’s Honors Scholars Convocation

Thursday, May 14, 2015
Keen Johnson Ballroom
5:30 pm: Reception
6:30 pm: Ceremony

All friends and family are welcome!