10th Annual Scholarship and Creative Arts Days
April 24 & 25
#etownscad17
Welcome to Elizabethtown College’s 10th Annual Scholarship and Creative Arts Days!

Real-world learning is one of the hallmarks of the Elizabethtown College experience. Students who conduct original research, create artistic expressions and discover new perspectives learn more deeply and gain real-world skills. This year, SCAD features some of the most outstanding work of our students from 2016-2017. As a result of their hard work and superb mentoring by faculty advisors, these students are becoming a bigger part of the world—contributing fresh ideas and acquiring experiences that will help them build their careers. We congratulate and recognize our scholars for their outstanding efforts that have culminated with their participation in this prestigious student conference.

We are grateful to the Scholarship and Creative Arts Days committee and the dozens of faculty mentors who have made this scholarly celebration possible. By fostering the College’s commitment to undergraduate research, these members of our community have created this remarkable forum for sharing scholarship and creative thinking.

Carl J. Strikwerda, President
Elizabeth A. Rider, Senior Vice President for Academic Affairs and Dean of Faculty
Monday, April 24, 2017

- 30th Annual Juried Student Art Show—5:00 p.m. Lyet Gallery in Leffler Chapel and Performance Center
- Occupational Therapy Graduate Research Symposium—5:00 p.m. Masters Atrium and Gibble Auditorium in the Master Center
- Showcase Music Recital—7:30 p.m. Musser Auditorium in Leffler Chapel

Tuesday, April 25, 2017

Showcase of Scholarship Presentations
8:00 a.m. to 5:10 p.m.

Presentations, panel discussions, posters, portfolios, exhibits in the lobby and lecture rooms of James B. Hoover Center for Business, Leffler Chapel, Master Center Atrium and lecture rooms, Gibble Auditorium in Masters Center, Winters Alcove in High Library, and Track Infield.

Presentation of Anna Carper Excellence in Library Research Award
11:00 a.m.

Keynote Event:
Alumni’s Reflection on the Value of Research
Keynote Moderator: Dr. Kyle Kopko’05
11:00 a.m. to noon
Musser Auditorium, Leffler Chapel

Solar Car Race
Track Infield
30th Annual Juried Student Art Show

Lyet Gallery at Leffler Chapel and Performance Center

Monday, April 24, 5:00 p.m.

30th Juried Art Show


Mentors: Kristi Arnold
Jeff Bye
Dan Burns
Linda Eberly
Milt Friedly
Jeff Geib
Katherine Hughes

Opening Reception: 30th Annual Student Art Show in Lyet Gallery

April 4, 2017

The opening reception for the 30th Annual Juried Student Art Show took place Thursday, April 4, 2017, in Lyet Gallery. Juror Ann DeLaurentis, a fine artist from Lancaster, Pennsylvania, selected works from multiple categories. Awards sponsored by Gary Segal were announced during the reception. The exhibit runs through Sunday, April 27, 2017.
Photos from Art Show 2016

Scholarship and Creative Arts Days
### Posters

**Esbenshade 373**

<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
<th>Mentor</th>
</tr>
</thead>
<tbody>
<tr>
<td>6:00-7:30PM</td>
<td><em>The BBC Sensory Scales: An Innovative Approach to Measuring Sensory Patterns Among Pediatric Populations</em></td>
<td>Katelyn Guilfoy, B.S., MOTS; Mikayla Kemmerly, B.S., MOTS; Carly Mutter, B.S., MOTS</td>
<td>Nancy Carlson-Steadman, Ph.D., OTR/L</td>
</tr>
<tr>
<td>7:30-9:00PM</td>
<td><em>Discovering the Impact of Sensory Processing Disorder Characteristics on Family Routines</em></td>
<td>Audrey Barrett, B.S., MOTS; Allison Doughton, B.S., MOTS; Rebecca Roth, B.S., MOTS</td>
<td>Nancy Carlson-Steadman, Ph.D., OTR/L</td>
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**Esbenshade 362**

<table>
<thead>
<tr>
<th>Time</th>
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</thead>
<tbody>
<tr>
<td>6:00-7:30PM</td>
<td><em>Exploring an Expert Occupational Therapist’s Clinical Reasoning in Pediatric Trauma/Attachment and Sensory Processing</em></td>
<td>Adriana Bertolino, B.S., MOTS; Shannon Deck, B.S., MOTS; Kathleen Wilkinson, B.S., MOTS</td>
<td>Christine Achenbach, M.Ed., OTR/L</td>
</tr>
<tr>
<td>7:30-9:00PM</td>
<td><em>Beyond Picky Eating: What do Parents Think?</em></td>
<td>Rachel Engelhardt, B.S., MOTS; Markia Johnson, B.S., MOTS; Angela Meyers, B.S., MOTS</td>
<td>Kerri Hample, OTD, OTR/L</td>
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**Esbenshade 360**

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<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
<th>Mentor</th>
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<tbody>
<tr>
<td>6:50-7:15PM</td>
<td><em>Development of Real-Time Motion Capture Technology for Upper Extremity Rehabilitation: A Clinical Perspective</em></td>
<td>Laiken McCleaf, B.S., MOTS; Jenna Nguyen, B.S., MOTS; Dana Robidoux, B.S., MOTS</td>
<td>Daniel Panchik, D.Sc., OTR/L; Kurt DeGoede, Ph.D.</td>
</tr>
<tr>
<td>6:30-8:00PM</td>
<td><em>Effectiveness of Advanced Pneumatic Compression Devices on Lymphedema: A Systematic Review</em></td>
<td>Ashley Cox, B.S., MOTS; Jessica Homberger, B.S., MOTS; Siena Oropollo, B.S., MOTS</td>
<td>Daniel Panchik, D.Sc., OTR/L</td>
</tr>
<tr>
<td>7:30-9:00PM</td>
<td><em>A Needs Assessment of Home Modification Services in Lancaster County</em></td>
<td>Stephanie Antonik, B.S., MOTS; Jacalyn Hikes, B.S., MOTS; Sarah Inglis, B.S., MOTS</td>
<td>Linda Leimbach, Sc.D., OTR/L; Kristin Hall, M.S., OTR/L; Tamera Keiter Humbert, D.Ed., OTR/L</td>
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**Scholarship and Creative Arts Days**

