



**8TH ANNUAL SCHOLARSHIP
AND
CREATIVE ARTS DAYS**

#etownscad15



Elizabethtown College

**SCHOLARSHIP AND
Creative Arts Days**

**APRIL
20-22**



**MAKING THE WORLD BETTER
ONE
IDEA
AT A
TIME**

Welcome to Elizabethtown College's Eighth 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 2014-2015. 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.

**President Carl J. Strikwerda
Provost and Senior Vice President Susan Traverso
Dean of Faculty E. Fletcher McClellan**

Monday, April 20, 2015

28th Annual Juried Student Art Show

6:45 PM Lyet Gallery at Leffler Chapel

Opening Ceremony and Keynote Address

7:30 PM Musser Auditorium, Leffler Chapel

Welcome by President Carl J. Strikwerda

Keynote Speaker: Dr. Donald Kraybill

Book Signing Afterward



Tuesday, April 21, 2015

Student Presentations

8:30 AM to 4:30 PM

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

Reception for Faculty Mentors and Student Presenters

4:30 PM M&M Mars Room, Leffler Chapel

Scholarship and Creative Arts Days Recital

5:15 PM Musser Auditorium in Leffler Chapel



Wednesday, April 22, 2015

Occupational Therapy

Graduate Research Symposium

5:30 PM Gibble Auditorium in the Masters Center



SCHOLARSHIP AND CREATIVE ARTS DAYS FUN FACTS



2,788
STUDENTS HAVE PARTICIPATED IN SCAD
SINCE IT STARTED EIGHT YEARS AGO!



DOZENS OF FACULTY MENTORS HAVE
SUPPORTED THESE STUDENTS

ELIZABETHTOWN
COLLEGE HAS WELCOMED
EIGHT RENOWNED KEYNOTE SPEAKERS

EVERY ACADEMIC DEPARTMENT AT ELIZABETHTOWN COLLEGE
HAS PARTICIPATED IN SCAD

28th Annual Juried Student Art Show

Lyet Gallery at Leffler Chapel and Performance Center

Monday, April 20, 6:45 PM

**Monday
6:45 PM**

28th Annual Juried Student Art Show

1

Presenters:

Andrew Blank, Tori Snyder, Mattie Joyner, R. J. Boia, Meg
Brace, Kelly Bresnowitz, Maria Jose Clari, Daisy Curtin,
Mary Neil Donahue, Kelly Enterline, Tommy Fitzgerald,
Ellyn Frisch, Matt Jensen, Meghan Kreider, Kelly Moore,
Christine Morzek, Danielle Nelson, Sarah Romagnoli,
Alexandra Sevaried, Melissa Stewart, Alexander
Taschner, Melissa Nanna, Dante Weikel

Mentors:

Prof. Dan Burns
Prof. Jeff Bye
Prof. Linda Eberly
Dr. Milt Friedly
Prof. Jeff Geib
Dr. Kristi Arnold
Dr. Katherine Hughes

The College's 28th Annual Juried Student Art show will run from April 7 to April 24 in the Lyet Gallery at Leffler Chapel and Performance Center.

An awards ceremony took place on April 7. Prizes were awarded for the best work in various disciplines, e.g., ceramics, computer art, drawing, painting, photography, print-making, and sculpture. The gallery is open from 9:00 AM to 9:00 PM, Monday through Friday, and 1:00 PM to 5:00 PM on Saturday and Sunday.

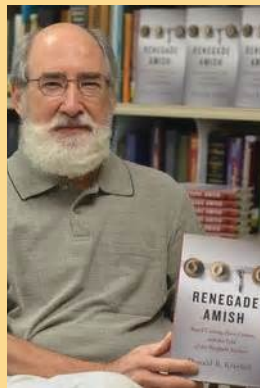


Dr. Donald B. Kraybill

Dr. Donald Kraybill began teaching sociology at Elizabethtown College in January 1971, some forty-four years ago. For a number of years he also chaired the sociology-anthropology-social work department. Assisted by a colleague at Gettysburg College, Kraybill established the Mid-Atlantic Undergraduate Social Research Conference, which first met at Elizabethtown College in 1980 and this spring will meet at Villanova University. When the Young Center for Anabaptist and Pietist Studies opened in 1989, Kraybill served as its director until 1996, when he became the first provost of Messiah College. Six years later he returned to Elizabethtown College as distinguished professor and senior fellow in the Young Center. After returning to Elizabethtown, Kraybill served as acting provost for a year and later as acting director of the Young Center from 2006 to 2007. In 2000 Kraybill received a Centennial Award for Distinguished Service to Elizabethtown College.

Kraybill's first book, published in 1976, was a critical assessment of American civil religion. In 1978 his *Upside Down Kingdom* received the National Religious Book Award. Kraybill has written, coauthored, or edited more than two dozen books as well as dozens of journal articles and essays. Several of his books have been translated into a total of nine languages. The National Endowment for the Humanities has funded his research numerous times, and he has served on three NEH panels to evaluate peer proposals.

When ten girls in an Amish schoolhouse were shot at Nickel Mines in 2006, Dr. Kraybill fielded hundreds of national and international media queries. His coauthored book *Amish Grace: How Forgiveness Transcended Tragedy* became the definitive work on the story. It was followed by the widely viewed film *Amish Grace*. Kraybill also collaborated with the producers of *The Amish*, a two-hour documentary by American Experience that aired on PBS in February 2012, a few days after its first screening in Musser Auditorium at Leffler Chapel. *The Amish* had the highest number of viewers of any American Experience episode in nine years. In 2013 Kraybill, with coauthors Steven Nolt and Karen Johnson-Weiner, published *The Amish*, a companion book to the film and the first comprehensive overview of the Amish in North America since 1963. In 2012 Kraybill assisted the US Department of Justice in prosecuting sixteen Amish defendants accused of beard-cutting attacks in Ohio. He served as the only expert witness at the trial and later wrote *Renegade Amish: Hate Crimes, Beard Cutting, and the Trial of the Bergholz Barbers*, which Johns Hopkins University Press published in 2014.

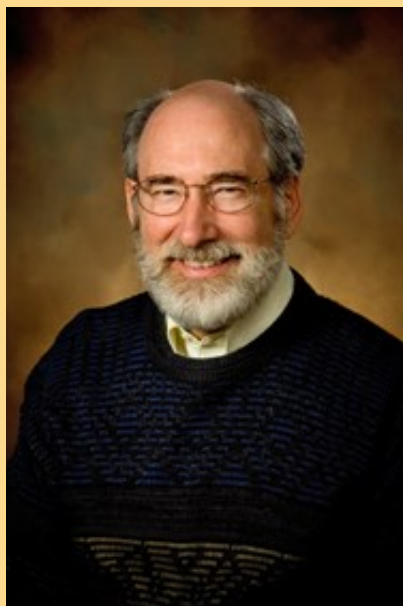


Dr. Kraybill is the acquisitions editor for Young Center Books in Anabaptist and Pietist Studies published by Johns Hopkins University Press. Since it began in 2006, the series has published nineteen titles.

Dr. Donald B. Kraybill

Monday, April 20

Dr. Donald Kraybill will be the featured keynote speaker at the eighth annual Scholarship and Creative Arts Days at Elizabethtown College.



Dr. Donald Kraybill's lecture will describe the scholarly methods he used to solve the Amish riddle: how does a tradition-laden group—one that rejects television, public grid electricity, car ownership, high school, and Social Security—not only survive but thrive in high-tech, hypermodern America? In Lancaster County and nationwide, the Amish population doubles every eighteen to twenty years. Kraybill will also unpack some smaller Amish riddles: why do Amish people reject car ownership yet readily hire outsiders to provide “taxi service” for them? How do eighth-grade-educated Amish youth learn the entrepreneurial skills to create and operate multimillion dollar companies? And why do Amish teenagers, who enjoy the freedoms of *Rumspringa*, eventually decide to join such a restrictive, peculiar group? Using visual and audio clips, Dr. Kraybill will show how solving perplexing social conundrums requires multidisciplinary research, multiple data sources, comparative analysis, and theoretical concepts. A book-signing will follow the presentation.

