

9TH ANNUAL
**SCHOLARSHIP &
CREATIVE ARTS DAY**



April 18 & 19

etown.edu/programs/scad/



[#etownscad16](https://twitter.com/etownscad16)



Welcome to Elizabethtown College's 9th 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 2015-2016. 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 to 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 18, 2016

- Peace Education Symposium—5:00 PM Nicarry 106
- 29th Annual Juried Student Art Show—5:00 PM Lyet Gallery in Leffler Chapel
- Occupational Therapy Graduate Research Symposium—5:00 PM Masters Atrium and Gibble Auditorium in the Masters Center
- Showcase Music Recital—7:30 PM Musser Auditorium in Leffler Chapel



Tuesday, April 19, 2016

Showcase of Scholarship Presentations 8:00 AM to 5:10 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.



Keynote Event: Panel Discussion led by Dr. Fletcher McClellan

11:00 AM to Noon

Musser Auditorium, Leffler Chapel



Scholarship and Creative Arts Days Closing Reception

5:15 PM to 6:15 PM

To Honor Student Presenters and their Mentors
&
Celebrate High Library's 25th Anniversary



29th Annual Juried Student Art Show

Lyet Gallery at Leffler Chapel and Performance Center

Monday, April 18, 5:00 PM

**Monday
5:00 PM**

29th Juried Art Show

M1

Presenters:

Rebecca Ast, Maria Anderson, Shane Bahn, Kelly Bergh, Conrad Bourdeau, Kelly Bresnowirz, Renee Ciardullo, Shaelyn Divins, Mary Nell Donahue, Paige Forney, Carly Foster, Kacie Hallman, Annemarie Hartzell, Mattie Joyner, Anne Kelly, Meghan Kreider, Kayleigh Kuykendall, Lauren McQue, Kelly Moore, Alexandra Von Otto, Nolan Ovelman, Madisyn Palmer, Lindsay Ries, Sarah Romagnoli, Christina Rupp, Crystal Sauer, Dante Sarracino, Alli Severeid, Otis Statham, Dante Weikel, Boddy Wilcox, Kristina Worobey, Zitong Zhu

Mentors:

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

Opening Reception: 29th Annual Student Art Show in Lyet Gallery on April 7, 2016

The opening reception for the 29th Annual Juried Student Art Show took place on Thursday, April 7, 2016 in Lyet Gallery. Juror Richard Huck, a retired public school art teacher, selected works from multiple categories. Awards sponsored by Gary Segal were announced during the reception. The exhibit runs through Sunday, April 24, 2016.



Photos from Art Show 2015



2016 Peace Education Symposium

N-106

5:00 PM ***Cultural Symbolism and Educational Policy Outcomes*** **# M2a**

Presenters: Kirsten Ambrose, Carly Egberts, Patricia Halpin, Kimberly Melito, Josephine Stommel Mentor: Dr. Rachel Finley-Bowman

5:40 PM ***Peace Pedagogy*** **# M2b**

Presenters: Virginia Constantinou, Anna Downey, Kendra Strickler, Lauren Van Pelt Mentor: Dr. H. Elizabeth Coyle

6:20 PM ***Comparative Inclusive Frameworks*** **# M2c**

Presenters: Sarah Edelman, Sarah Fuller, Sara Poole Mentor: Dr. Shannon Haley-Mize

Occupational Therapy Graduate Research Symposium 2016

Expanding Knowledge: Using Research to Enhance Lives

Masters Center

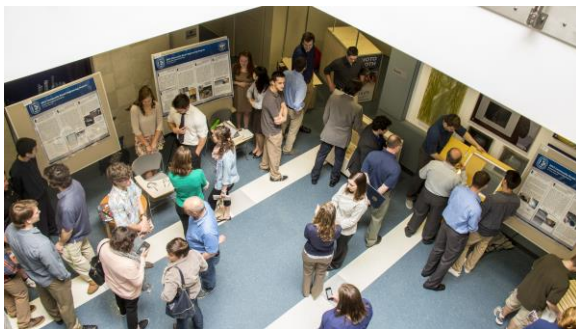
5:00 PM-6:00 PM **Reception and Keynote**
Masters Atrium and Gible Auditorium