5:00 PM-6:00 PM  
Reception and Keynote  
Masters Atrium and Gibble Auditorium  
6:00 PM-9:00 PM  
Presentations, Posters
<table>
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<tr>
<td>6:00-6:25 PM</td>
<td><strong>Occupation-Based Coaching for Commercial Truck Drivers: A Pilot Study</strong></td>
<td>Esbenshade</td>
<td>Jaime Deisher, B.S., MOTS; Emily Good, B.S., MOTS; Rachel Sassaman, B.S., MOTS</td>
<td>Ann Marie Potter, M.S., OTR/L</td>
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<tr>
<td>6:30-6:55 PM</td>
<td><strong>Developing a Learner-Centered Approach to Interprofessional Education within an Occupational Curriculum</strong></td>
<td>Gibble</td>
<td>Nicole Brackman, B.S., MOTS; Casey Farrell, B.S., MOTS; Jenny Laliberte, B.S., MOTS</td>
<td>Angela Salvadia, Ed.D., OTR/L</td>
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<tr>
<td>7:00-7:25 PM</td>
<td><strong>Occupational Therapists’ Perspectives on Home-Based Interventions Surrounding Obesity: A Pilot Study</strong></td>
<td>Gibble</td>
<td>Molly Hurley, B.S., MOTS; Erin Steingraber, B.S., MOTS; Kayla Zwcharowski, B.S., MOTS</td>
<td>Terri Dennehy, D.Ed., OTR/L</td>
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<td>7:30-7:55 PM</td>
<td><strong>Decision Making in the Occupational Therapy Evaluation Process: A Grounded Theory Study</strong></td>
<td>Gibble</td>
<td>Adelyn Enders, B.S., MOTS; Elise Starkey, B.S., MOTS; Megan Ziff, B.S., MOTS</td>
<td>Judy B. Ericksen, Ph.D., OTR/L</td>
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<tr>
<td>8:00-8:25 PM</td>
<td><strong>Psychosocial Demands of Caregiving for Individuals with Parkinson’s Disease: Occupational Therapy’s Role</strong></td>
<td>Gibble</td>
<td>Nicole Corcoran, B.S., MOTS; Megan Farrell, B.S., MOTS; Sara Fronheiser, B.S., MOTS</td>
<td>Terri Dennehy, D.Ed., OTR/L</td>
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<td>8:30-8:55 PM</td>
<td><strong>Interoception: Implementing an Interoception Protocol with Children with Autism Spectrum Disorder</strong></td>
<td>Gibble</td>
<td>Adam Amspacher, B.S., MOTS; Elisabeth Niehaus, B.S., MOTS; Alyssa Rea, B.S., MOTS</td>
<td>Kerri Hample, OTD, OTR/L; Kelly Mahler, M.S., OTR/L</td>
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<td><strong>Occupation-Based Coaching for Commercial Truck Drivers: A Pilot Study</strong></td>
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</table>
Monday, April 24th, 7:30 p.m.  Leffler Chapel

Aire of the Falconer

Catherine McMichael (b. 1954)

Flute-Tastic Four

Michaiah Hook, Emily Perry, Laura Slaybagh, Sam Fellner

“Sehnsucht”

Fanny Mendelssohn Hensel (1805-1847)

Celia Grove, soprano
Dr. Justin Badgerow, piano

Pastorale No. 22 in F Major, BWV 590

J. S. Bach (1685-1750)

Justin Pechulis, organ

Sonata No. 4, op. 29

Sergei Prokofiev (1891-1953)

II. Andante assai

Drei Gladkowski, piano

Piano Trio No. 2, op. 26

Antonin Dvořák (1841-1904)

II. Largo

Moutarde au Miel Trio

Jennifer Noyd, cello; Julie Pham, violin; Steven Roldan, piano

Sonnets or monologues by William Shakespeare, performed by:

Katherine Campbell
Emily Leister
Amber Mangabat
Lizzie Miller
Tyler Rossi
Capriccio No. 2  
Felix Mendelssohn, arr. Lang (1809-1847)

Etown Clarinet Quartet  
Delaney Klepper, Prof. Faith Shiffer, Samantha Fellner, Tamantha Drexel

Symphonie Espagnol in D Minor, op. 21 Edouard Lalo (1823-1892)  
IV. Andante

Emily Derstine, violin  
Justin Pechulis, piano

“Pa…pa…pa…”  
Wolfgang Amadeus Mozart (1756-1791)  
from *Die Zauberflöte*

Alyssa Schott, soprano  
A.J. Gaudreau, baritone  
Dr. Justin Badgerow, piano

Faculty mentors: Dr. Justin Badgerow, Anthony Ciucci, Dr. Anne Gross, Stephanie McCullough, Dr. Paula Nelson, Debra Ronning, Faith Shiffer, Dr. Michael Swanson

Please refrain from texting, computer usage, or flash and video photography during this performance.
Tuesday, April 25, 2017
Showcase of Scholarship Presentations

Presentations, panel discussions, posters, portfolios, exhibits: Hoover Lobby and lecture rooms, Leffler Chapel, Masters Atrium, Gibble Auditorium in Masters Center, Winters Alcove in High Library, Track Infield.

Session I 8:00 a.m. to 9:20 a.m.
- Honors in Education Symposium Session 1
- Social Work Honors Presentations
- Occupational Therapy
- Business
- Interfaith Leadership Studies and Religious Studies
- Sociology and Anthropology
- Biology-Honors in the Discipline
- Political Science Research Methods Survey Results
- Psychology
- Communications
- Chemistry
- History

Session II 9:30 a.m. to 10:50 a.m.
- Honors in Education Symposium Session 2
- Social Work—Honors in the Discipline
- Engineering
- Business—Investment Climate in International Business
- Religious Studies
- Biology
- Mathematics
- Music Therapy
- Applied Business Research
- Politics, Philosophy and Legal Studies Panel 1
- Realization and Signification: Music, Gender, Religion and Culture

Keynote Event: Alumni Discussion Panel
11:00 a.m to 12:00 p.m.
Musser Auditorium, Leffler Chapel
Lunch Break 12:00 p.m. to 1:00 p.m.
Solar-Powered Electric Racers, Track Infield

Session III 1:00 p.m. to 3:00 p.m.
• Honors in Education Symposium Session 3
• Communications
• Family History in a Multicultural America
• Animation 211
• Sociology and Anthropology
• HOPES Initiative Think Tank
• Modern Languages—Japanese Senior Theses
• French Business, Biodiversity and Culture
• Politics, Philosophy and Legal Studies Panel 2
• Politics, Philosophy and Legal Studies Panel 3
• Cultural Readings of American Short Stories: Murder, Magical Realism, and the Vietnam War
• Music Therapy Research
• Occupational Therapy
• Psychology
• Honors
• Brontes and Vampires

Session IV 3:10 p.m. to 5:10 p.m.
• Honors in Education Symposium Session 4
• Mathematical Sciences
• History of SCAD: 2007-2017
• Computer Science
• English
• Sociology and Anthropology
• Modern Languages—German Language and Literature
• Music Therapy Research
• Music
• Engineering
• Call to Lead
Lydia Dearie graduated from Elizabethtown College in May 2016. She earned a bachelor’s degree in business administration with a management concentration and completed a minor in history. She is working through AmeriCorps as a Literacy Lab Pre-K tutor at Curtis Bay Elementary in Baltimore, Maryland. In fall 2017, Dearie will be the lead teacher of a primary level classroom at Ava Wanas Montessori in Carroll County, Maryland. While at Elizabethtown, Dearie participated in soccer, track and cross country and worked for the History Department, Business Department, Social Enterprise Institute and Learning Services.