Keynote Speech

**Musser Auditorium,
Leffler Chapel, 7:30 PM**

Book Signing

**McCormick Gallery,
Leffler Chapel, 8:30 PM**

Tuesday, April 21, 2015

SCAD Events

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 8:30AM to 9:50 AM

- Religious Studies
- Honors in Education Symposium Session I
- Business
- Senior Theses in History—Interdisciplinary Panel
- Amish Conflicts with Modern Values—Young Center Panel
- Mathematical Sciences
- Engineering
- Called to Lead Program
- Fine and Performing Arts
- Biology
- Occupational Therapy



Session II 10:00 AM to 11:20 AM

- Honors in Education Symposium Session II
- David Copperfield and Anna Karenina: Interpretation of Two Nineteenth-Century Novels— English Panel
- International Peace and Justice: The Paul M. Grubb, Jr. Award— Interdisciplinary Panel
- Brethren Entanglements with the World—Young Center Panel
- Religious Studies Senior Theses
- Political Science Senior Theses
- Fine and Performing Arts
- Engineering
- Chemistry and Biochemistry



Lunch Break 11:20 AM to 12:10 PM

Solar Powered Electric Racers, Track Infield



Session III 12:20 PM to 2:20 PM

- Fourth Annual Symposium on Sustainability Session I—Interdisciplinary Panel
- Honors in Education Symposium Session III
- English
- Biology
- History
- Distinctive Amish Practices and Values—Young Center Panel
- Modern Languages— German and Spanish
- Honors in the Discipline— Sociology and Anthropology
- Political Science Research Methods Survey Results— Politics, Philosophy and Legal Studies Panel
- Fine and Performing Arts
- Psychology
- Mathematical Sciences



Session IV 2:30 PM to 4:30 PM

- Fourth Annual Symposium on Sustainability Session II— Interdisciplinary Panel
- Honors in Education Symposium Session IV
- English
- Occupational Therapy
- Communications
- History
- Religious Studies
- Sociology and Anthropology
- Biology
- Fine and Performing Arts
- Psychology
- Engineering



Reception for Faculty Mentors and Student Presenters

&

**Presentation of Anna Carper Excellence in Library
Research Award**

4:30 PM M&M Mars Room, Leffler Chapel

Scholarship and Creative Arts Days Recital

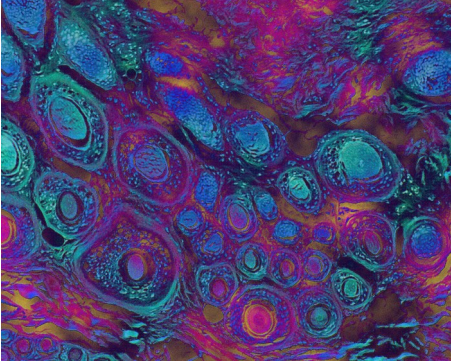
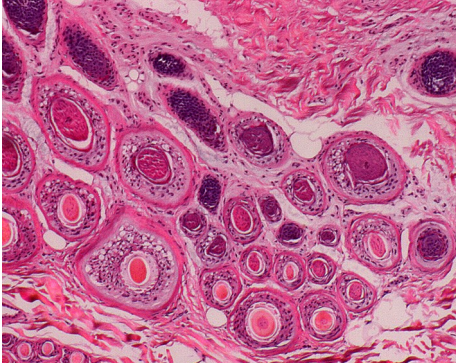
5:15 PM-7:00 PM Musser Auditorium, Leffler Chapel



Scholarship and Creative Arts Days
Cover Contest Honorable Mentions



Amelia Schaeffer



Andrew Fry and Nate Williams

Eighth Annual Scholarship and Creative Arts Days

Session I 8:30 AM-9:50 AM

Religious Studies Paper Presentation H-108

9:10 AM	Researching Islam @Etowncollege: A Student-Developed Digital Resource	# 4
Presenters:	Meg Brace, Garrett Clark, Shanise Marshall	Mentor: Dr. Richard Newton

Honors in Education Symposium I

Education Moderator: Dr. Elizabeth Coyle H-110

8:30 AM	Honors in Education Symposium: Junior Honors Candidates Poster Session	# 6
Presenters:	Nicole Curcio, Meghan Vogt, Sarah Fuller, Katharine Rozman	Mentor: Dr. H. Elizabeth Coyle

Education Paper Presentation H-114

8:30 AM	Teaching Consensual Peace: Five Strategies for the Middle Level Social Studies Classroom	# 11
Presenters:	Lauren Hower, Ashley Testino	Mentor: Dr. Rachel Finley-Bowman

Business Paper Presentations H-213

9:10 AM	Consumer Language Knowledge and Its Impact on Foreign Brand Names Perception	# 13
Presenter:	Samantha Chavanon	Mentor: Dr. Bryan Greenberg
9:30 AM	Sweet Temptations: Entrepreneurial Opportunities in the Chocolate Confectionary Industry	# 14
Presenter:	Taylor Petrowski	Mentor: Dr. Petru Sandu

Senior Theses in History

Interdisciplinary Moderators: Dr. Patricia Likos Ricci and Dr. Brian Newsome H-211

9:10 AM	The Futurists: Futurism, Fascism, and Feminism	# 19
Presenter:	Sarah Thomas	Mentor: Dr. Patricia Likos Ricci
9:30 AM	Subverting the Strangulation of Creativity: The Influence of Hungarian Fiction Writers under Communism	# 20
Presenter:	Emily Vasas	Mentor: Dr. Brian Newsome

Amish Conflicts with Modern Values

Sociology and Anthropology Moderator: Dr. Donald Kraybill H-212

8:30 AM	An Amish Conundrum: <i>Wisconsin v. Yoder</i>	# 21
Presenter:	Lia Kopar	Mentor: Dr. Donald Kraybill
8:50 AM	Amish Schooling: Keeping Tradition in a Hypermodern World	# 22
Presenter:	Gillian Engelbrecht	Mentor: Dr. Donald Kraybill
9:10 AM	Prayer and the Electorate: Amish Political Skepticism	# 23
Presenter:	Vincent James McGonigle	Mentor: Dr. Donald Kraybill
9:30 AM	Mafia Manure: Debunking the Misrepresentations in <i>Amish Mafia</i>	# 24
Presenter:	Brandon Diaz	Mentor: Dr. Donald Kraybill

Mathematical Sciences Paper Presentation H-213

8:30 AM	Building Meaning with Geogebra	# 26
Presenter:	Jessica Leidy	Mentor: Dr. Stephen Soltys

Engineering		Paper Presentations		H-213
9:10 AM	Design of a Mobile Device for Streaming Music			# 29
Presenter:	Braden Rudesill		Mentor: Dr. Joseph Wunderlich	
9:30 AM	Development of Neural Network Software			# 30
Presenters:	Josiah Buxton, Sajid Amir		Mentor: Dr. Joseph Wunderlich	
Fine and Performing Arts		Paper Presentations		H-215
9:10 AM	Echoes of the Baroque: Bach's Influence on Mendelssohn			# 39
Presenter:	Samantha Keynton		Mentor: Dr. E. Douglas Bomberger	
9:30 AM	Art Therapy and the Cancer Experience			# 40
Presenter:	Danielle Nelson		Mentor: Dr. Patricia Likos Ricci	
Biology		Posters		Masters Atrium
8:30 AM	The Effect of Echinacea on HeLa Cervical Carcinoma Cells			# 41
Presenters:	Erin Altares, Sarah McCarron, Morgan Chambers, Carly Mercer, Jessie Miller, Kendra Ormsbee		Mentor: Dr. Jane F. Cavender	
8:30 AM	A Comparison of DNA Methylation and the Efficiency of Transfection by Lipofectamine and Polyethylenimine			# 42
Presenters:	Gina Cusimano, Elizabeth McManus		Mentor: Dr. Jane F. Cavender	
8:30 AM	SV40 T Antigen's Role in the Activation of the Cyclin A Promoter via TBP and p53 Binding			# 43
Presenters:	Emily Girsch, Dillon McDevitt		Mentor: Dr. Jane F. Cavender	
8:30 AM	A Comparison of Primate Saccades Used to Intercept Static and Moving Visual Targets			# 44
Presenter:	Ben Steinberg		Mentor: Dr. Aaron Cecala	
8:30 AM	Change Detection in Synesthetes and Non-Synesthetes			# 45
Presenter:	Alex Iacono		Mentor: Dr. Aaron Cecala	
8:30 AM	Past Social Experience Influences the Effect of Pheromones on Crayfish Aggression			# 46
Presenter:	Marisa Del Gaudio		Mentor: Dr. Anya Goldina	
8:30 AM	Social Instability Stimulates Molting in the Crayfish <i>Orconectes Obscurus</i>			# 47
Presenter:	Kevin Dise		Mentor: Dr. Anya Goldina	
8:30 AM	How Does Education Alter Collegiate Athletes' Assessment of Severity of Sports-Related Injuries?			# 48
Presenter:	Marissa Sneeringer		Mentors: Dr. Anya Goldina, Ms. Lynne C. Davies	
8:30 AM	Identity and Injury Type Influence Post-Injury Decision Making in Collegiate Athletes			# 49
Presenter:	Kristopher Davis		Mentors: Dr. Anya Goldina, Ms. Lynne C. Davies	
8:30 AM	Individual Recognition in the Crayfish <i>Orconectes Rusticus</i>			# 50
Presenter:	Samuel Thalathoti		Mentor: Dr. Anya Goldina	
8:30 AM	Responsiveness to Serotonin Reflects Social Dynamics of Crayfish <i>Orconectes Obscurus</i>			# 51
Presenter:	Casey Meier		Mentor: Dr. Anya Goldina	
8:30 AM	Evaluating the Impacts of a Novel Wetland Restoration on Amphibians			# 52
Presenters:	Troy Gruber, Ryan Conway		Mentor: Dr. David Bowne	