6:00 PM- 9:00 PM **Presentations, Posters**

Presentations

6:20-6:45pm	Primary Caregivers of Children with and without Autism: Comparing Meal Planning and Food Shopping	E270 #M3a
Presenters:	Megan Feehrer, B.S., MOTS; Savannah Lee, B.S., MOTS	Mentor: Kerri Hample, OTD, OTR/L
6:50-7:15 pm	Physical Activity in Children with and without Congenital Heart Defects	E270 #M3b
Presenters:	Nicole Carlin, B.S., MOTS; Andrea Keady, B.S., MOTS; Emily Mason, B.S., MOTS	Mentor: Deborah Waltermire, M.H.S., OTR/L
7:20-7:45pm	Clients' Perspectives of Meaningful Healthcare Relationships	E270 #M3c
Presenters:	Jennifer N. Brandt, B.S., MOTS; Katelyn A. Colyer, B.S., MOTS; Erin M. Kelly, B.S., MOTS	Mentor: Tamera Keiter Humbert, D.Ed., OTR/L
6-6:45pm	Safe Patient Handling and Mobility in Occupational Therapy: Current Practices and Moving Forward	Gible #M3d
Presenters:	Victoria Giaquinto, B.S., MOTS; Christina Gilley, B.S., MOTS; Robin Kreiser, B.S., MOTS; Rebecca Lane, B.S., MOTS; Hunter Smith, B.S., MOTS; Victoria Snyder, B.S., MOTS	Mentor: Linda M. Leimbach, Sc.D., OTR/L
6:50-7:15pm	Reality Television: Implications for Patient Education in Occupational Therapy	Gible #M3e
Presenters:	Nicole Cwiertniewicz, B.S., MOTS; Kathryn Joe, B.S., MOTS; Meghan Sarik, B.S., MOTS	Mentor: Terri Dennehy, M.Ed., OTR/L
7:20-8:05pm	Truckin' Along: Occupational Therapy and Wellness	Gible #M3f
Presenters:	Sam Bruno, B.S., MOTS; Allison Kelly, B.S., MOTS; Carolyn Leedy, B.S., MOTS; Payton Marunich, B.S., MOTS; Rebecca Patten, B.S., MOTS; Kristen Russ, B.S., MOTS	Mentors: Ann Marie Potter, M.A., OTR/L; Debbie Waltermire, M.H.S., OTR/L
8:10-8:55pm	Perspectives on a Wellness Program for Female Adolescents At-Risk	Gible #M3g
Presenters:	Colette Hinton, B.S., MOTS; Brittany Ricedorf, B.S., MOTS; Jaina Shirk, B.S., MOTS; Megan Stauffer, B.S., MOTS	Mentor: Judy B. Ericksen, Ph.D., OTR/L

Posters		Esbenshade
6-7 pm & 8:30-9 pm	Autism, Dietary Modifications, and the Social Participation and Roles of Caregivers: A Comparison Study Presenters: Leah Newman, B.S., MOTS Mentor: Kerri Hample, OTD, OTR/L	E360 #M3h
6-7pm & 8:30-9pm	Developing the Electronic-Movement Analysis (E-MAT): Detecting Tremor and Displaying its Severity Presenters: Kelsey Nicastro, B.S., MOTS; Sarah Orris, B.S., MOTS; Stacey Stepp, B.S., MOTS; Devin Drennen – Computer Science Major; Omar Zabala-Ferrera – Computer Engineering Major Mentors: Daniel Panchik, D.Sc., OTR/L; Kurt DeGoede, Ph.D.	E362 #M3i
6-7pm & 8:30-9pm	Early Intervention and Nutrition Education: Occupational Therapists' Perspectives Presenters: Erin Horting, B.S., MOTS; Caitlin Moffitt B.S., MOTS; Jordan Nowacki, B.S., MOTS Mentor: Kerri Hample, OTD, OTR/L	E360 #M3j
6-7pm & 8:30-9pm	The Effect of Exercises on Breast Cancer-Related Lymphedema: A Systematic Review Presenters: William Hermann, B.S., MOTS; Sarah Masco, B.S., MOTS; Patrice Zinnikas, B.S., MOTS Mentor: Daniel Panchik, D.Sc., OTR/L	E373 #M3k
7-8:30pm	Assessing Sensory Processing Disorder Characteristics in Pediatric Populations Using the Brain-Body Center (BBC) Sensory Scale Presenters: Kristen Brosie, B.S., MOTS; Hannah Heritage, B.S., MOTS; Marla Peiffer, B.S., MOTS Mentor: Nancy Carlson-Steadman, Ph.D., OTR/L	E360 #M3l
7-8:30pm	Exploring Effects of Electroencephalographic Neurofeedback on Anxiety and Occupational Performance: A Single Case Study (7-8:30) Presenters: Maureen Docker, B.S., MOTS; Erin N. Kelly, B.S., MOTS; Heidi Weidemoyer, B.S., MOTS Mentor: Christine Achenbach, M.Ed., OTR/L	E362 #M3m
7-8:30pm	Quality of life after Stroke: A Thematic Analysis Presenters: Beth Hildebrand, B.S., MOTS; Sabrina Light, B.S., MOTS; Amanda Wenrich, B.S., MOTS Mentor: Angela Salvadia, Ed.D., OTR/L	E373 #M3n



Monday, April 18, 2016

Leffler Chapel and Performance Center, 7:30 PM

PROGRAM

Welcome by Dr. James Haines

Sonata No. 4, op. 128

Dianne Goolkasian Rahbee (b. 1938)

IV. Ruvido

Ashley Doron, piano

24 Preludes, op. 11

Alexander Scriabin (1872-1915)

Prelude No. 23 in F major

Prelude No. 24 in D minor

Kory Hilpmann, piano

Students from DA201, Ballet II

Becca Dierken, Gabrielle English, Mary Ludwig,

Morgan Reed, and Abby Whitmoyer

Kristin Pontz, director

Liebst du um Schönheit

Clara Schumann (1819-1896)

Meghan Sova, soprano

Dr. Justin Badgerow, piano

Time Pieces for Clarinet and Piano

Robert Muczynski (1929-2010)

I. Allegro Risoluto

Tamantha Drexel, clarinet

Dr. Justin Badgerow, piano

The Four Seasons

Astor Piazzolla (1921-1992)