Mila Henry is a New York-based pianist and music director who specializes in music theater projects. Lauded for her “sublime” playing (Feast of Music) and heralding orchestral scores of “incredible range and color” (OperaPulse), Henry is an integral member of the contemporary opera community, frequently collaborating with producers Beth Morrison Projects, HERE and their PROTOTYPE festival, as well as American Opera Projects, American Lyric Theater and OPERA America. Her versatility ranges from assisting on productions at Lincoln Center and the Brooklyn Academy of Music to performing at the Isabella Stewart Gardner Museum and the Library of Congress. She earned her bachelor’s degree in music from Elizabethtown in 2006 and her master’s degree in music -- accompanying from the Manhattan School of Music in 2008. www.milahenry.com.

Sarah Lanphier, founder and CEO of Nuts About Granola, graduated in 2009 with a bachelor’s degree in business administration with a concentration in entrepreneurship from Elizabethtown College. She founded Nuts About Granola in conjunction with her business classes. Nuts About Granola-branded products have been featured on the Rachael Ray Show, in Emmy Awards gift bags, in Better Homes and Gardens and, most recently, she has partnered with the Martha Stewart Café to produce an exclusive line for their stores. Crafted, Nuts About Granola’s manufacturing and development division, works with companies ranging from startups to billion dollar corporations to develop, test and launch new innovative concepts into the marketplace.

Amita Mehta is vice president of administration at Prudential Financial. She serves in a dual capacity as senior program manager and executive advisor to the U.S. Service Council. As senior program manager, she supports the chief operating officer in defining and managing a wide array of initiatives for the Individual Life Insurance Service & Operations organization. As executive advisor to the U.S. Service Council, Mehta’s role is critical in employing a single lens onto overarching U.S. business priorities to shape service and operations strategy.

Jennifer Stanford is a 1999 graduate from Elizabethtown College, where she majored in biology and engaged in undergraduate research under the mentorship of Jane Cavender. Following her time at E-town, Stanford earned her doctorate at Harvard University, where she studied cell cycle regulation using Xenopus as a model system in the lab of Joan Ruderman. Currently, Stanford is an assistant professor of biology and co-director of the Center for the Advancement of STEM Teaching and Learning Excellence at Drexel University. Her research is focused on evaluating and improving approaches to teach STEM content in higher education environments to promote student learning, engagement in STEM courses and STEM student retention. Her current work focuses on evaluating approaches to increase student access to undergraduate research opportunities, incorporating evidence-based thinking into diverse learning environments and developing practical training opportunities to support STEM student professional development.
Alumni’s Reflections on the Values of Research

Marking the 10th anniversary of Scholarship and Creative Arts Days (SCAD) -- and for the first time in SCAD history – the SCAD committee is pleased to announce that five alumni are coming back to Elizabethtown College, a place they once called home, to share their experiences and success stories with fellow Blue Jays. The five panelists, with diverse backgrounds were nominated by faculty and staff members and SCAD committee members based on their significant accomplishments in the areas of entrepreneurship, graduate studies, interdisciplinary service and private-sector institutions. Moderated by Kyle Kopko, assistant dean for academic achievement and engagement, the Keynote Panel will center on how the experience of engaging in supervised undergraduate research and creative work, allowed our alumni to foster professional growth for future scholarly engagement, professional career and/or graduate education. During an Q&A, the panel will shed light on what it takes to succeed in their discipline or what is entailed in doing research in their field. Please join this historical SCAD keynote event to learn and be inspired by a series of insightful discussions!

Keynote Event

Leffler Chapel, 11:00 a.m.

### Honors in Education Symposium
#### Poster

**Session I 8:00 AM-9:30 AM**

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<thead>
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<tbody>
<tr>
<td>8:00 AM</td>
<td>Junior Honors Candidates</td>
<td>Miranda Clash, Gillian Englebrecht, Jennifer Lloyd, Cody Miller, Emily Nolte, Kendra Strickler</td>
<td>Dr. H. Elizabeth, Coyle</td>
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**Panel Moderator(s):** Dr. Rachel Finley-Bowman

### Social Work HID presentations

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<tbody>
<tr>
<td>8:00 AM</td>
<td>Coping with Anxiety and Depression: Does Attending a Support Group Help Patients and Caregivers Cope with a Cancer Diagnosis?</td>
<td>Casey Heinbaugh</td>
<td>Dr. Susan Mapp</td>
</tr>
<tr>
<td>8:40 AM</td>
<td>Redefining Justice: Restorative Practices Within the Lancaster Mennonite School District</td>
<td>Zoie Martin</td>
<td>Dr. Susan Mapp</td>
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**Panel Moderator(s):** Susan Mapp

### Occupational Therapy Paper Presentations

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<tr>
<td>8:00 AM</td>
<td>The Role of Occupational Therapy in Developing and Implementing Christian Church Ministries for Adults and Children with Intellectual/Developmental Disabilities</td>
<td>Rachel Brubaker</td>
<td>Ms. Deborah Waltermire-Burton</td>
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### Business Paper Presentations

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<tr>
<td>8:00 AM</td>
<td>The Relationship Between Index Futures and Stock Market’s Performance</td>
<td>Tram Le</td>
<td>Dr. Emma Neuhauser</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Impact Investing as a Way to Solve Social Problems</td>
<td>Madison McCall</td>
<td>Dr. Hossein Varamini</td>
</tr>
<tr>
<td>8:40 AM</td>
<td>Rechorded: Creating an Interactive, Crowdsourced Song Database</td>
<td>Tyler Latshaw</td>
<td>Dr. Kristen Waughen</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>A Small Hair Salon Gets a Technological Makeover</td>
<td>Dakota Findley</td>
<td>Dr. Kristen Waughen</td>
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### Interfaith Leadership Studies and Religious Studies

**Panel Moderator(s):** Dr. Michael Long

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<tr>
<td>8:00 AM</td>
<td>International Interfaith Education</td>
<td>Luke Mackey</td>
<td>The Rev. Tracy Sadd</td>
<td>20</td>
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<tr>
<td>8:20 AM</td>
<td>Immigration and Interfaith on the Ground</td>
<td>Pareesa Zaman</td>
<td>The Rev. Tracy Sadd</td>
<td>21</td>
</tr>
<tr>
<td>9:00 AM</td>
<td>Interpretations of Zion in Deutero-Isaiah</td>
<td>Morgan Smith</td>
<td>Dr. Christina Bucher</td>
<td>22</td>
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### Biology Panel

**Panel Moderator(s):** Dr. Jodi Yorty

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<tr>
<td>8:00 AM</td>
<td>The Effect of Oncogene Expression on CBR2 Agonist Treatment of Cells in Culture</td>
<td>Anushka Katikaneni, Kyle Brodeur</td>
<td>Dr. Jane Cavender</td>
<td>26</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Investigating the Connection Between Apoptosis and the Corticosterone-Induced Loss of Splenic Dendritic Cells in Mice</td>
<td>Morgan Chambers</td>
<td>Dr. Jodi Yorty</td>
<td>27</td>
</tr>
<tr>
<td>8:40 AM</td>
<td>Inquiry Based Activities for Teaching About Invasive Species in Grades Seven and Eight</td>
<td>Carly Egberts</td>
<td>Dr. Anya Goldina, Ms Wendy Martin</td>
<td>28</td>
</tr>
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### Biology - Honors in Discipline