Biology (continued)	Posters	Masters Atrium
8:30 AM	Overwintering Habitat Selection by Painted Turtles in Relation to Water Temperature	# 53
Presenters:	Lindsay Diehl, Haley Kearns	Mentor: Dr. David Bowne
8:30 AM	Where's the Stink? Landscape Features Influencing Distribution of <i>Sternotherus odoratus</i>	# 54
Presenter:	Alexandra Doran	Mentor: Dr. David Bowne
8:30 AM	Movements of Painted Turtles in the Changing Water Temperatures of Lake Placida	# 55
Presenter:	Lisa Foose	Mentor: Dr. David Bowne
8:30 AM	Antibiotic Resistance of the Indoor Microbiome before and after Human Interaction	# 56
Presenter:	Jessica Albrecht	Mentor: Dr. Debra Wohl
8:30 AM	A Possible Supra Additive Effect between Essential Oils and the Antibiotic Ampicillin	# 57
Presenter:	Dylan Carmichael	Mentor: Dr. Debra Wohl
8:30 AM	Two Species in One Body? Determining Whether Stable Combinations of Cells from Two Species of <i>Hydra</i> Can Be Produced	# 58
Presenters:	Samantha Mundorff, Erin Altares, Rachel Ruck	Mentor: Dr. Diane Bridge
8:30 AM	Investigating the Function of the Amyloid Precursor Protein in <i>Hydra</i>	# 59
Presenter:	Kendall Cliatt	Mentor: Dr. Diane Bridge
8:30 AM	Effects of Vitamin D3 and Corticosterone in Vivo and in Vitro on C57BL/6 Dendritic Cells	# 60
Presenter:	Christine Mrozek	Mentor: Dr. Jodi Yorty
8:30 AM	Prevention of Corticosterone Induced Loss of Dendritic Cell Subsets in Mice Exposed to Anti-CD40	# 61
Presenter:	Shannon Bessonett	Mentor: Dr. Jodi Yorty
Occupational Therapy	Posters	Masters Atrium
8:30 AM	Role of Occupational Therapy in Pain Management: Craniosacral Therapy as Alternative Treatment	# 70
Presenter:	Andrea Keady	Mentor: Dr. Angela Salvadia
8:30 AM	Autism Spectrum Disorder and Gluten-Free, Casein-Free Diet: What Do Parents Think about the Change	# 72
Presenter:	Erin Horting	Mentor: Dr. Kerrie Hample
8:30 AM	A Program Evaluation of Therapeutic Outcomes of Inpatients in a Stroke Rehabilitation Program	# 73
Presenter:	Erin Kelly	Mentors: Dr. Linda Leimbach, Dr. Bogdan Doytchinov
8:30 AM	The Correlation between Body Image and Occupational Participation for Individuals with Amputations: Implications for OT Practice	# 74
Presenter:	Christina Gilley	Mentors: Prof. Ann Marie Potter, Dr. Evan Smith
8:30 AM	A Service Project: Effects of The NICU on Attachment Patterns and Development in Infants	# 75
Presenter:	Emily Mason	Mentor: Prof. Christine Achenbach

Session II 10:00 AM-11:20 AM

Honors in Education Symposium II: Senior Honors Theses

Education	Moderator: Dr. Rachel Finley-Bowman		H-110
10:00 AM	STEM Education in the Elementary School Classroom		# 109
Presenter:	Molly Callaghan	Mentor: Dr. Rachel Finley-Bowman	
10:40 AM	Sustaining the Implementation of School-Based Social Emotional Learning		# 110
Presenter:	Kaitlin E. Tackels	Mentor: Dr. H. Elizabeth Coyle	

David Copperfield and Anna Karenina: Interpretations of Two Nineteenth-Century Novels

English	Moderator: Dr. Kimberly Adams		H-114
10:00 AM	The Social Role of Language: A Bakhtinian Approach to Tolstoy's <i>Anna Karenina</i>		# 112
Presenter:	Rebecca Olsen	Mentor: Dr. Kimberly Adams	
10:20 AM	<i>David Copperfield</i> as a Bildungsroman		# 113
Presenter:	Brigid Flynn	Mentor: Dr. Kimberly Adams	

International Peace and Justice: The Paul M. Grubb, Jr. Award

Interdisciplinary	Moderator: Dr. David Kenley		H-211
10:00 AM	Jaama Rek: Teaching in the Gambia and the 2014 Paul M. Grubb, Jr. Student Peace Award		# 116
Presenter:	Jessica Leidy	Mentor: Dr. David Kenley	
10:20 AM	Advocating for Peace through Social Change Leadership		# 117
Presenter:	Bhim Thapaliya	Mentors: The Rev. Tracy Sadd, Dr. David Kenley	

Occupational Therapy Paper Presentation

Occupational Therapy	Paper Presentation		H-211
11:00 AM	Dental Hygiene and Intellectual Disability: What Do Dentists Need from Occupational Therapists		# 120
Presenter:	Marla Peiffer	Mentor: Dr. Kerrie Hample	

Brethren Entanglements with the World

Sociology and Anthropology	Moderator: Dr. Donald Kraybill		H-212
10:00 AM	Our Brethren Foundations: A Cultural History of Elizabethtown College		# 121
Presenter:	Jerica Shuck	Mentor: Dr. Donald Kraybill	
10:20 AM	Brethren Conscientious Objectors: The Battle with Individualism		# 122
Presenter:	Emily West	Mentor: Dr. Donald Kraybill	
10:40 AM	The Sound of Music: A Comparison of Amish and Old German Baptist Brethren Singing		# 123
Presenter:	Amanda Watson	Mentor: Dr. Donald Kraybill	
11:00 AM	Quilting: A Quintessential Amish Practice		# 124
Presenter:	Holly Stegna	Mentor: Dr. Donald Kraybill	

Religious Studies Senior Theses

Religious Studies

H-213

Moderator: Dr. Christina Bucher

10:00 AM	The Curse of Ham: Where Was the Dishonor?	# 126
Presenter:	Tetiena Harley	Mentor: Dr. Christina Bucher
10:20 AM	Sacrilegious, Supercilious, or Satire: <i>The Book of Mormon</i> as a Sacred Text and a Broadway Hit	# 127
Presenter:	Taylor Luckenbill	Mentor: Dr. Richard Newton
10:40 AM	Pope Francis and the Ethics of Jesus	# 128
Presenter:	Leah Martin	Mentor: Dr. Christina Bucher

Political Science Senior Theses

Politics, Philosophy & Legal Studies

H-214

Moderator: Dr. April Kelly-Woessner

10:00 AM	Changes of the Committee System in the Pennsylvania House of Representatives	# 131
Presenter:	Ashley Edwards	Mentor: Dr. Kyle Kopko
10:20 AM	For Better or for Worse?: Was the Absolution of the Emperor's Executive Role in Japanese Policy Making Received Positively by the Japanese People?	# 132
Presenter:	Jamie Hopkins	Mentors: Dr. Dan Chen, Dr. Mahua Bhattacharya
10:40 AM	From Al Qaeda to ISIS: The Evolution of Terrorist Financing	# 134
Presenter:	Miguel Ruiz	Mentors: Dr. Oya Ozkanca, Dr. E. Fletcher McClellan
11:00 AM	Strategies for Local Economic Development: A Model of Two Cities	# 135
Presenter:	Steven Paul	Mentor: Dr. E. Fletcher McClellan

FAPA - Music Therapy

Paper Presentations

H-215

10:00 AM	Effect of Ipad Versus Acoustic Drums on Social Skills and Playing during Group Drumming	# 136
Presenters:	Marissa Aulenbach, Ashley Blaha, Marissa Harper	Mentor: Dr. Gene Behrens
10:40 AM	Relationships among Personality, Imagery Type, and Self-Rating of Music and Imagery Outcomes	# 137
Presenters:	Marissa Jones, Arianna Bendlin, Susan Messick	Mentor: Dr. Gene Behrens

Engineering

Posters

Masters Atrium

10:00 AM	Design of a Green Pavilion for the Elizabethtown College Campus	# 141
Presenters:	James Cohen, Christopher Pauzer, Cristian Salgado, Kaylee Werner	Mentor: Dr. Kurt DeGoede
10:00 AM	Community-Based Engineering Projects	# 142
Presenters:	Peter Bogush, Kyle Hakun, Jeffrey E. Light, Max C. Mahan, John Hollister, William E. Kenney, Michael J. Specht, Nicholas C. Specht, Nicholas A. Stratton, Seth G. Decker, Kevin R. Goreberg, Kimberly Kim, Kieran H. Koehler	Mentor: Dr. Sara Atwood
10:00 AM	Community-Based Engineering Projects	# 143
Presenters:	Hiroki Asakawa, Austin E. Frey, Phillip A. Kyger, Joshua A. McMahon, Jacob R. Sweger, Alex W. Chavez, Jamey S. Hogarth, Tyler J. Robbins, Michael Twist, Erin N. Clay, John P. Pacy, Joshua C. Rinehart, Luke S. Stephens	Mentor: Dr. Sara Atwood