IV. Winter

Julie Pham, violin

Jennifer Noyd, cello

Steven Roldan, piano

A Bright Room Called Day

Tony Kushner

Agnes Egg

Vealtninc Husz

Gregor Bazwald (Baz)

played by Jade Bartlett

played by Connor Burke

played by Daryl Becker

Michael Swanson, director

Sonata for Tenor Saxophone and Piano

Arthur Frackenpohl (b. 1924)

II. Slowly

III. Fast

Cody Thompson, tenor saxophone

Dr. Justin Badgerow, piano

Toccata in E-Flat Minor

Aram Khachaturian (1903-1978)

Amanda Watson, piano

Suite for Flute and Jazz Piano

Claude Bolling (b. 1930)

I. Baroque and Blue

Emily Mountain, flute

Elizabeth Martin, bass

Jesse Appel, drum set

Dr. Justin Badgerow, piano

Music student Faculty Sponsors

Dr. Justin Badgerow

Dr. Anne Gross

Dr. Paula Nelson

Prof. Debra Ronning

Prof. Faith Shiffer

Please refrain from texting, computer usage, or flash and video photography during this performance.



Tuesday, April 19, 2016

Showcase of Scholarship Presentations

Presentations, Panel Discussions, Posters, Portfolios, Exhibits: Hoover Lobby and lecture rooms, Leffler Chapel, Masters Atrium, Gible Auditorium in Masters Center, Winters Alcove in High Library, Track Infield.

Session I 8:00 AM to 9:20 AM

- Honors in Education Symposium Session 1
- Religious Studies Senior Research
- Social Work Honors Presentations
- Occupational Therapy—Honors in the Discipline
- Business
- The Amish and Moderns— The Dynamic Engagement of Cultures 1- Sociology and Anthropology
- Biology-Honors in the Discipline
- Political Science Research Methods Survey Results 1
- Music Therapy Research
- Chemistry
- History



Session II 9:30 AM to 10:50 AM

- Honors in Education Symposium Session 2
- Women, Gender and Hebrew Bible—Religious Studies Panel
- Social Work—Honors in the Discipline
- Social Work
- Occupational Therapy
- Business
- The Amish and Moderns— The Dynamic Engagement of Cultures 2- Sociology and Anthropology
- Chemistry—Honors in the Discipline
- International Studies
- Fine Arts
- Biology
- Music Therapy



Keynote Event: Discussion Panel

11:00 AM to 12:00 PM

Musser Auditorium, Leffler Chapel

Lunch Break 12:00 PM to 1:00 PM

Solar Powered Electric Racers, Track Infield



Session III 1:00 PM to 3:00 PM

- Education
- 5th Annual Symposium on Sustainability Session—Engineering Panel
- Media Influence on Current Events
- Curses Ancient and Modern— Student Fiction
- Interdisciplinary Studies in Literature
- Sociology and Anthropology
- From Anime to Zen—Modern Languages (Japanese)
- Modern Languages—Japanese
- Political Science Research Methods Survey Results 2
- Music Therapy Research
- Occupational Therapy
- Psychology



Session IV 3:10 PM to 5:10 PM

- Honors in Education Symposium Session 3
- Religious Studies
- Communications—Honors in the Discipline
- Communications
- Mathematics
- Mathematics—Honors in the Discipline
- Computer Science
- Shakespeare—English
- Stories of Men Under Pressure
- Modern Languages—French, Spanish, German
- Philosophical Mindcraft—Ethical Investigation
- Psychology
- Music in Culture— Examining Structures, Stigmatization, and Power
- Engineering



Scholarship and Creative Arts Days Closing Reception

5:15pm-6:15 pm in The High Library

To Honor Student Presenters and their Mentors

&

Celebrate High Library's 25th Anniversary

Presentation of Anna Carper Excellence in Library Research Award



Dr. Colin Helb is Associate Professor of Communications, Program Director of the Film Studies Minor, and Faculty Advisor of WWEC, Elizabethtown College's student operated radio station. He is the President of the Mid-Atlantic Popular & American Culture Association and Area Chair of Internet Culture for the Popular Culture Association. Dr. Helb's research interests include media representation, the history of media technology, and popular culture.

Dr. Kyle C. Kopko is Director of the Honors and Pre-Law Programs, and Assistant Professor of Political Science at Elizabethtown College. He regularly teaches courses on American politics, constitutional law, and judicial behavior. He is the co-author of the book, "The VP Advantage: How Running Mates Influence Home State Voting in Presidential Elections" (Manchester University Press). His research has been featured in the Wall Street Journal, The Washington Post, The New York Times, the National Law Journal, C-SPAN, and Fox News Channel.



Dr. Dmitriy Krichevskiy joined Etown faculty in 2011. He obtained his Ph.D. from Florida International University and has research interests in entrepreneurship, labor, applied microeconometrics, and education. Prior to academic career Dr. Krichevskiy worked in the hospitality industry and in various consulting capacities. He currently teaches courses in macroeconomics, microeconomics, game theory, econometrics, family business, and data mining.

Dr. Brian Newsome is Associate Professor of History and Assistant Dean for General Education and Assessment. He earned his Ph.D. from the University of South Carolina and specializes in French history. Newsome received the New York State Association of European Historians' Bailey Prize for his article entitled "[The Women of the Pavillons: A Case Study](#)" (*Historical Reflections/Réflexions historiques*, Winter 2012). His current project, which McGill-Queen's University Press will publish in May 2016, is a new translation and annotated edition of [Invasion 14](#), French novelist Maxence Van der Meersch's renowned account of the German occupation of northern France during World War I.