**Panel Moderator(s):** Dr. Jodi Yorty

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<tr>
<td>8:00 AM</td>
<td>Research Methods Student Survey Results: Political Psychology, Tolerance, and Ideology</td>
<td>John Koons, Chris Jordan, Shannon Maquire, Brendan Bevel, Kyle Shaeffer</td>
<td>Dr. April Kelly-Woessner</td>
<td>32</td>
</tr>
<tr>
<td>8:20 AM</td>
<td>Research Methods Student Survey Results: The Trump Effect</td>
<td>Jamie Lees, Kyle Robinson, Jovanni Diaz</td>
<td>Dr. April Kelly-Woessner</td>
<td>33</td>
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<tr>
<td>8:40 AM</td>
<td>Research Methods Student Survey Results: The College Student Experience</td>
<td>Marc Unger, Stinar Braden, Ashley Shellenberger</td>
<td>Dr. April Kelly-Woessner</td>
<td>34</td>
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<tr>
<td>9:00 AM</td>
<td>Research Methods Student Survey Results: Public Opinion And Misc.</td>
<td>Amanda Hafler, Cameron Dorr, Paige Oustrich, Catherine Canfield, Jagger McFarland, Kayla Gruber</td>
<td>Dr. April Kelly-Woessner</td>
<td>35</td>
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### Young Center for Anabaptist and Pietist Studies Paper Presentation

**Panel Moderator(s):** Dr. Steven Nolt

<table>
<thead>
<tr>
<th>Time</th>
<th>Session Title</th>
<th>Presenter</th>
<th>Mentor</th>
<th>Number</th>
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</thead>
<tbody>
<tr>
<td>8:40 AM</td>
<td>Educating For Service: The Church of the Brethren and Nigerian Politics, 1950s-1960s</td>
<td>Emily Wieder</td>
<td>Dr. Steven Nolt</td>
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<tr>
<td>Time</td>
<td>Event</td>
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<td>Mentor(s)</td>
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<tr>
<td>9:00 AM</td>
<td><strong>Paper Presentation</strong></td>
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<tr>
<td></td>
<td>What Future Teachers Don't Know About the Inner City</td>
<td>H-215</td>
<td>Angela Wesneski, Katey Mowery</td>
<td>Mentor: Dr. Carroll Tyminski</td>
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<td></td>
<td><strong>Chemistry and Biochemistry Posters</strong></td>
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<tr>
<td>8:00 AM</td>
<td>DFT Calculations on Alanine - An Assessment on Methods</td>
<td></td>
<td>Ryan Thomas</td>
<td>Mentor: Dr. Gary Hoffman</td>
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<tr>
<td>8:00 AM</td>
<td>Synthesis of (2E,4E)-N-isobutylidodeca-2,4-dienamide, an Alkamide</td>
<td></td>
<td>Alexandra Plowman</td>
<td>Mentor: Dr. James MacKay</td>
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<tr>
<td>8:00 AM</td>
<td>Design and Synthesis of A 2,5-Disubstituted Oxazole Nucleobase for Triplex Formation with Watson-Crick A-U Base Pairs in Double Stranded RNA</td>
<td></td>
<td>Holly Sofka</td>
<td>Mentor: Dr. James MacKay</td>
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<tr>
<td>8:00 AM</td>
<td>Design of Novel Nucleobases Sequence Selective Recognition of the C-G Base Pair in DsRNA</td>
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<td>Brian Lupold</td>
<td>Mentor: Dr. James MacKay</td>
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<tr>
<td>8:00 AM</td>
<td>Synthesis and Characterization of Dapoxyl Sulfonic Acid Analogues for Use in Aqueous Phase Luminescence Sensing</td>
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<td>Christopher Ryan</td>
<td>Mentors: Dr. James MacKay, Dr. Kristi Kneas</td>
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<tr>
<td>8:00 AM</td>
<td><strong>Sociology and Anthropology Posters</strong></td>
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<tr>
<td>8:00 AM</td>
<td>#Trending: A Content Analysis of Trending Hashtags on Twitter by Urbanicity</td>
<td></td>
<td>Ashley Hullihan, Breanne Bentz</td>
<td>Mentor: Dr. Michele Lee Kozimor-King</td>
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<tr>
<td>8:00 AM</td>
<td>The Effects of Social Connectedness and Altruism on General Happiness</td>
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<td>Anh Bui</td>
<td>Mentor: Dr. Michele Lee Kozimor-King</td>
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<tr>
<td>8:00 AM</td>
<td><strong>Communications Posters</strong></td>
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<td>8:00 AM</td>
<td>What’s in a Name? The Gap Between Student and Professional Interpretations of Common Communication Terminology</td>
<td></td>
<td>Abbie Erickson, Jake Deacon</td>
<td>Mentor: Dr. Tamara Gillis</td>
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<tr>
<td>8:00 AM</td>
<td>Case Study of Early Childhood Trauma: Music Therapy Strategies That Promote Child Regulation</td>
<td>Bethany Wentling</td>
<td>Dr. Gene Behrens</td>
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<tr>
<td>8:00 AM</td>
<td>Differences in Identifying Accuracy of Emotions When Performed on Definite Versus Indefinite-Pitched Instruments</td>
<td>Cody Thompson, Madison Button, Ashley Doron, Sarah McCollum, Zoe Robinson, Bethany Wentling</td>
<td>Dr. Gene Behrens</td>
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<tr>
<td>8:00 AM</td>
<td>Relationships Between Personality Traits and Choice of Rhythm Instruments for College-Aged Students</td>
<td>Jennifer Messner, Andrei Gladkowski, Lydia Anthony, Alyssa Schott, Samantha Wasson</td>
<td>Dr. Gene Behrens</td>
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<tr>
<td>8:00 AM</td>
<td>Status of Music Therapists’ Involvement in Medical Research</td>
<td>Andrei Gladkowski</td>
<td>Dr. Gene Behrens</td>
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<tr>
<td>8:00 AM</td>
<td>Survey of Early Music Programs for Children with Down Syndrome: Status and Benefits</td>
<td>Ashley Doron</td>
<td>Dr. Gene Behrens</td>
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</tbody>
</table>

2016 Anna Carper Award
# Session II 9:30 AM-10:50 AM

## Education

### Honors in Education Symposium

**Paper Presentation**

**N-106**  
**Panel Moderator(s): Dr. Rachel Finley-Bowman**

**9:30 AM**  
**Ancient Athenian Education in Modern Social Studies Curriculum**  
**Presenter:** Kayla Robinson  
**Mentor:** Dr. Rachel Finley-Bowman  
**# 101**