Engineering	Posters	Masters Atrium
10:00 AM	Community-Based Engineering Projects	# 144
Presenters:	Claude Youssef Abouneqm, Benjamin A. Martin, Gonzalo Miguez Dominguez, Nicholas G. Wagner, Brandon A. Diaz, Diep Ngoc Dinh, Julie A. Hess, Christian Peeters, Thomas C. Abell, Tyler J. Buskirk, Kyle M. Fackler, William J. Gushue	Mentor: Dr. Sara Atwood
10:00 AM	Soccer Ball Launcher	# 145
Presenters:	David Boretti, Eric Borkowicz, Andres Hartman, Cesar Rojas, Justin Signora, Dylan Sisler	Mentor: Dr. Tomás Estrada
10:00 AM	Design of an Autonomous Path Following Vehicle: A Multidisciplinary Research Project	# 146
Presenter:	Martin Fevre	Mentor: Dr. Tomás Estrada
10:00 AM	Industrial Engineering of a Lean Manufacturing Process	# 147
Presenters:	Christoph Hoening, Carla Limpas-Parada	Mentor: Prof. William K. Gordon
Chemistry and Biochemistry	Posters	Masters Atrium
10:00 AM	Synthesis and Characterization of Dapoxyl Sulfonic Acid Analogues for Use in Aqueous Phase Luminescence Sensing	# 150
Presenter:	Christopher Ryan	Mentor: Dr. James MacKay
10:00 AM	Calcium Coordination Complexes: Synthetic Development and Structural Characterization	# 151
Presenter:	Alex Holbert	Mentor: Dr. Jeffrey Rood
10:00 AM	Heteroleptic Salicylaldiminate Magnesium Amides: Solid-State and Solution Characterization	# 152
Presenters:	Ashley Landis, Stephanie Tretter	Mentor: Dr. Jeffrey Rood
10:00 AM	Toward the Development of Luminescent Metal Organic Frameworks for Use as Sensors	# 153
Presenters:	Melissa Peiffer, Gabrielle Yankelevich	Mentors: Dr. Kristi Kneas, Dr. Jeffrey Rood
10:00 AM	Synthesis and Photophysical and Photochemical Characterization of Osmium Complexes for Luminescence-Based Sensing	# 154
Presenter:	Amy Wagner	Mentors: Dr. Kristi Kneas, Dr. Jeffrey Rood
Physics	Demonstration	Track Infield
11:20 AM	Solar Powered Electric Racers	# 160
Presenters:	Joshua Bhuel, Michael Hofstedt, Matthew Koerber, Adam Strayton, Jonathan Lane, Alyssa Pumputis, Tyler Robbins, Alexander Sten, Taylor DeBlock, Patrick Durofchalk, David Foery, Ryan Hummel, Otis Statham, Muntabir Choudhury Hasan, Kyle Coats, Zachary Dennin, Daniel Bruno Esteves, Nathan Copros, Jared Lescavage, Martin Rodgers, Ryan Schick, Chandler Adams, Jordan Nelson, Evan Pallante, Andruw Szczawinski, Andrew Fletcher, Gaia Lazzarini, Gabriel MacDonald, Mitchell Schlegel, Dillon Dotson, Paul Lecurieux-Lafayette, Summer Musser, Mikaela Stiklickas	Mentor: Dr. Kurt DeGoede

Session III 12:20 PM-2:20 PM

Fourth Annual Symposium on Sustainability I

Interdisciplinary

Gibble Auditorium

Moderators: Dr. Tomás Estrada, Dr. Joseph Wunderlich

12:20 PM	Modeling and Testing of Engineered Drainage Tile for Nitrogen Removal	# 201
Presenters:	Daniel Gresh, Andres Hartman	Mentor: Dr. Brenda L. Daily
12:40 PM	Design of the Elizabethtown College Wellness Center	# 202
Presenters:	Kaylee Werner, Michael Graziano	Mentors: Dr. Patricia Likos Ricci Dr. Joseph Wunderlich
1:00 PM	Design of Health Clinics for Sierra Leone, Africa	# 203
Presenters:	Michael Graziano, Sarah Fay	Mentors: Dr. Joseph Wunderlich Dr. Patricia Likos Ricci
1:20 PM	Central Pennsylvania Food Bank Barrel Lift Assist	# 204
Presenters:	Dustin Cramer, Nathaniel Flickinger, Matthew Frey, Brandon Harris	Mentor: Dr. Sara Atwood
1:40 PM	Building Together with Nature	# 205
Presenter:	Christine Mrozek	Mentor: Dr. Patricia Likos Ricci
2:00 PM	Architectural Renderings and Animation of Nicarry Building	# 206
Presenters:	Bryne Kirsch, Brian Brennan	Mentors: Dr. Joseph Wunderlich

Honors in Education Symposium III: Senior Honors Theses

Education

H-110

Moderator: Dr. Rachel Finley-Bowman

12:20 PM	Aligning Formative and Summative Assessment through Use of Technology	# 209
Presenter:	Jennifer Cook	Mentor: Dr. Juan Toro
1:00 PM	Differentiated Instruction: Gifted Education's Redeemer or Pie in the Sky Theory	# 210
Presenter:	Faith Walter	Mentor: Dr. Juan Toro

English

Performance

H-114

1:00 PM	<i>Tight Lips</i>	# 211
Presenter:	Brigid Flynn	
Cast:	Tiana Ferrante, Taylor Luckenbill, Nathaniel Marlowe, Wendy Moulton, and Luke Smith	Mentor: Dr. John Rohrkemper

The I of the Beholder: Exploring Identiities in Fiction and Personal Narrative

English

H-114

Moderator: Dr. David Downing

1:20 PM	Being Patient: Reflections of a Medical Actor	# 213
Presenter:	Sarah Kennedy	Mentor: Dr. David Downing
1:40 PM	Celebrity Obsessions in the Modern World: A Look at My Own Relationship with Celebrity Fandoms and Its Causes	# 214
Presenter:	Brigid Flynn	Mentor: Dr. David Downing
2:00 PM	Fire on Our Shoulders: Fiction	# 215
Presenter:	Kyler Koons	Mentor: Dr. David Downing

French History: Romanticism, Nationalism, and Jazz**History****H-211****Moderator: Dr. Brian Newsome**

12:20 PM The Definitions of Romanticism and French Romantic Literature: Searching for Common Ideas in a Period of Intellectual Transformation # 216

Presenter: Samuel Weaver Mentor: Dr. Brian Newsome

12:40 PM From Left to Right: Paul Déroutède, the Ligue des Patriotes, and the Shift in French Nationalism # 217

Presenter: Christopher Panetta Mentor: Dr. Brian Newsome

1:00 PM C'est Paris!: Jazz Comes to France # 218

Presenter: Gwen Fries Mentor: Dr. Brian Newsome

Aspects of Medieval Europe**History****H-211****Moderator: Dr. Máire Johnson**

1:40 PM The Hundred Years War # 219

Presenters: John Garbellano, Brent Batory, Jamison MacMain Mentor: Dr. Máire Johnson

2:00 PM The Vikings in Medieval Dublin # 220

Presenters: Gwen Fries, Emily Vasas, Ethan Weber Mentor: Dr. Máire Johnson

Distinctive Amish Practices and Values**Sociology and Anthropology****H-212****Moderator: Dr. Donald Kraybill**

12:20 PM Cure-Alls and Chiropractors: Amish Utilization of Complementary/Alternative Medicine # 221

Presenter: Gates Failing Mentor: Dr. Donald Kraybill

12:40 PM The Founder Effect on Amish and Old Order Mennonite Health # 222

Presenter: Sarah McCarron Mentor: Dr. Donald Kraybill

1:00 PM Amish Dress: Plain Fashion with a Purpose # 223

Presenter: Colby Schweibenz Mentor: Dr. Donald Kraybill

1:20 PM Fast Forgiveness: The Amish Tragedy at Nickel Mines # 224

Presenter: Megan Kuczma Mentor: Dr. Donald Kraybill

1:40 PM Why The "I" Is Missing in Amsh Culture # 225

Presenter: Kayla Furman Mentor: Dr. Donald Kraybill

2:00 PM "I Heard It through the Grapevine: Amish Newspapers as Social Media" # 226

Presenter: Crystal Uminski Mentor: Dr. Donald Kraybill

Modern Languages: German and Spanish**Modern Languages****H-213****Moderator: Dr. Charla Lorenzen**

12:20 PM Sleeping Giant: The Untapped Power of Women in the Third Reich # 227

Presenter: Eller Devoney Mentor: Dr. Mark Harman

12:40 PM Living in an Island of Demons: Women in Franco's Spain # 228

Presenter: Justin Ahmad Mentor: Dr. Montserrat Linares-Farras

1:00 PM Linguistically and Culturally Appropriate Translation of College Admission Materials (PRESENTATION WILL BE IN SPANISH) # 229

Presenter: Kaite Appleby Mentor: Dr. Charla Lorenzen

Honors in Discipline

Sociology and Anthropology

H-213

Moderator: Dr. Conrad L. Kanagy

1:40 PM	Reading the Bones of the Past: NAGPRA and the Future of Bioarchaeology in the United States	# 231
Presenter:	Tamara Eichelberger	Mentor: Dr. Elizabeth Newell
2:00 PM	Can't Shake It: Student Perceptions of Bullying at Elizabethtown College	# 232
Presenter:	Kaitlyn Xanthopoulos	Mentor: Dr. Michele Lee Kozimor-King