Dr. Sanjay Paul teaches introductory and advanced courses in economics, including international economics and economic development. He has developed study tours to Geneva and New York (United Nations), Brussels (European Union) and Bangladesh (Yunus Centre). His research interests include globalization, trade policy and innovation. He writes on economic issues for the regional newspaper, academic issues for the college newspaper, and whatever interests him in his blog. He has a Ph.D. in economics from the State University of New York, Buffalo, and Bachelor's of Technology in Civil Engineering from the Indian Institute of Technology, Madras.

Fletcher McClellan

Explaining the Trump Phenomenon: Interdisciplinary Perspectives

Dr. Fletcher McClellan will be the moderator for the Panel of keynote speakers at the 9th annual Scholarship and Creative Arts Days at Elizabethtown College.



Led by Dr. McClellan, Elizabethtown College faculty

members will discuss Donald Trump's candidacy for the Republican presidential nomination, Trump's surprising political success, and what it means from a variety of disciplinary perspectives.

Dr. Fletcher McClellan is Dean of Faculty and Professor of Political Science. A member of the Elizabethtown faculty for over 30 years and dean since 2010, he has served in many leadership roles at the college, including Interim Provost on two occasions. He has presented dozens of papers in such areas as the American presidency, politics and film, and teaching and learning in political science. Co-authored with Dr. Kyle Kopko and others, his article on the Presidential Medal of Freedom was featured last December in the New York Times. Additionally, he offers commentary on current politics for area media outlets.

Keynote Event

Leffler Chapel, 11:00 AM

9th Annual Scholarship and Creative Arts Days

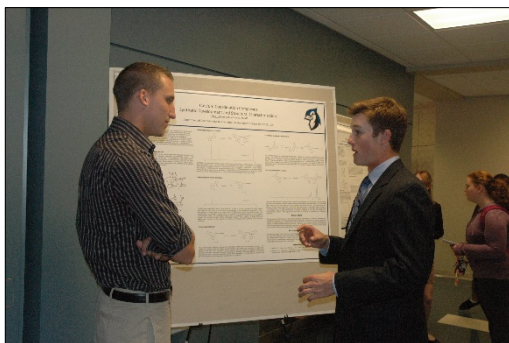
Session I 8:00 AM-9:30 AM

Education		Honors in Education Symposium Paper Presentation	N-127
		Panel Moderator(s): Dr. H. Elizabeth Coyle	
8:00 AM	Honors in the Discipline Junior Candidates Poster Session		# 1
Presenters:	Nathaniel Andes, Allison McLamb, Ashlee Punte, Kayla Robinson, Casey Shedlock		Mentor: Dr. H. Elizabeth Coyle
Religious Studies		Religious Studies Senior Research	H-107
		Panel Moderator(s): Dr. Christina Bucher	
8:00 AM	Theological Legacies of the Vatican Councils		# 3
Presenter:	Sarah Miller		Mentor: The Rev. Tracy Sadd
Religious Studies		Religious Studies Senior Presentations	H-107
		Panel Moderator(s): Dr. Christina Bucher	
8:40 AM	Religious Symbolism and its Reinterpretation in the Modern Age: the Swastika, the Serpent, and the Eye		# 4
Presenter:	Caryn Zwart		Mentor: Dr. Jeffery Long
Social Work		Social Work Honors Presentations	H-110
		Panel Moderator(s): Dr. Susan Mapp	
8:00 AM	Cross-Cultural Analysis of Family Planning - India & China		# 6
Presenter:	Kayla Sivi		Mentors: Dr. Susan Mapp, Dr. Oya Ozkanca
8:40 AM	Comparative Policy Analysis of Mexican and United States Policies Towards Children in Street Situations		# 7
Presenter:	Emily Hornung		Mentor: Dr. Susan Mapp
Occupational Therapy		Occupational Therapy - Honors in Discipline	H-114
		Panel Moderator(s): Ms. Terri Dennehy	
8:00 AM	Current Practices in Parkinson's Disease Rehabilitation: Occupational Therapy's Take on Movement with a Purpose		# 11
Presenters:	Sara Fronheiser, Nicole Corcoran		Mentor: Ms. Terri Dennehy
8:40 AM	An Exploration into Cardiac Rehabilitation: An Occupational Therapy Perspective		# 12
Presenter:	Jenna Nguyen		Mentor: Ms. Terri Dennehy
Business		CFA Research Challenge	H-211
		Panel Moderator(s): Dr. Emma Neuhauser	
8:00 AM	A Comprehensive Analysis of Toll Brothers, Inc. I		# 15
Presenters:	Lydia Dearie, Isaac Martin, Mihn N. Hoang, Tien. T Hoang, Trung Q. Le		Mentor: Dr. Hongsong (Emma) Neuhauser
8:20 AM	A Comprehensive Analysis of Toll Brothers, Inc. II		# 16
Presenters:	Jameson Weaver, Joshua Peters, Hoa Nguyen, Kasey Dietrich, Linh Nguyen		Mentor: Dr. Hongsong (Emma) Neuhauser