**Honors in Education Symposium – Senior Honors Candidates Thesis Presentations**

**Paper Presentation**

**N-106**  
**Panel Moderator(s): Dr. Rachel Finley-Bowman**

**10:10 AM**  
**From Paper to Practice: An Analysis of the Political and Cultural Development of Italian Inclusive Education**  
**Presenter:** Sarah Fuller  
**Mentor:** Dr. Elizabeth Coyle  
**# 102**

## Social Work

### Social Work HID presentations

**Panel Moderator(s): Dr. Susan Mapp**

**9:30 AM**  
**An Analysis Of Housing First-Informed Policy: The HEARTH Act**  
**Presenter:** Kendra Smith  
**Mentor:** Dr. Susan Mapp  
**# 106**

**10:10 AM**  
**The Disparity Of Hispanic And African American Families in Lancaster County Children and Youth Agency**  
**Presenter:** Katelyn Trupe  
**Mentor:** Dr. Susan Mapp  
**# 107**

## Interdisciplinary

### HOPES Initiative Think Tank

**Paper Presentation**

**H-114**  
**Panel Moderator(s): Dr. Hossein Varamini**

**1:40 PM**  
**Hopes Initiative Think Tank**  
**Presenters:** Zoe Robinson, Rita Eisner, Brenna McNamee, Maddie Rutherford, Allie Vaccaro  
**Mentors:** Dr. Peggy McFarland, Dr. Judy Ericksen  
**# 113**

## Business

### Investment Climate in International Business

**Panel Moderator(s): Dr. Hossein Varamini**

**9:30 AM**  
**Foreign Investment in Steel And Metal Processing Industry in Bosnia-Herzegovina**  
**Presenter:** Catherine Hughes  
**Mentor:** Dr. Hossein Varamini  
**# 116**

**9:50 AM**  
**Software Development in Argentina: A Look at a Growing Industry**  
**Presenter:** Dylan Warner  
**Mentor:** Dr. Hossein Varamini  
**# 117**

**10:10 AM**  
**The Investment Climate of The Auto Manufacturing Industry in Mexico**  
**Presenter:** Natalie Nye  
**Mentor:** Dr. Hossein Varamini  
**# 118**

**10:30 AM**  
**The Investment Climate of the Diamond Mining Industry in the Democratic Republic of the Congo**  
**Presenter:** Rachel Craft  
**Mentor:** Dr. Hossein Varamini  
**# 119**

## Religious Studies

### Religious Studies Panel

**Panel Moderator(s): Dr. Michael Long**

**9:30 AM**  
**Can Rich Christians and Poor Christians Be Equally Blessed and Happy? Turning to the Lukan Beatitudes to Understand Happiness**  
**Presenter:** Morgan King  
**Mentor:** Dr. Christina Bucher  
**# 120**

**9:50 AM**  
**King and the Klan: Protestant America in the Mid-20th Century**  
**Presenter:** Payton Wagmeister  
**Mentor:** Dr. Richard Newton  
**# 121**

**10:10 AM**  
**Reevaluating Race and Religious Heritage at Elizabethtown College**  
**Presenter:** Amanda Robbins  
**Mentor:** Dr. Christina Bucher  
**# 122**
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Panel Moderator(s)</th>
<th>Presenters</th>
<th>Mentor</th>
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</thead>
<tbody>
<tr>
<td>9:30 AM</td>
<td>Motivitality Systems and the Targeted Neurostimulation Device:</td>
<td>Dr. Neuhauser and Dr. Sandu</td>
<td>Kevin Gorenberg, Seth Decker</td>
<td>Dr. Petru Sandu</td>
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<tr>
<td>9:50 AM</td>
<td>Student Entrepreneurs: Founding a Startup as Full-Time Students</td>
<td></td>
<td>Michael Twist, Tyler Butkus, Max Mahan, Nick Callahan</td>
<td>Dr. Petru Sandu</td>
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<tr>
<td>10:10 AM</td>
<td>CFA Research Challenge – A Sell Recommendation on Axalta Coating</td>
<td></td>
<td>Hellesen Joachim, Jessica Rinaldi, Nathadon Suksiritaran, Kevin Tacchino, Anders Nilsson</td>
<td>Dr. Emma Neuhauser</td>
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<tr>
<td>10:30 AM</td>
<td>Comprehensive Analysis of Digital Optic Modulation Circuits for the Application of Fiber Optically Tethered Unmanned Aerial Vehicles</td>
<td></td>
<td>Brandon Diaz</td>
<td>Dr. Tomás Estrada</td>
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<tr>
<td>9:30 AM</td>
<td>Financial Exploitation of the Elderly: A Comparison of State Laws and a Proposed Standard</td>
<td>Dr. April Kelly-Woessner</td>
<td>Tiana Ferrante</td>
<td>Dr. Kyle Kopko</td>
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<tr>
<td>9:50 AM</td>
<td>History and Development of Herbert Marcuse’s Aesthetics</td>
<td></td>
<td>Eric Sevareid</td>
<td>Dr. Gabriel Ricci</td>
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<tr>
<td>10:10 AM</td>
<td>Personal Identity and Self In Everett’s Emergent Multiverse</td>
<td></td>
<td>Andrew Kile</td>
<td>Dr. Michael Silberstein</td>
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<tr>
<td>9:30 AM</td>
<td>Sikhism: Musical Realization of the Granth Sahib</td>
<td>Dr. Kevin Shorner-Johnson</td>
<td>Amanda Pawlewicz</td>
<td>Dr. Kevin Shorner-Johnson</td>
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<tr>
<td>9:50 AM</td>
<td>Chinese Pipa as a Cultural Tool</td>
<td></td>
<td>Ryan Sagedy</td>
<td>Dr. Kevin Shorner-Johnson</td>
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<tr>
<td>10:10 AM</td>
<td>Visual-Kei as Gender Identity Realization: Influences of Kabuki Theater, Geisha Culture, and Otaku Culture</td>
<td></td>
<td>Sarah McCollum</td>
<td>Dr. Kevin Shorner-Johnson</td>
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<tr>
<td>10:30 AM</td>
<td>Flamenco Development and Role in Andalucian Culture</td>
<td></td>
<td>Andrei Gladkowski</td>
<td>Dr. Kevin Shorner-Johnson</td>
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<tr>
<td>9:30 AM</td>
<td>Individual Recognition in the Crayfish Genus Orconectes</td>
<td>Dr. Anya Goldina</td>
<td>Miriam Balasundram</td>
<td>Dr. Anya Goldina</td>
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<td>9:30 AM</td>
<td>Using a Controlled Water-Flow Enclosure System to Assess Ability of Orconectes Rusticus to Discriminate Between Different Chemical Cues</td>
<td></td>
<td>Jakob Stonecipher, Marquise Henry</td>
<td>Dr. Anya Goldina</td>
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<tr>
<td>9:30 AM</td>
<td>Comparing the Oral Microbiome of the Amish and Non-Amish Communities</td>
<td></td>
<td>Esther Rei</td>
<td>Dr. Debra Wohl</td>
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<tr>
<td>Time</td>
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<tr>
<td>9:30 AM</td>
<td>Do Genetics, Environment, and Lifestyle All Affect the Oral Microbiome? A Comparative Study of the Oral Microbiome Between Amish, Non-Amish, and Twins.</td>
<td>Brittany Custer</td>
<td>Dr. Debra Wohl</td>
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<tr>
<td>9:30 AM</td>
<td>Converting Conventional Microscopes to Fluorescence Microscopes</td>
<td>Robert Wilcox, Austin Reth</td>
<td>Dr. Diane Bridge, Dr. Sara Atwood</td>
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<tr>
<td>9:30 AM</td>
<td>Developing a Protocol for CRISPR/Cas9 Gene Editing in Hydra</td>
<td>Brady Morgan</td>
<td>Dr. Diane Bridge</td>
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<tr>
<td>9:30 AM</td>
<td>Sequence-Based Analyses of The Evolutionary History of Hydra Small Heat Shock Proteins</td>
<td>Colin Todd</td>
<td>Dr. Diane Bridge</td>
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<tr>
<td>9:30 AM</td>
<td>Investigating the Effects of Anti-CD40 Treatment on Fas Ligand-Induced Apoptosis in Dendritic Cells</td>
<td>Eric Zimmerman</td>
<td>Dr. Jodi Yorty</td>
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<td>9:30 AM</td>
<td>Utilizing an Immunofluorescence Assay to Assess Whether Corticosterone Induces Apoptosis of Dendritic Cells</td>
<td>Kendra Ormsbee</td>
<td>Dr. Jodi Yorty</td>
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<tr>
<td>9:30 AM</td>
<td>Impact of Glyphosate on Crassostrea Virginica Growth</td>
<td>Sarah Roesner</td>
<td>Dr. Thomas Murray</td>
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<tr>
<td>9:30 AM</td>
<td>Mathematical Model for Autonomous Path Following Vehicle</td>
<td>Gonzalo Miguez Dominguez</td>
<td>Dr. Timothy McDevitt, Dr. Tomás Estrada</td>
<td></td>
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<tr>
<td>12:00 AM</td>
<td>First-Year Engineering Student Solar-Powered Car Race</td>
<td>Daniel Buttorff, Clay Buxton, Dallas Fleck, Christopher Voltz, Andrew Brndjar, Kevin Carman, Chris Carr, Connor Martin, Brandon Huey, Grant Michal, Kyle Pienik, Ryan Rippeon, Brendan Burke, Lacie Flores, Robert Pavlik, Kyla Strickler, Justin Cherry, Alberto Miguez Dominguez, Kyle Praseut, Steven Sacks, Will Connolly IV, Conor Csongradi, Kendall Sargent,Elle Shatto, Lianne Uroda, Jordan Bartow, Madison Burnham, Lauren Cugliotta, Miguel Gonzalez Fernandez, Nicholas Miller, Damon Edwards, Henry Golden, Audrey ShultzTravis Wilson, Olivia Beachley,Baizhong Jin, Anna Novak, Annie Novy, Joseph Rue, Thomas Anthony Giorgi, Ben Hiltebeitel, Lousheng Moua, Dan Patterson, Scott Neary, Curtis Reynolds, Michael Ryzuk, Tyler Spinello</td>
<td>Dr. Kurt DeGoede, Dr. Brenda L Daily</td>
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### Session III 1:00 PM-3:00 PM