Political Science Research Methods Survey Results

Politics, Philosophy & Legal Studies

H-214

Moderator: Dr April Kelly-Woessner

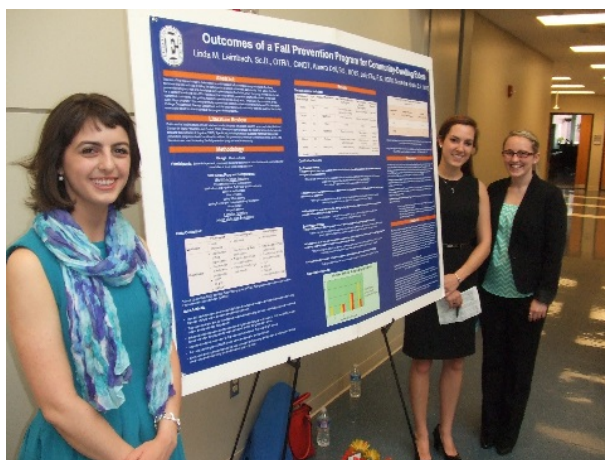
12:20 PM	Political Tolerance on Campus	# 233
Presenters:	Garrett Clark, Maria Rajkowski, Steven Paul	Mentor: Dr. April Kelly-Woessner
12:40 PM	Political Bias on Campus	# 234
Presenters:	Samantha Finnegan, Taylor Flamand, Matthew Rucci	Mentor: Dr. April Kelly-Woessner
1:00 PM	Political Knowledge and Participation	# 235
Presenters:	Emily West, Jonathan Hahn, Blake Schnudle, Samuel Wingert	Mentor: Dr. April Kelly-Woessner

FAPA - Music Therapy

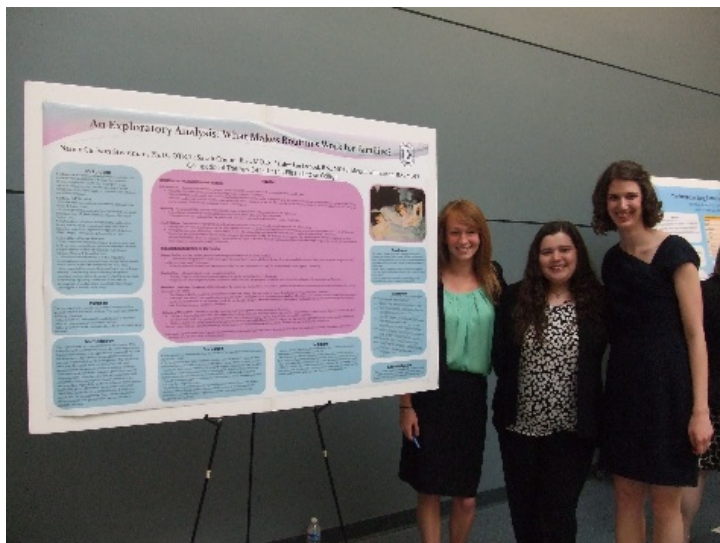
Paper Presentations

H-215

12:20 PM	Use of Current and Past Popular Music for Song Discussion/Writing Experiences with Preteens	# 240
Presenter:	Arianna Bendlin	Mentors: Dr. Gene Behrens Dr. Kevin Shorner-Johnson
1:00 PM	Using Song Stories to Influence Children's Coping, Knowledge, and Anxiety during Outpatient Procedures	# 241
Presenter:	Marissa Aulenbach	Mentor: Dr. Gene Behrens
1:40 PM	Current Status of Music Therapy with Infants Diagnosed with Neonatal Abstinence Syndrome	# 242
Presenter:	Marissa Jones	Mentors: Dr. Gene Behrens Dr. Kevin Shorner-Johnson



Psychology	Posters	Masters Atrium
12:20 PM	Attraction Primes Do Not Cause Redness Perceptions	# 250
Presenter:	Sarah Nanovic	Mentor: Dr. Catherine Lemley
12:20 PM	Irrelevant Speech Impairs Visuospatial Memory	# 251
Presenter:	Kelly Pool	Mentor: Dr. Catherine Lemley
12:20 PM	What Colors Really Mean: Comparing Synesthetes' People-Color Experiences.	# 252
Presenters:	Kelly Pool, Ryan Schwark	Mentor: Dr. Catherine Lemley
12:20 PM	Creative Mindset Correlates with Self-Concept but Not Creative Performance	# 253
Presenter:	Danielle Nelson	Mentor: Dr. Jean Pretz
12:20 PM	Rumination and Performance in Professional Field Hockey Players	# 254
Presenter:	Anastasia Frees	Mentors: Dr. Jean Pretz, Dr. Michael Roy
Mathematical Sciences	Posters	Masters Atrium
12:20 PM	Testing the "Milk's Favorite Cookie"	# 260
Presenters:	Nina Cicero, Emily Overfield	Mentor: Dr. Leyla Batakci
12:20 PM	Impact of Internet on Library Use and Other Activities of Young Americans	# 261
Presenter:	Alicia Froh	Mentor: Dr. Leyla Batakci
English	Poster	Masters Atrium
12:20 PM	Iceland's Living Landscape	# 270
Presenters:	Kara Rohrbaugh, Mary Clyne, Erin Gregory, Brianna Armstrong	Mentors: Dr. Matthew Willen Dr. Robert Wheelersburg



Session IV 2:30 PM-4:30 PM

Fourth Annual Symposium on Sustainability II		Gibble Auditorium
Interdisciplinary		Moderator: Dr. Tomás Estrada, Dr. Joseph Wunderlich
2:30 PM	Compost System Design for West Africa Community Gardens	# 300
Presenters:	Matthew Jadro, Richard Meyers, Cozette Zimmerman	Mentor: Dr. Kurt DeGoede
2:50 PM	Floating Wireless Water Quality Sensor for Lake Placida	# 301
Presenters:	Tucker Strausbaugh, Kelvin Jerry, Kyler Killinger, Alexander Barrow	Mentor: Dr. Joseph Wunderlich
3:10 PM	Hydroponic Gardens for Elizabethtown College Dining Services	# 302
Presenter:	Andrew Khela	Mentor: Dr. Joseph Wunderlich
3:30 PM	Art/Egr499 Architectural Design Studio Selected Projects	# 303
Presenters:	Margaret L. Brace; Brian C. Brennan; Kelly A. Bresnowitz; Sarah E. Fay; Michael C. Graziano; Brynne R. Kirsch; Greyson P. McDonald; Joseph J. Wunderlich; Kaylee N. Werner, Christine Mrozek	Mentors: Dr. Patricia Likos Ricci, Dr. Joseph Wunderlich, Brian Falcon AIA LEEP-AP
Honors in Education Symposium IV: Senior Honors Theses		H-110
Education		Moderator: Dr. Rachel Finley-Bowman
2:30 PM	Community Engaged Classrooms: Exploring Service Learning from a Fresh Perspective	# 308
Presenter:	Emily Curillo	Mentor: Dr. Matthew Skillen
Education		Paper Presentations H-110
3:10 PM	Creating Supportive Learning Environments for Students with Emotional and Behavioral Disorders	# 309
Presenter:	Alexandria Gustaitis	Mentor: Dr. Shannon Haley-Mize
3:50 PM	Connecting Home and School Use of Touch Technology	# 310
Presenter:	Kirsten Beyer	Mentor: Dr. Shannon Haley-Mize
English		Paper Presentations H-114
2:30 PM	America's Literary Judgment: Control of Women's Sexuality by Outsider's in <i>O Pioneers!</i> , <i>Their Eyes Were Watching God</i> , and <i>The Sound and the Fury</i>	# 313
Presenter:	Casey Quinto	Mentor: Dr. John Rohrkemper
2:50 PM	Surveillance Technology and Motifs in Modern Film Adaptations of <i>Hamlet</i>	# 314
Presenter:	Corinne McCarthy	Mentor: Dr. John Rohrkemper
3:10 PM	"Walk With a Purpose": A Non-Linear Story	# 315
Presenter:	Matt Walters	Mentor: Dr. Matthew Skillen
Occupational Therapy		Paper Presentations H-211
2:30 PM	Children and Families Think Tank: Program Development for a Youth Intervention Center	# 316
Presenters:	Kelsey Bayzick, Danielle Cockey, Emily Hornung, Jessica Krueger, Emily Martin, Lauren Neiswender, Bethany Panchak	Mentors: Dr. Judy Ericksen, Dr. Cristina Ciocirlan
2:50 PM	Social Interaction of Persons with Intellectual and Developmental Disabilities in the Summer Camp Setting	# 317
Presenter:	Heidi Weidemoyer	Mentor: Dr. Judy Ericksen

Occupational Therapy (continued) H-211

3:10 PM	Nonpharmacological Interventions with Sundowning Behaviors: The Role of Nursing and Activities Staff Members in a Skilled Nursing Facility	# 318
Presenter:	Robin Kreiser	Mentor: Dr. Tamera Humbert
3:50 PM	The Ipad: An Innovation for Education and Beyond	# 319
Presenter:	Sarah Masco	Mentor: Prof. Terri R. Dennehy

Religious Studies Paper Presentations H-212

2:30 PM	The Vatican and the Sangha: Implications of Roman Catholicism and Buddhism on Social Work Practice	# 321
Presenter:	Kristin Vines	Mentors: Dr. Jeffery Long, Dr. Susan Mapp
3:10 PM	Church World Service and Refugee Resettlement in Lancaster County: How Effective?	# 322
Presenter:	Caitlyn Whirt	Mentors: The Rev. Tracy Sadd, Dr. Kyle Kopko