Department of Business		Paper Presentation	H-211
9:00 AM	Storytelling in Advertising: The Role of Character in Consumer Perception		# 18
Presenter:	Lindsay Sympson	Mentor: Dr. Bryan Greenberg	
The Amish and Moderns: The Dynamic Engagement of Cultures			H-212
Sociology and Anthropology		Panel Moderator(s): Dr. Conrad L. Kanagy	
8:00 AM	Rare Treasures		# 21
Presenter:	Rebekah Kroll	Mentor: Dr. Conrad Kanagy	
8:20 AM	Amish Work		# 22
Presenter:	John Garbellano	Mentor: Dr. Conrad Kanagy	
8:40 AM	Submissive Similarities: A Comparative Analysis of Amish and Modern Societies		# 23
Presenter:	Courtney Shaffer	Mentor: Dr. Conrad Kanagy	
9:00 AM	"Real World" Education in Amish and English Societies		# 24
Presenter:	Jerica Shuck	Mentor: Dr. Conrad Kanagy	
Biology		Biology Honors in the Discipline	H-213
		Panel Moderator(s): Dr. Jane Cavender	
8:00 AM	Cannabinoid Receptor 2 Expression and its Role in Tumorigenesis		# 26
Presenters:	Nathaniel Williams, Andrew Fry	Mentor: Dr. Jane Cavender	
8:10 AM	The TORC1 Complex and Neurogenesis in Hydra		# 27
Presenter:	Ryan Schwark	Mentor: Dr. Diane Bridge	
8:20 AM	Macroinvertebrate Diversity and Sediment Composition in the Conewago Creek.		# 28
Presenters:	Kaitlin McDonald, Amber Chausee	Mentor: Dr. Thomas Murray	
8:30 AM	Microbial Resuspension in the Indoor Built Environment: The Role of Flooring Materials and Anthropogenic Traffic on Taxonomic Diversity		# 29
Presenter:	Gates Failing	Mentor: Dr. Debra Wohl	
8:40 AM	Characterization of Variation in Human Oral Cavity Microbiome with Oral Health		# 30
Presenter:	Phillip Belder	Mentor: Dr. Debra Wohl	
8:50 AM	Hollywood Science in the High School Classroom: Evaluation of WALL-E, Gattaca, and The Day After Tomorrow		# 31
Presenter:	Crystal Uminski	Mentor: Dr. David Bowne	
Political Science		Political Science Senior Research	H-214
		Panel Moderator(s): Dr. April Kelly-Woessner	
8:00 AM	Undergraduate Performance: Is Economic Status a Factor?		# 32
Presenter:	Jonathan Hahn	Mentor: Dr. April Kelly-Woessner	
8:20 AM	Funding Cancer Research: The Role of Politics		# 33
Presenter:	Janelle Hawthorne	Mentor: Dr. E. Fletcher McClellan	
8:40 AM	We Have the Power: Student Activism, Perception of Value, & Debt		# 34
Presenter:	Colleen Taylor	Mentor: Dr. April Kelly-Woessner	
9:00 AM	Children of the State: The Institutional and Cultural Factors in China's Olympic Training Program		# 35
Presenter:	Nicole McGlyn	Mentor: Dr. Dan Chen	

FAPA			H-215
Fine and Performing Arts			Panel Moderator(s): Dr. Gene Behrens
8:00 AM	Accuracy of Identifying Emotional Content in Music when Performed by Different Instruments	# 36	
Presenter:	Amanda Watson	Mentor: Dr. Gene Behrens	
8:40 AM	Using Music in Group Homes to Develop Social-Emotional Skills of Adults with Intellectual Disabilities	# 37	
Presenter:	Emily Mountain	Mentor: Dr. Gene Behrens	
Chemistry and Biochemistry		Posters	Masters Atrium
8:00 AM	Design of Novel Nucleobases for PNA and Sequence Selective Recognition of A-U And C-G Base Pairs in DSRNA	# 41	
Presenters:	Brian Lupold, Amanda Williams	Mentor: Dr. James MacKay	
8:00 AM	Synthesis and Characterization of Dapoxyl Sulfonic Acid Analogues for Use in Aqueous Phase Luminescence-Based Sensing	# 42	
Presenters:	Holly Sofka, Stephanie Kramer	Mentors: Dr. James MacKay, Dr. Kristi Kneas	
8:00 AM	Synthesis of Giant Unilamellar Vesicles for Use in Studying the Role of Lipids in the Cellular Membrane	# 43	
Presenter:	Colby Schweibenz	Mentor: Dr. Thomas Hagan	
8:00 AM	The Effect of EGCG-Related Polyphenols on the Viability of Cancerous and Non-Cancerous Murine Cell Lines	# 44	
Presenter:	Carolyn Henry	Mentor: Dr. Thomas Hagan	
8:00 AM	Community-Based Learning on Campus: A Partnership Between Department of Chemistry & Biochemistry and Dining Services	# 45	
Presenter:	Kayla Hess	Mentors: Dr. Kristi Kneas, Mr. Eric Turzai	
8:00 AM	Luminescent Metal-Organic Frameworks Containing Metal Complexes of Ruthenium, Osmium, or Rhodium: Framework Structure and Photophysical Properties	# 46	
Presenters:	Libby Hemler, Ricky Castro, Jake Lenkiewicz	Mentors: Dr. Kristi Kneas, Dr. Jeffrey Rood	
8:00 AM	Design, Synthesis, and Binding of Novel Nucleobases for Incorporation into Peptide Nucleic Acids	# 47	
Presenters:	Katharine Glass, Sam Brooks, Chad Counce, Matthew Jensen, Stephanie Kramer, Chelsea Melcher, Jessica Pigga	Mentors: Dr. James MacKay, Dr. Kristi Kneas	
8:00 AM	Development of Luminescent Metal-Organic Frameworks for Use as Oxygen Sensors	# 48	
Presenters:	Gabrielle Yankelevich, Kayla Hess	Mentors: Dr. Jeffrey Rood, Dr. Kristi Kneas	
8:00 AM	Halogenation of Pyrazoles with Nax/Oxone® and the Total Synthesis of Withasomnine	# 49	
Presenter:	Matthew Jensen	Mentor: Dr. James MacKay	
8:00 AM	Exploring Regioselective Oxazole Formation Through a Transition Metal Complex Catalyzed [3+2] Cycloaddition Reaction	# 50	
Presenter:	Sam Brooks	Mentor: Dr. James MacKay	
8:00 AM	Synthesis and Structural Characterization of Germanium Coordination Complexes Incorporating Multidentate Schiff Base Ligands.	# 51	
Presenter:	Jessica Pigga	Mentors: Dr. Jeffrey Rood, Dr. Charles Schaeffer	