#### Honors in Education Symposium

**Senior Honors Candidates Thesis Presentations**

**Panel Moderator(s): Dr. Rachel Finley-Bowman**

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<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:00 PM</td>
<td>Accommodations Provided for Student with IEPs in Elementary Physical Education Classes</td>
<td>Allison McLamb</td>
<td>Dr. Shannon Haley-Mize</td>
</tr>
<tr>
<td>1:40 PM</td>
<td>Differentiating Instruction for English Language Learners with Specific Learning Disabilities</td>
<td>Ashlee Punte</td>
<td>Dr. Shannon Haley-Mize</td>
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#### Communications

**Panel Moderator(s): Dr. Rachel Finley-Bowman**

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<tbody>
<tr>
<td>1:00 PM</td>
<td>Women's Rights in Saudi Arabia: The Media as a Driving Force</td>
<td>Paige Williams</td>
<td>Dr. Colin Helb</td>
</tr>
<tr>
<td>1:20 PM</td>
<td>Work-Life Balance in Media Newsrooms</td>
<td>Irene Snyder</td>
<td>Mentors: Dr. Kirsten Johnson, Dr. Michele Lee Kozimor-King</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>From Pre-Colonialism to Present Day: My German Roots in Lancaster County</td>
<td>Megan Kane</td>
<td>Dr. John Rohrkemper</td>
</tr>
<tr>
<td>2:20 PM</td>
<td>Connecting the Dots: An African-American Story</td>
<td>Regan Barlow</td>
<td>Dr. John Rohrkemper</td>
</tr>
<tr>
<td>2:40 PM</td>
<td>How China's One-Child Policy Brought Me to America: The Tale of a Fortunate Cookie</td>
<td>Kelsey Brady</td>
<td>Dr. John Rohrkemper</td>
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#### Family History in a Multicultural America

**Panel Moderator(s): Dr. John Rohrkemper**

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#### Fine Arts

**Panel Moderator(s): Dr. Rachel Finley-Bowman**

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<tbody>
<tr>
<td>1:00 PM</td>
<td>Hand Drawn Animation Project, Art 370</td>
<td>Conrad Bourdeau, Kristina Worobey</td>
<td>Dr. Kristi Arnold</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Empowering Vulnerable Populations Through the Paul M. Grubb Peace Award</td>
<td>Sarah Fuller</td>
<td>Dr. David Kenley</td>
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#### History

**Panel Moderator(s): Dr. Tara Moore**

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<tr>
<td>1:00 PM</td>
<td>Immigration in George Saunders's “The Semplica Girl Diaries”</td>
<td>Angela Wesneski</td>
<td>Dr. Tara Moore</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Empowering Vulnerable Populations Through the Paul M. Grubb Peace Award</td>
<td>Sarah Fuller</td>
<td>Dr. David Kenley</td>
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</table>
### Cultural Readings of American Short Stories: Murder, Magical Realism, and the Vietnam War

**Panel Moderator(s): Dr. Tara Moore**

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<tr>
<td>1:20 PM</td>
<td>&quot;On the Rainy River’ And The Dilemmas of the Vietnam Experience.&quot;</td>
<td>Sean McCubbin, Mentor: Dr. Tara Moore</td>
</tr>
<tr>
<td>1:40 PM</td>
<td>Where is the Magic, Where is Reality?: An Analysis of Magical Realism in “Where Are You Going, Where Have You Been?”</td>
<td>Rebecca Easton, Mentor: Dr. Tara Moore</td>
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### Brontës and Vampires