Sociology and Anthropology Paper Presentations H-213

2:30 PM	Why Should I Go? The Effects of Peer Influence, Perceived Norms, and Class Standing on an Undergraduate Student's Attendance at Academic and Cultural Events on Campus	# 330
Presenter:	Emilee Rhubright	Mentor: Dr. Conrad Kanagy
2:50 PM	Oh-No Another Email: An Examination of The Electronic Helping Behavior of Undergraduate Students	# 331
Presenter:	Mallory Slusser	Mentors: Dr. Michele Lee Kozimor-King, Dr. Michael Roy
3:10 PM	Mary-Jane, Hot or Not? The Effects of Education, Sex, and Occupation on Views of the Legalization of Marijuana	# 332
Presenter:	Amanda Kling	Mentor: Dr. Michele Lee Kozimor-King
3:30 PM	Learning from Retreat: Examining the Outcomes of the Sophomore Year and Faculty/Staff Purposeful Life Work Retreats	# 333
Presenters:	Megan Ebert, Jennifer Frey, Amanda Kling, Gabriella Rossi, Aaron Rahn, Thatcher George	Mentor: Dr. Michele Lee Kozimor-King

Sociology and Anthropology Paper Presentations H-213

3:50 PM	Views of Supermom: The Effects of Level of Education and Sex on Gender Role Attitudes towards Work and Family Roles of Women	# 334
Presenter:	Amira Allen	Mentor: Dr. Michele Lee Kozimor-King
4:10 PM	If You Liked It, You Should've Put a Lease on It: The Effect of Views of Marriage on Women's Attitudes toward Cohabitation	# 335
Presenter:	Samantha Poremba	Mentor: Dr. Michele Lee Kozimor-King

Communications Department Panel H-214**Moderator: Dr. Matthew W. Telleen**

2:30 PM	At Home and Abroad: International Media Coverage in the United States and Ireland	# 336
Presenter:	Gwen Fries	Mentor: Dr. Matthew W. Telleen
2:50 PM	Power Play on Virtual Ice: How Hockey Fans Engage with Teams on Twitter	# 337
Presenter:	Karley Ice	Mentor: Dr. Matthew W. Telleen

Contemporary Issues in Communications: From User-generated Content to Investor Relations Communications			H-214
Moderators: Dr. Kirsten Johnson, Dr. Tamara Gillis			
3:10 PM	Citizen Journalists and Traditional Journalistic Norms	# 338	
Presenters:	Kelly Derbes, Jason Kelley, Abigail Piskel	Mentor: Dr. Kirsten Johnson	
3:50 PM	Social Media and Sports Reporting: A Content Analysis of Tweets during the Final Play of Super Bowl XLIX	# 339	
Presenters:	Jason Kelley, Abigail Piskel, Kelly Derbes	Mentor: Dr. Tamara Gillis	
4:10 PM	Cultivating the Next Generation of Investors through Social Media	# 340	
Presenters:	Abigail Piskel, Jason Kelley, Kelly Derbes	Mentor: Dr. Tamara Gillis	
Biology	Paper Presentation	H-214	
4:10 PM	Analysis of the Interaction between the Human Skin Microbiome and Its Environmental Surroundings	# 344	
Presenter:	Aurora Landis	Mentor: Dr. Debra Wohl	
Business	Paper Presentations	H-215	
2:30 PM	Analyzing a New Offline Coding System for KBA: A Market Penetration Approach for the US and Canada	# 345	
Presenters:	Katie Brumbach, Devoney Eller, Bryant Suksiritarnan	Mentor: Dr. Hossein Varamini	
3:10 PM	Feasibility of Expanding the Uses of Cassava to Improve Economic Well-Being of Farmers in Ghana	#346	
Presenters:	Stephanie Hartman, Santino Mangine	Mentor: Dr. Hossein Varamini	
3:50 PM	Developing a Business Plan for Empower Africa	#347	
Presenters:	Linh Chu, Ryan Clune	Mentor: Dr. Hossein Varamini	
FAPA	Posters	Masters Atrium	
2:30 PM	Effect of Ipad Versus Acoustic Drums on Social Skills and Playing during Group Drumming	# 360	
Presenters:	Marissa Aulenbach, Ashley Blaha, Marissa Harper	Mentor: Dr. Gene Behrens	
2:30 PM	Relationships among Personality, Imagery Type, and Self-Rating of Music and Imagery Outcomes	# 361	
Presenters:	Marissa Jones, Arianna Bendlin, Susan Messick	Mentor: Dr. Gene Behrens	
2:30 PM	Current Status of Music Therapy with Infants Diagnosed with Neonatal Abstinence Syndrome	# 362	
Presenter:	Marissa Jones	Mentors: Dr. Gene Behrens Dr. Kevin Shorner-Johnson	
2:30 PM	Using Song Stories to Influence Children's Coping, Knowledge, and Anxiety during Outpatient Procedures	# 363	
Presenter:	Marissa Aulenbach	Mentor: Dr. Gene Behrens	
2:30 PM	Use of Current and Past Popular Music for Song Discussion/Writing Experiences with Preteens	# 364	
Presenter:	Arianna Bendlin	Mentors: Dr. Gene Behrens Dr. Kevin Shorner-Johnson	
Communications	Photography Display at High Library	Winters Alcove	
	Through the Lens	# 370	
Presenter:	Justin Ahmad, Andrew Blank, Becky. Boa, Kelly Enterline, Karley Ice, Meghan Kreider, Quinn Nadu, Melissa Nanna, Joshua Peters, Kelci Scannapicco, Mikki Stewart, Jake Weber	Mentor: Dr. Katherine Hughes	

Tuesday, April 21, 2015

Leffler Chapel and Performance Center, 5:15 PM

PROGRAM

Welcome by Dr. James Haines

Grand Quartet in E Minor

Friedrich Kuhlau (1786-1832)

IV. Allegro Assai

Lizz Martin, Sarah McCollum, Cara Nunn, and Jenn Messner, flutes

La Promessa

Gioachino Rossini (1792-1868)

Sarah Kreider, soprano

Dr. Justin Badgerow, piano

Prelude in G-sharp Minor, op. 32, no. 12

Sergei Rachmaninov (1873-1943)

Mary Ludwig, piano

“Kommt ein schlanker Bursch gegangen” from *Der Freischütz* Carl Maria von Weber

(1786-1826)

Theresa Forcellini, soprano

Dr. Justin Badgerow, piano

Frippery No. 9 (Charleston)

Lowell E. Shaw (b. 1930)

Liz Boyer, Elena Peretti, Robert Codio, and Heidi

Weidemeyer, French horns

Six Etudes in the Form of a Canon, Op. 56

Robert Schumann (1810-1856)

(transcribed for piano four hands by Claude Debussy)

I. Pas Trop Vite

II. Avec Beaucoup d'expression

Rachel Suter, piano

Amanda Watson, piano

La Catedral

Agustin Barrios (1885-1944)

II. Andante Religioso

III. Allegro Solemne

Frank Zarefoss, guitar

Von ewiger Liebe

Johannes Brahms (1833-1897)

Genesis Bordner, soprano

The Ragtime Robin

George Hamilton Green (1893-1970)

Alex Gibboney, xylophone

Drei Gladkowski, piano

Faculty Sponsors

Dr. Paula Nelson, Dr. Anne Gross, Prof. David Knott, Dr. Justin Badgerow, Prof. Debra Ronning, Prof. David Cullen, Prof. Cheryl Staherski, Prof. Phyllis Drackley

The following students who are enrolled in TH 235, Voice for the Actor, will perform a selection of sonnets and dramatic monologues by William Shakespeare:

Theresa Forcellini

Samantha Kick

Nick Loschiavo

Emily Pike

Luke Smith

Kierra Swisher

Eric Yoder

Faculty sponsor: Dr. Michael Swanson



Occupational Therapy Graduate Research Symposium 2015

Masters Center

4:30 PM Reception-- Masters Atrium
 5:00 PM Welcome and Keynote Address-- Gibble Auditorium
 6:00 PM- 9:00 PM Presentations, Posters, Fieldwork Sessions

Presentations

6:15 PM	The Mutual Journey: Clinicians' Dynamic, Transformative and Meaningful Experiences of Therapeutic Use of Self in Occupational Therapy Practice	# 401a
Presenters:	Rebecca L. Anderson, B.S., MOTS; Kendra N. Beittel, B.S., MOTS; Emilia P. Costa, B.S., MOTS; Abigail M. Mitchell, B.S., MOTS; Emily S. Peters, B.S., MOTS; Sarah E. Williams, B.S., MOTS	Mentor: Tamera Keiter Humbert, D.Ed., OTR/L
6:15 PM	Childhood Dietary Modifications: The Role of Mothers in Creating Healthy Habits	# 401b
Presenters:	Michelle J. Beebe, B.S., MOTS; Kimberly E. Cosgrove, B. S., MOTS; Laura K. Kleindienst, B.S., MOTS	Mentors: Kerri Hample, OTD, OTR/L
7:05 PM	Children and Families Think Tank: Program Development for a Youth Intervention Center	# 401c
Presenters:	Jessica L. Krueger, B.S., MOTS; Emily E. Martin, B.S., MOTS; Lauren E. Neiswender, B.S., MOTS; Bethany H. Panchak, B.S., MOTS	Mentor: Judy B. Ericksen, Ph.D., OTR/L
7:35 PM	Childhood Dietary Modifications: The Role of Mothers in Creating Healthy Habits	# 401d
Presenters:	Michelle J. Beebe, B.S., MOTS; Kimberly E. Cosgrove, B. S., MOTS; Laura K. Kleindienst, B.S., MOTS	Mentor: Kerri Hample, OTD, OTR/L
8:05 PM	Children and Families Think Tank: Program Development for a Youth Intervention Center	# 401e
Presenters:	Jessica L. Krueger, B.S., MOTS; E. Martin, B.S., MOTS; Lauren E. Neiswender, B.S., MOTS; Bethany H. Panchak, B.S., MOTS	Mentor: Judy B. Ericksen, Ph.D., OTR/L
8:05 PM	The Mutual Journey: Clinicians' Dynamic, Transformative and Meaningful Experiences of Therapeutic Use of Self in Occupational Therapy Practice	# 401f
Presenters:	Rebecca L. Anderson, B.S., MOTS; Kendra N. Beittel, B.S., MOTS; Emilia P. Costa, B.S., MOTS; Abigail M. Mitchell, B.S., MOTS; Emily S. Peters, B.S., MOTS; Sarah E. Williams, B.S., MOTS	Mentor: Tamera Keiter Humbert, D.Ed., OTR/L