History/Library	Poster	Masters Atrium
8:00 AM	Elizabethtown Moose Building: Historic Preservation and Economic Development of a Community Resource	# 55
Presenters:	Abigail Harvey, Hannah Keeports, Gonzalo Miguez Dominguez, Emily Wieder	Mentors: Ms Rachel Grove Rohrbaugh, Mr. Jean-Paul Benowitz
Sociology and Anthropology	Poster	Masters Atrium
8:00 AM	Health for All and All for Health: The Effects of Sex and Political Ideology on Views of Universal Healthcare	# 60
Presenter:	Stephany Staniforth	Mentor: Dr. Michele Lee Kozimor-King



2015 Anna Carper Award



Session II 9:30 AM- 10:50 AM

Honors in Education Symposium Paper Presentations			N-106
Panel Moderator(s): Dr. Rachel Finley-Bowman			
9:30 AM	Social Studies in Early Childhood Education		# 101
Presenter:	Nicole Curcio	Mentor: Dr. Rachel Finley-Bowman	
10:10 AM	Integrating Service-Learning into Under-Resourced Schools to Create Relevancy		# 102
Presenter:	Meghan Vogt	Mentor: Dr. H. Elizabeth Coyle	
Women, Gender, and Hebrew Bible			H-107
Panel Moderator(s): Dr. Christina Bucher			
9:30 AM	The Role of Mothers in the Hebrew Bible		# 103
Presenter:	Morgan King	Mentor: Dr. Christina Bucher	
10:10 AM	The Role of the Qedesha in the Hebrew Bible		# 104
Presenter:	Abigail Sanders	Mentor: Dr. Christina Bucher	
Social Work Honors Presentation			H-110
Panel Moderator(s): Dr. Susan Mapp			
9:30 AM	Impact Of Institutional Care on a Child's Mental Health in Vietnam		# 106
Presenter:	Elizabeth Acampora	Mentor: Dr. Susan Mapp	
Children and Families Think Tank			H-110
Panel Moderator(s): Dr. Margaret McFarland			
10:10 AM	Children and Families Think Tank		# 107
Presenters:	Zoe Robinson, Danielle Cockey, Rebecca Slack, Rita Eisner	Mentors: Dr. Margaret McFarland, Dr. Judy Ericksen	
Occupational Therapy - Honors in Discipline			H-114
9:30 AM	An Analysis of Occupational Therapy from a Global Perspective		# 111
Presenter:	Rachel Sassaman	Mentor: Dr. Judy Ericksen	
Occupational Therapy Paper Presentation			H-114
9:50 AM	The Use of The Zones of Regulation® in an Elementary School: Student and Teacher Perceptions		# 112
Presenter:	Carly Mutter	Mentor: Ms. Christine Achenbach	
Sensory Processing			H-114
Panel Moderator(s): : Dr. Nancy Steadman			
10:10 AM	Overweight Children and Sensory Seeking Behaviors: Is There a Relationship?		# 113
Presenter:	Alyssa Rea	Mentor: Dr. Kerrie Hample	
10:30 AM	Using an Auto-Ethnography to Understand the Daily Life of Adolescents with Sensory Processing Disorder (SPD): The Curious Incident of the Dog in the Night-Time?		# 114
Presenter:	Erin Steingraber, Hannah Heritage, Marla Pfeiffer, and Kristen Broise	Mentor: Dr. Nancy Steadman	