**Panel Moderator(s): Dr. Kimberly VanEsveld Adams**

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<tr>
<td>2:00 PM</td>
<td>&quot;We Claw Into the Stars Like the Sky Is The Garden Of Eden”</td>
<td>Colleen Wells, Mentor: Dr. Kimberly Adams</td>
</tr>
<tr>
<td>2:30 PM</td>
<td>Classic And Contemporary Vampires</td>
<td>Katherine Campbell, Mentor: Dr. Kimberly Adams</td>
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### Sociology and Anthropology Paper Presentations

**Panel Moderator(s): Dr. Michele Lee Kozimor-King**

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<tbody>
<tr>
<td>1:00 PM</td>
<td>Another Piece Of The Puzzle: A Content Analysis Of Social Media</td>
<td>Erin Mowery, Rebecca Slack, Mentor: Dr. Michele Lee Kozimor-King</td>
</tr>
<tr>
<td>1:20 PM</td>
<td>I Got My Kids On My Money And My Money On My Kids: The Effects Of Socioeconomic Status And Age Of Parental Values</td>
<td>Alyssa Vielee, Mentor: Dr. Michele Lee Kozimor-King</td>
</tr>
<tr>
<td>1:40 PM</td>
<td>Is This Land Made For You And Me? The Effects Of Political Ideology And Age On Views Of Immigrants</td>
<td>Courtney Shaffer, Mentor: Dr. Michele Lee Kozimor-King</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>U-S-A! U-S-A! U-S-A! The Effects Of Sex And Media Consumption On Sports-Related National Pride</td>
<td>Daniel Gittis, Mentor: Dr. Michele Lee Kozimor-King</td>
</tr>
<tr>
<td>2:20 PM</td>
<td>Peace-Ing It All Together: Examining The Satisfaction Of MPI Foundation Inc.© Alumni Peace</td>
<td>Anh Bui, Cody Aspril, Daniel Gittis, Ashley Hullihan, Elizabeth Kauffman, Olivia LoGiurato, Amanda Robbins, Mentor: Dr. Michele Lee Kozimor-King</td>
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### French Business, Biodiversity and Culture

**Panel Moderator(s): Dr. Vanessa Borilot**

<table>
<thead>
<tr>
<th>Time</th>
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<tbody>
<tr>
<td>1:00 PM</td>
<td>Thinking Outside The EU: How Can France Regain Its Economic Influence?</td>
<td>Aimee Cutri, Mentor: Dr. Vanessa Borilot</td>
</tr>
<tr>
<td>1:20 PM</td>
<td>The Calanques National Park: Obstacles In The Race To Preserve Provence</td>
<td>Emily Lawrence, Mentor: Dr. Vanessa Borilot</td>
</tr>
<tr>
<td>1:40 PM</td>
<td>From Lavender Fields To Corn Fields: The Adventure Of Rouge De Colère</td>
<td>Megan Tindell, Mentor: Dr. Vanessa Borilot</td>
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## Modern Languages

**PPLS Panel #2**

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<tr>
<td>1:00 PM</td>
<td>A Comparative Analysis Of Counterterrorism In Western Europe: The Madrid, London, Paris And Brussels Attacks</td>
<td>Emily West</td>
<td>Dr. Oya Ozkanca, Dr. E. Fletcher McClellan</td>
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<td>1:20 PM</td>
<td>Brexit: How Did This Happen?</td>
<td>Andrew Lesko</td>
<td>Dr. Oya Ozkanca, Dr. E. Fletcher McClellan</td>
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<td>1:40 PM</td>
<td>An Analysis Of The Criticisms Of The World-Systems Theory</td>
<td>Eric Sevareid</td>
<td>Dr. Oya Ozkanca, Dr. Michele Lee Kozimor-King</td>
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**PPLS Panel #3**

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<td>2:00 PM</td>
<td>An Analysis Of Hate And Hate Groups In The United States</td>
<td>Matthew Rucci</td>
<td>Dr. E. Fletcher McClellan, Dr. April Kelly-Woessner</td>
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<td>2:20 PM</td>
<td>The Party Didn't Decide: How Party Division And A Rise In Voter Activism Produced Trump's Victory In The 2016 Republican Primaries</td>
<td>Brianna Wenger</td>
<td>Dr. E. Fletcher McClellan</td>
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<td>2:20 PM</td>
<td>The Rise of Populism in Modern Politics</td>
<td>Brendan Rawa</td>
<td>Dr. E. Fletcher McClellan</td>
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## Fine and Performing Arts

**Case Study Of Early Childhood Trauma: Music Therapy Strategies That Promote Child Regulation**

- Presenter: Bethany Wentling
- Mentor: Dr. Gene Behrens

**Differences In Identifying Accuracy Of Emotions When Performed On Definite Versus Indefinite-Pitched Instruments**

- Presenters: Cody Thompson, Madison Button, Ashley Doron, Sarah McCollum, Zoe Robinson, Bethany Wentling
- Mentor: Dr. Gene Behrens

**Relationships Between Personality Traits And Choice Of Rhythm Instruments For College-Aged Students**

- Presenters: Jennifer Messner, Andrei Gladkowski, Lydia Anthony, Alyssa Schott, Samantha Wasson
- Mentor: Dr. Gene Behrens

## Occupational Therapy Posters

**A Walker Attachment To Increase Stabilization And Reduce Falls**

- Presenter: Jennifer L. Newman
- Mentor: Dr. Judy Ericksen

**The Effect Of Sensory Processing On Non-Suicidal Self-Injury: A Scoping Review**

- Presenter: Emma Johnson
- Mentor: Terri Dennehy
Psychology Posters Masters Atrium
1:00 AM Refugee Resettlement In Lancaster Pennsylvania # 260
Presenter: Kayla Furman Mentor: Dr. Paul Dennis
1:00 PM An Investigation Of The Effect Of Concussions On Auditory-Visual Integration # 261
Presenter: Halley Donlin Mentor: Dr. Catherine Lemley
1:00 PM Athletes Utilize Object Imagery Over Spatial Imagery # 262
Presenter: John Bush Mentor: Dr. Catherine Lemley
1:00 PM Enhanced Auditory Memory Associated With Better Learning In Music-Color Synesthetes # 263
Presenter: Halley Donlin Mentor: Dr. Catherine Lemley
1:00 PM The Influence Of Visual Emotional Cues On Change Deafness # 264
Presenter: Genevieve Piatt Mentors: Dr. Catherine Lemley, Dr. Michael Roy
1:00 PM The Perky Effect Is No Longer Robust With Acuity Tasks # 265
Presenters: Morgan Smith, Cara Nunn Mentor: Dr. Catherine Lemley
1:00 PM Single-Session Loving-Kindness Meditation Practices Increase Positive Social Emotion # 266
Presenters: Josh Ruszala Mentor: Dr. Catherine Lemley
1:00 PM Using Creativity and Critical Thinking to Predict College Success #267
Presenter: Megan Kuczma Mentor: Dr. Jean Pretz
1:00 PM Going with Your Gut: How Intuition is Related to Thoughts, Beliefs, and Behaviors # 268
Presenters: Kayla Furman, Ally Killen Mentors: Dr. Michael Roy, Dr. Jean Pretz