Occupational Therapy	Posters	Masters Atrium
6:15 PM	Accommodations Caregivers Implement when Rearing Children with Attachment and Sensory Processing Issues	#402a
Presenters:	Kelsey L. Frankenfield, B.S., MOTS; Taylor A. Wilson, B.S., MOTS	Mentor: Christine Achenbach, M.Ed., OTR/L
6:15 PM	A Comparison of Activities and Participation Across Three Cancer Types: Lung, Ovarian, and Metastatic Breast Cancer	# 402b
Presenters:	Monica Loranger, B.S., MOTS; Carly Stull, B.S., MOTS; Megan Tursi, B.S., MOTS	Mentor: Ann Marie Potter, M.A., OTR/L
6:15 PM	Knitting Social: Casting On, Catching Up, and Giving Back	# 402c
Presenters:	Eileen C. Cody B.S., MOTS; Caitlin S. Gardiner B.S., MOTS; Maria C. Spoerl B.S., MOTS	Mentor: Linda M. Leimbach, Sc.D., OTR/L, C/NDT
6:15 PM	Perceptions of Quality of Life after Stroke	# 402d
Presenters:	Jannessa R. Miller, B.S., MOTS; Jacqueline R. Nunn, B.S., MOTS; Kala M. Swope, B.S., MOTS	Mentor: Judy Ericksen, Ph.D, OTR/L
6:15 PM	Quality of Life After Stroke	# 402e
Presenters:	Kevin Aspril, B.S., MOTS; Kristina DiGaetano, B.S., MOTS; Nicole Soisson, B.S., MOTS	Mentor: Angela Salvadia, D. Ed., OTR/L
6:15 PM	Clinical Perspectives on the Utility of the Electronic-Hand Assessment Tool II (E-HAT II)	# 402f
Presenters:	Jennifer Bush, B.S., MOTS; Taylor Falin, B.S., MOTS; Lindsay Hetherington, B.S., MOTS	Mentor: Daniel Panchik, D.Sc., OTR/L; Kurt DeGoede, Ph.D.
6:15 PM	Developing the Electronic-Movement Analysis Tool (E-MAT): Detecting Changes in Tremor	# 402g
Presenters:	Christina Hoban, B.S., MOTS; Natalie Hrynkiewicz, B.S., MOTS; Jillian Miller, B.S., MOTS	Mentor: Daniel Panchik, D.Sc., OTR/L; Kurt DeGoede, Ph.D.
6:15 PM	Communication Preferences of Occupational Therapy Alumni of Elizabethtown College	# 402h
Presenters:	Rachel N. Little, B.S., MOTS; Brittany K. Russell, B.S., MOTS; Kelly B. Seibert, B.S., MOTS	Mentor: Deborah Waltermire, MHS, OTR/L



A

Abell, Thomas: 144
 Abouneqm, Claude: 144
 Adams, Chandler: 160
 Ahmad, Justin: 228, 370
 Albrecht, Jessica: 56
 Allen, Amira: 334
 Altares, Erin: 41, 58
 Amir, Sajid: 30
 Anderson, Rebecca: 401
 Appleby, Kaite: 229
 Armstrong, Brianna: 270
 Asakawa, Hiroki: 143
 Aulenbach, Marissa: 136, 241, 360, 363

B

Barrow, Alexander: 301
 Batory, Brent: 219
 Bayzick, Kelsey: 316
 Beebe, Michelle: 401
 Beittel, Kendra: 401
 Bendlin, Arianna: 137
 240, 361, 364
 Bessonett, Shannon: 61
 Beyer, Kirsten: 310
 Blaha, Ashley: 136, 360
 Blank, Andrew: 1, 370
 Bogush, Peter: 142
 Boia, R.J.: 1, 370
 Bordner, Genesis: 402
 Boretti, David: 145
 Borkowicz, Eric: 145
 Boyer, Liz: 402
 Brace, Meg: 1, 4, 303
 Brennan, Brian: 206, 303
 Bresnowitz, Kelly: 1, 303
 Brumbach, Katie: 345
 Buehl, Joshua: 160
 Bush, Jennifer: 402
 Buskirk, Tyler: 144
 Buxton, Josiah: 30

C

Callaghan, Molly: 109
 Carmichael, Dylan: 57

Chambers, Morgan: 41
 Chavanon, Samantha: 13
 Chavez, Alex: 143
 Choudhury, Muntabir
 Hasan: 160
 Chu, Linh: 347
 Cicero, Nina: 260
 Clari, Maria: 1
 Clark, Garrett: 4 233
 Clay, Erin: 143
 Cliatt, Kendall: 59
 Clune, Ryan: 347
 Clyne, Mary: 270
 Coats, Kyle: 160
 Cockey, Danielle: 316
 Codio, Robert: 402
 Cody, Eileen: 402
 Cohen, James: 141
 Conway, Ryan: 52
 Cook, Jennifer: 209
 Copros, Nathan: 160
 Cosgrove, Kimberly: 401
 Costa, Emilia: 401
 Cramer, Dustin: 204
 Curcio, Nicole: 6
 Curillo, Emily: 308
 Curtin, Daisy: 1
 Cusimano, Gina: 42

D

Davis, Kristopher: 49
 DeBlock, Taylor: 160
 Decker, Seth: 142
 Del Gaudio, Marisa: 46
 Dennin, Zachary: 160
 Derbes, Kelly: 323, 324, 325
 Devoney, Eller: 227
 Diaz, Brandon: 24 144
 Diehl, Lindsay: 53
 Dinh, Diep: 144
 Dose, Kevin: 47
 Donahue, Mary Nell: 1
 Doran, Alexandra: 54
 Dotson, Dillon: 160
 Durofchalk, Patrick: 160

E

Ebert, Megan: 333
 Edwards, Ashley: 131

Eichelberger, Tamara: 231
 Eller, Devoney: 345
 Engelbrecht, Gillian: 22
 Enterline, Kelly: 1, 370
 Esteves, Daniel: 160

F

Fackler, Kyle: 144
 Failing, Gates: 221
 Falin, Taylor: 402
 Fay, Sarah: 203, 303
 Ferrante, Tiana: 211
 Fevre, Martin: 146
 Finnegan, Samantha: 234
 Fitzgerald, Tommy: 1
 Flamand, Taylor: 234
 Fletcher, Andrew: 160
 Flickinger, Nathaniel: 204
 Flynn, Brighid: 113, 211, 214
 Foery, David: 160
 Foose, Lisa: 55
 Forcellini, Theresa: 402
 Frankenfield, Kelsey: 402
 Frees, Anastasia: 254
 Frey, Austin: 143
 Frey, Jennifer: 333
 Frey, Matthew: 204
 Fries, Gwen: 218 220 321
 Frisch, Ellyn: 1
 Froh, Alicia: 261
 Fuller, Sarah: 6
 Furman, Kayla: 225

G

Garbellano, John: 219
 Gardiner, Caitlin: 402
 George, Thatcher: 333
 Gibboney, Alex: 402
 Gilley, Christina: 74
 Girsch, Emily: 43
 Gladkowski, Drei: 402
 Gorenberg, Kevin: 142
 Graziano, Michael: 202, 203, 303
 Gregory, Erin: 270
 Gresh, Daniel: 201

Gruber, Troy: 52
 Gushue, William: 144
 Gustaitis, Alexandria: 309

H

Hahn, Jonathan: 235
 Hakun, Kyle: 142
 Harley, Tetiena: 126
 Harper, Marissa: 136, 360
 Harris, Brandon: 204
 Hartman, Andres: 145, 201
 Hartman, Stephanie: 346
 Hess, Julie: 144
 Hetherington, Lindsay: 402
 Hoban, Christina: 402
 Hoening, Christoph: 147
 Hofstedt, Michael: 160
 Hogarth, Jamey: 143
 Holbert, Alex: 151
 Hollister, John: 142
 Hopkins, Jamie: 132
 Hornung, Emily: 316
 Horting, Erin: 72
 Hower, Lauren: 11
 Hryniewicz, Natalie: 402
 Humme, Ryan: 160

I

Iacono, Alex: 45
 Ice, Karley: 322, 370

J

Jadro, Matthew: 300
 Jensen, Matt: 1
 Jerry, Kelvin: 301
 Jones, Marissa: 137, 242, 361, 362
 Joyner, Mattie: 1