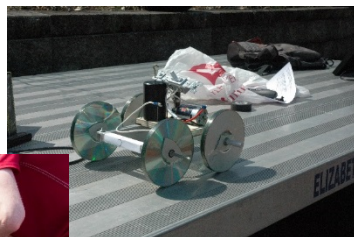
Department of Business		
Business		H-211
	Panel Moderator(s): Dr. Hongsong (Emma) Neuhauser	
9:30 AM	Implications of Index Futures on Stock Market	# 116
Presenter:	Linh Nguyen	Mentors: Dr. Hongsong (Emma) Neuhauser, Dr. Hossein Varamini
9:50 AM	Do Large Corporations Pay Their "Fair Share" Amount of Tax?	# 117
Presenter:	Tien Hoang	Mentor: Dr. Terrie Riportella
10:10 AM	The Effects of Social Responsibility Strategies on Organizational Reputation and Success	# 118
Presenter:	Lydia Dearie	Mentor: Dr. Cristina Ciocirlan
The Amish and Moderns: The Dynamic Engagement of Cultures		
Sociology and Anthropology		H-212
	Panel Moderator(s): Dr. Conrad L. Kanagy	
9:30 AM	Family Dynamic and Community of the Amish and Members of Modern Society	# 121
Presenter:	Paige Williams	Mentor: Dr. Conrad Kanagy
9:50 AM	"Real-World" Learning in Amish and Modern Societies	# 122
Presenter:	Megan Bernth	Mentor: Dr. Conrad Kanagy
10:10 AM	The Edge: Why Amish Businesses Thrive in Today's Society	# 123
Presenter:	Sarah Pomerantz	Mentor: Dr. Conrad Kanagy
Chemistry and Biochemistry Honors in the Discipline		
Chemistry and Biochemistry		H-213
9:30 AM	A Green Halogenation of Pyrazoles Using Nax/Oxone® and the Total Synthesis of the Natural Product Withasomnine	# 126
Presenter:	Matthew Jensen	Mentor: Dr. James MacKay
International Studies Panel		
Political Science/International Studies		H-214
	Panel Moderator(s): Dr. Oya Ozkanca	
9:30 AM	Insha'Allah: The Prospects of Normalization of the Algerian-Moroccan Relations?	# 131
Presenter:	Samantha Weiss	Mentors: Dr. Oya Ozkanca, Dr. Brian Newsome
9:50 AM	Diverging Policies on Immigration: Supranationalism vs. State Sovereignty in the EU?	# 132
Presenter:	Gobrielle Francis	Mentors: Dr. Oya Ozkanca, Dr. Brian Newsome
Fine Arts		
Video Presentation		H-215
	Panel Moderator(s): Dr. Kristi Arnold	
9:30 AM	Hand Drawn Animation Project	# 136
Presenters:	Maria Anderson, Conrad Bourdeau, Rita Eisner, Gabrielle Hoynoski, Mattie Joyner, Ann Kelly, Bryce Kenner	Mentor: Dr. Kristi Arnold
Fine Arts	Paper Presentation	H-215
10:10 AM	The Ephemeral Project	# 137
Presenter:	Alexandra Severeid	Mentor: Dr. Patricia Likos Ricci

Biology	Posters	Masters Atrium
9:30 AM	Use of CRISPR/Cas9 to Investigate PTEN Function in <i>Hydra Vulgaris</i>	# 141
Presenters:	Brady Morgan, Colin Todd, Sarah McCarron	Mentor: Dr. Diane Bridge
9:30 AM	Long-Term Effects of Concussion on College Students	# 142
Presenter:	Brianna Custer	Mentors: Dr. Anya Goldina, Ms Lynn Davies
9:30 AM	Repeated Social Experience Differentially Affects Aggression and Social Status Stability within a Network of Crayfish	# 143
Presenter:	Ellen Powers	Mentor: Dr. Anya Goldina
9:30 AM	Characterization of Hydra Collected from Lake Placida	# 144
Presenters:	Samantha Mundorff, Carly Egberts, Marquise Henry, Jacob Stonecipher	Mentor: Dr. Diane Bridge
9:30 AM	Comparison of Individual Recognition Between Native and Invasive Crayfish, <i>Orconectes obscurus</i> and <i>Orconectes rusticus</i>	# 145
Presenter:	Miriam Balasundram	Mentor: Dr. Anya Goldina
9:30 AM	Genomic Analysis of the Human Forearm Skin Microbiome of Individuals Living in Campus Housing	# 146
Presenter:	Megan Mendenhall	Mentor: Dr. Debra Wohl
9:30 AM	An Evaluation of Excess Algal and Aquatic Plant Growth in Lake Placida and the Potential Benefits of Harvesting	# 147
Presenters:	Graeme Kennedy, Craig Sinkovich	Mentor: Dr. Thomas Murray
9:30 AM	Biotic Invasion of Protected Areas? Distribution of Native and Invasive Crayfish in Nature Preserves in Lancaster County, Pennsylvania	# 148
Presenter:	Ryan Conway	Mentor: Dr. David Bowne
9:30 AM	Classification of Interceptive Saccades Using Single Target and Visual Search Tasks	# 149
Presenter:	Danielle Brouse	Mentor: Dr. Aaron Cecala
9:30 AM	Metagenomic Analysis of Water Samples to Determine Microbial Diversity	# 150
Presenter:	Brittany Custer	Mentor: Dr. Debra Wohl
9:30 AM	If You Build it Will They Come? Success of a Wetland Restoration as Wildlife Habitat	# 151
Presenters:	Alyssa Taylor, Jennah Krause	Mentor: Dr. David Bowne
9:30 AM	Determining the Effect of CD40 Stimulation and Corticosterone on Pro-Survival Protein Expression in Murine BMDCs	# 152
Presenters:	Morgann Reed, Keira McGrath	Mentor: Dr. Jodi Yorty
9:30 AM	The Effects of Vitamin D Treatment on Dendritic Cell Maturation and Signaling	# 153
Presenter:	Stephany Staniforth	Mentor: Dr. Jodi Yorty