Elizabethtown Borough Historic Preservation Section 106 Review For Penndot Posters

Honors Program Posters Masters Atrium
1:00 PM #1-Market Street Bridge, High Street Bridge, Poplar Street Bridge # 270
Presenters: Robert Pavlik, Robert Yahara Mentor: Mr. Jean-Paul Benowitz
1:00 PM #2 South East Square # 271
Presenter: Kenneth Wallace, Riley McGinley Mentor: Mr. Jean-Paul Benowitz
1:00 PM #3 South West Square # 272
Presenter: Kory Trout, Ramon Rios Mentor: Mr. Jean-Paul Benowitz
1:00 PM #4 North West Square # 273
Presenter: Rider Brandau, Joseph Rue Mentor: Mr. Jean-Paul Benowitz
1:00 PM #5 North East Square # 274
Presenter: Aubrey Mitchell, Zach Gibbons Mentor: Mr. Jean-Paul Benowitz
1:00 PM #6 West Side of South Market Street # 275
Presenter: Lizzie Miller, Joseph Santos Mentor: Mr. Jean-Paul Benowitz
1:00 PM #7 East Side of South Market Street & Elizabethtown College # 276
Presenter: Olivia LoGiurato, Jennifer Lloyd Mentor: Mr. Jean-Paul Benowitz
### Session IV 3:10 PM - 5:10 PM

#### Honors in Education Symposium – Senior Honors Candidates Thesis Presentations

**Education**

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<td>Integrating the Arts in the Early Childhood Classroom</td>
<td>Casey Shedlock</td>
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<td>The History Of SCAD: 2007-2017</td>
<td>Ramon Rios, Kelly Knorr, Kyle Kopko, Jessica Binnig, Jane Cavender, Rachel Finley-Bowman</td>
<td>Mr. Jean-Paul Benowitz, Carol Ouimet</td>
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<td>Detecting Sarcasm On Twitter</td>
<td>Ryan Schubert</td>
<td>Dr. Barry Wittman</td>
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<td>Gengo: Random Language Generator</td>
<td>Gabriel Edwards</td>
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<td>Convergence Rates For Standard Quadrature Rules</td>
<td>Kayla Novak</td>
<td>Dr. Timothy McDevitt</td>
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<tr>
<td>4:30 PM</td>
<td>Mathematical Model For Autonomous Path Following Vehicle</td>
<td>Gonzalo Miguez Dominguez</td>
<td>Dr. Timothy McDevitt, Dr. Tomás Estrada</td>
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<td>Here Be Dragons</td>
<td>Megan Tindell</td>
<td>Dr. Louis Martin</td>
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<td>Reading The Bible Independently: A Resource For Adolescent Readers</td>
<td>Emily Drinks</td>
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<td>The African American Hero’s Quest: The Search For Identity In Song Of Solomon, Joe Turner’s Come And Gone, And Invisible Man</td>
<td>Casey Quinto</td>
<td>Dr. Matthew Skillen</td>
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<td>The Reception And Progression Of The Liberal Arts In Twenty-First Century America</td>
<td>Kelly Bergh</td>
<td>Dr. Matthew Skillen, Dr. David Downing</td>
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<td>Reaching Your Audience: Multimodal Composition</td>
<td>Taj Baker, Mika Cook, Marylyn Lamourt, Scarlett Lehman</td>
<td>Erica Dolson</td>
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<td>Clay Faces: The Intersection and Application of Anthropology, Anatomy, and Art</td>
<td>Nicole Leaf</td>
<td>Dr. Elizabeth Newell</td>
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<td>The Good, The Bad, and The…..Huh?: Perceptions of the Anti-Hero in US Crime Shows</td>
<td>Emily Soltys</td>
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<td>Will and Julian: An LGBTQ Inspired Adaptation of Romeo and Juliet</td>
<td>Katelyn Gebbia</td>
<td>Dr. Rita Shah, Dr. Susan Mapp</td>
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<td>An Examination Of Work-Life Balance At Elizabethtown College</td>
<td>Justina Beard</td>
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<td>Warding Off Language Death: Survival Strategies of Pennsylvania German</td>
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<td>Franz Kafka: Life Into Art?</td>
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<td>When Passion and Employment Collide, Fulfillment Emerges</td>
<td>Emily Wieder</td>
<td>Ms. Stacy Zimmerman, Dr. Brian Newsome</td>
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<td>Survey of Early Music Programs for Children with Down Syndrome: Status and Benefits</td>
<td>Ashley Doron</td>
<td>Dr. Gene Behrens</td>
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<td>Status of Music Therapists’ Involvement in Medical Research</td>
<td>Andrei Gladkowski</td>
<td>Dr. Gene Behrens</td>
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<td>Artistic Influences On Debussy’s Sunken Cathedral</td>
<td>Ashley N. Doron</td>
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<td>Community Based Engineering Projects 1</td>
<td>Abby Beyer, Jennifer Gorel, Hui Lui, Nick Petrella, Ruth</td>
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<td>Daniel Buttorff, Guillaume Gouronc, Tristan Koehler, Kyle</td>
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<td>The Halo: Concussion Detecting Device</td>
<td>Julie Hess, Austin Frey, Kimberly Kim, Erin Clay</td>
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<td>Drag Racing Timing System</td>
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<td>Comprehensive Analysis of Fiber Optic Data-Rate and Bandwidth</td>
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<td>Internet of Things Energy Efficient Solution</td>
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<td>Improving The CRM Process At An Electrical Supply Store</td>
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<td>Process Improvement At Lighthouse Vocational Services</td>
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<td>Scars</td>
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<td>So You Think You Know Etown? A Photography Exhibit</td>
<td>Hannah Beatty, Kaylin Echterling, Angelina Farole, Cara Glynn, Guillaume Gouronc, Cassandra Hoben, Katie Keefe</td>
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2017 Scholarship and Creative Arts Days Committee

Scholarship and Creative Arts Days are made possible by contributions of many faculty, staff members and students. Serving on the SCAD committee, this year, are:

- Emma Neuhauser (chair)
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- SCAD interns
  - Jessica Binnig ’17
  - Kelly Knorr ’18

Anna Carper Award

The Anna Carper Excellence in Library Research Award is intended to recognize that the library is a “laboratory for scholarship,” from the first year of college study onward. The award identifies those first-year students who have demonstrated exemplary integrative skills in using library resources.

2017 Anna Carper Award Winner
Margaret Boccella ’20

Honorable Mentions:
Alyssa VanLenten ’19
Rebecca Voler ’19
Congratulations to Monica Venturella ’17, winner of the 2017 Scholarship and Creative Arts Day program cover contest!

**Artist Statement:** SCAD is all about bringing ideas from different disciplines together. The design brings together the sciences and the arts into one cohesive piece. Following graduation I hope to do the same by combining my psychology major and communications minor into a career in college admissions.

The Scholarship and Creative Arts Days Committee also congratulates Taylor Miles who was recognized with an honorable mention for the cover contest.