K

Keady, Andrea: 70
 Kearns, Haley: 53

Kelley, Jason: 323, 324, 325
 Kelly, Erin: 73
 Kennedy, Sarah: 213
 Kenney, William: 142
 Keynton, Samantha: 39
 Khela, Andrew: 302
 Kick, Samantha: 402
 Killinger, Kyler: 301
 Kim, Kimberly: 142
 Kirsch, Brynne: 206, 303
 Kleindienst, Laura: 401
 Kling, Amanda: 332, 333
 Koehler, Kieran: 142
 Koerber, Matthew: 160
 Koons, Kyler: 215
 Kopar, Lia: 21
 Kreider, Meghan: 1, 370
 Kreider, Sarah: 402
 Kreiser, Robin: 318
 Krueger, Jessica: 316, 401
 Kuczma, Megan: 224
 Kyger, Phillip: 143

L

Landis, Ashley: 152
 Landis, Aurora: 344
 Lane, Jonathan: 160
 Lazzarini, Gaia: 160
 Lecurieux Lafayette, Paul: 160
 Leidy, Jessica: 26, 116
 Lescavage, Jared: 160
 Light, Jeffrey: 142
 Limpas Parada, Carla: 147
 Little, Rachel: 402
 Loranger, Monica: 402
 Loschiavo, Lick: 402
 Luckenbill, Taylor: 127, 211
 Ludwig, Mary: 402

M

MacDonald, Gabriel: 160
 MacMain, Jamison: 219
 Mahan, Max: 142

Mangine, Santino: 346
 Marlowe, Nathaniel: 211
 Marshall, Shanise: 4
 Martin, Benjamin: 144
 Martin, Emily: 316, 401
 Martin, Leah: 128
 Masco, Sarah: 319
 Mason, Emily: 75
 McCarron, Sarah: 41, 222
 McCarthy, Corinne: 314
 McDevitt, Dillon: 43
 McDonald, Greyson: 303
 McGonigle, Vincent: 23
 McMahan, Joshua: 143
 McManus, Elizabeth: 42
 Meier, Casey: 51
 Mercer, Carly: 41
 Messick, Susan: 137, 361
 Meyers, Richard: 300
 Miguez Dominguez, Gonzalo: 144
 Miller, Jannessa: 402
 Miller, Jessie: 41
 Miller, Jillian: 402
 Mitchell, Abigail: 401
 Moore, Kelly: 1
 Moulton, Wendy: 211
 Mrozek, Christine: 1, 60, 205, 303
 Mundorff, Samantha: 58
 Musser, Summer: 160

N

Nadu, Quinn: 370
 Nanna, Melissa: 1, 370
 Nanovic, Sarah: 250
 Neiswender, Lauren: 316, 401
 Nelson, Danielle: 1, 40, 253
 Nelson, Jordan: 160
 Nelson, Rebecca: 1
 Nunn, Jacqueline: 402

O

Olsen, Rebecca: 112
 Ormsbee, Kendra: 41
 Overfield, Emily: 260

P

Pacy, John: 143
 Pallante, Evan: 160
 Panchak, Bethany: 316, 401
 Panetta, Christopher: 217
 Paul, Steven: 135, 233
 Pauzer, Christopher: 141
 Peeters, Christian: 144
 Peiffer, Marla: 120

Peiffer, Melissa: 153
 Peretti, Elena: 402
 Peters, Emily: 401
 Peters, Joshua: 370
 Petrowski, Tayler: 14
 Pike, Emily: 402
 Piskel, Abigail: 323, 324, 325
 Pool, Kelly: 251, 252
 Poremba, Samantha: 335
 Pumputis, Alyssa: 160

Q

Quinto, Casey: 313

R

Rahn, Aaron: 333
 Rajkowski, Maria: 233
 Rhubright, Emilee: 330
 Rinehart, Joshua: 143
 Robbins, Tyler: 143, 160
 Rodgers, Martin: 160
 Rohrbaugh, Kara: 270
 Rojas, Cesar: 145
 Romagnoli, Sarah: 1
 Rossi, Gabriella: 333
 Rozman, Katharine: 6
 Rucci, Matthew: 234
 Ruck, Rachel: 58
 Rudesill, Braden: 29
 Ruiz, Miguel: 134
 Russell, Brittany: 402
 Ryan, Christopher: 150

S

Salgado, Cristian: 141
 Scannapieco, Kelci: 370

Schick, Ryan: 160
 Schlegel, Mitchell: 160
 Schnudle, Blake: 235
 Schwark, Ryan: 252
 Schweibenz, Colby: 223
 Seibert, Kelly: 402
 Sevaried, Alexandra: 1
 Shuck, Jerica: 121
 Pauzer, Christopher: 141
 Signora, Justin: 145
 Sisler, Dylan: 145
 Slusser, Mallory: 331
 Smith, Luke: 211
 Sneringer, Marissa: 48
 Snyder, Tori: 1
 Specht, Michael: 142
 Specht, Nicholas: 142
 Spoerl, Maria: 402
 Statham, Otis: 160
 Stegna, Holly: 124
 Steinberg, Ben: 44
 Sten, Alexander: 160
 Stephens, Luke: 143
 Stewart, Melissa: 1
 Stewart, Mikki: 370
 Stiklickas, Mikaela: 160
 Stratton, Nicholas: 142
 Strausbaugh, Tucker: 301
 Strayton, Adam: 160
 Stull, Carly: 402
 Suksiritaman, Bryant: 345
 Suter, Rachel: 402
 Sweger, Jacob: 143
 Swisher, Kierra: 402
 Swope, Kala: 402
 Szczawinski, Andruw: 160

T

Tackels, Kaitlin: 110
 Tachner, Alexander: 1
 Testino, Ashley: 11
 Thalathoti, Samuel: 50
 Thapaliya, Bhim: 117
 Thomas, Sarah: 19
 Tretter, Stephanie: 152
 Tursi, Megan: 402
 Twist, Michael: 143

U

Uminski, Crystal: 226

V

Vasas, Emily: 20, 220
 Vines, Kristin: 321
 Vogt, Meghan: 6

W

Wagner, Amy: 154
 Wagner, Nicholas: 144
 Walter, Faith: 210
 Walters, Matt: 315
 Watson, Amanda: 123
 402
 Weaver, Samuel: 216
 Weber, Ethan: 220
 Weber, Jake: 370
 Weidemoyer, Heidi:
 317, 402
 Weikel, Dante: 1

Werner, Kaylee: 141,
 202, 303
 West, Emily: 122, 235
 Whirt, Caitlyn: 341
 Williams, Sarah: 401
 Wilson, Taylor: 402
 Wingert, Samuel: 235

X

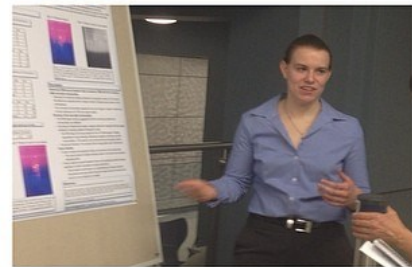
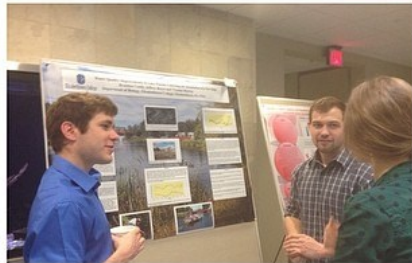
Xanthopoulos, Kaitlyn:
 232

Y

Yankelevich, Gabrielle:
 153
 Yoder, Eric: 402

Z

Zarefoss, Frank: 402
 Zimmerman, Cozette:
 300





2015 Scholarship and Creative Arts Days Committee

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

-
- | | |
|--|--|
| <ul style="list-style-type: none">• Kurt Barnada• Mahua Bhattacharya• Allison Bridgeman• Christina Ciocirlan• Kathy Christopher• Tomás Estrada• Ron Heasley• Tamara Humbert• Louise Hyder-Darlington• Caroline Lalvani• Fletcher McClellan• Paige Neidig• Emma Neuhauser | <ul style="list-style-type: none">• Brian Newsome (Chair)• Carol Ouimet• Debra Ronning• Angela Salvadia• Donna Talarico• Jesse Waters• Richard Wolf-Spencer• Dan Yabut• Jodi Yorty |
|--|--|
-



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.

2015 Anna Carper Award Winner

Corinne McCarthy

Honorable Mentions:

Eric Zimmerman

Taylor Stefovic



Cover by Taylor Luckenbill `15

Congratulations to Taylor Luckenbill `15, winner of the 2015 Scholarship and Creative Arts Days program cover contest! Luckenbill also won the cover contest in 2012.

Artist Statement:

"Chaos. It is what we all go through at some point or another at college. Chaos does not have to be a bad thing. It can be a multitude of different thoughts bound together from the central need to learn, to create, to inspire. Chaos can be swirls of colors, mixed mediums, and strange faces. This happens to be one such piece, created from acrylic paint, black ink, chalk, and pastels on cardboard. There is beauty in the diversity and complexity that make up the faces of Elizabethtown College. Find that beauty wherever life takes you."

The Scholarship and Creative Arts Days Committee also congratulates the following students, who were recognized with honorable mentions for their entries:

Andrew Fry and Nate Williams

Amelia Schaeffer