Fine and Performing Arts		Posters	Masters Atrium
9:30 AM	Accuracy of Identifying Emotional Content in Music when Performed by Different Instruments		# 160
Presenter:	Amanda Watson		Mentor: Dr. Gene Behrens
9:30 AM	Using Music in Group Homes to Develop Social-Emotional Skills of Adults with Intellectual Disabilities		# 161
Presenter:	Emily Mountain		Mentor: Dr. Gene Behrens
9:30 AM	Use of Individual Versus Group Drum to Increase Interactions Among Children with Neurodevelopmental Disabilities		# 162
Presenter:	Emily Zimmerman		Mentor: Dr. Gene Behrens
9:30 AM	Effects of Live Versus Recorded Harp and Flute on Relaxation Measures of College Age Students		# 163
Presenters:	Abigail Whitmoyer, Emily Mountain, Meghan Sova, Emily Zimmerman, Jesse Appel		Mentor: Dr. Gene Behrens
9:30 AM	What Influences Student Versus Professional's Choice of Live or Recorded Music in Song Discussions?		# 164
Presenters:	Amanda Watson, Michael Fiocca, Samantha Connacher		Mentor: Dr. Gene Behrens

Engineering	Solar-Powered Remote Control Car Race	Track Infield
12:00 PM	Solar-Powered Remote Control Car Race	#170
Presenter:	Isaac Axtmann, Olivia L Bauer, Abigail Beyer, Jeffrey A Bloom, Guadalupe Carnero, Aleeyah S Colbert, Margo C Donlin, Joshua A Fishman, Dominic J Giancarlo, Jennifer Gorel, Guillaume Fabien Gouronc, Samuel L Hirshberg, Erich D Holtzer, Kurt H Holtzer, Jillian M Hypnarowski, Jonathan E Knapp, Tristan Koehler, Abby R Kopytko, Thomas B Kuhn, Darren J Labenberg, Chongkun Lin, Hui W Liu, Kyle B Lumbert, Amber Mangabat, Andrew Mangabat, Derek Manning, Jacob M Marunich, Collin R McGovern, Samantha A McNulty, Alexandra E Moore, Eric D Nawrocki, Samantha N Ortiz, Nolan D Ovelman, Antonio A Pacelli, Kyle D Peters, Nicholas Petrella, Alec C Proffitt, Austin P Reth, Keith H Roehl, Gerald Romich, Ashlan V Ruth, Matthew R Schappell, Sarah G Schneider, Cooper W Siegel, Catherine A Stencler, Victoria Tassallo, William Thurston-Griswold, Haley M Vozzella, Nicholas P Winch, Tyler J Yashura, Yanpeng Yue	Mentors: Dr. Kurt DeGoede, Dr. Brenda L Daily



Session III 1:00 PM-3:00 PM

Education		
Education	Paper Presentation	N-106
1:00 PM	The Impact of Cultural Immersion on Data Collection and Analysis	# 201
Presenter:	Sarah Fuller	Mentor: Dr. H. Elizabeth Coyle
Engineering		
Fifth Annual Symposium on Sustainability		Gibble Auditorium
Panel Moderator(s): Dr. Tomás Estrada, Dr. Joseph Wunderlich		
1:00 PM	Water Filtration System	# 202
Presenters:	Anthony Davala, Michael Graziano, Zachary Karasek, Brynne Kirsch, Derek Munsch	Mentor: Dr. Sara Atwood
1:15 PM	A Green Retirement Community	# 203
Presenters:	Rodrigo Barrera, Joshua McMahon	Mentors: Dr. Joseph Wunderlich, Dr. Patricia Likos Ricci
1:30 PM	Development and Testing of an Engineered Drainage Tile for Nitrogen Management	# 204
Presenters:	Julie Hess, Kimberly Kim	Mentor: Dr. Brenda L Daily
1:45 PM	Etown Sports, Fitness, and Wellness Center	# 205
Presenter:	Michael Graziano	Mentors: Dr. Joseph Wunderlich, Dr. Patricia Likos Ricci
2:00 PM	Why Live Tiny?	# 206
Presenter:	Mary Braasch	Mentor: Dr. Kurt DeGoede
2:15 PM	Hydroponic Gardens for Etown Food Services	# 207
Presenters:	Anh Bui, Basle Lavery	Mentors: Dr. Joseph Wunderlich, Dr. Thomas Murray
2:30 PM	Sustainable Site Design for Haiti	# 208
Presenter:	Chandler Maclaren	Mentor: Dr. Kurt DeGoede
2:45 PM	Architecture Design Studio Highlights	# 209
Presenter:	Rodrigo Barrera	Mentors: Dr. Joseph Wunderlich, Dr. Patricia Likos Ricci
Media Influence on Current Events		
Communications		H-110
Panel Moderator(s): Dr. Kelly Poniatowski		
1:00 PM	The Media and Missing Airline Flight 370	# 211
Presenter:	Britani Graver	Mentor: Dr. Kelly Poniatowski
1:00 PM	How Legalizing Gay Marriage Meant Repetition of History for the Media	# 212
Presenter:	Rebecca Easton	Mentor: Dr. Kelly Poniatowski
Curses Ancient and Modern: Student Fiction		
English	Readings	H-211
Panel Moderator(s): Dr. David C. Downing		
1:00 PM	"Under the Veil"	# 219
Presenter:	Samantha Whittall	Mentor: Dr. David Downing
1:30 PM	The Fullness of Solitude: Platford County Stories	# 220
Presenter:	Colleen Taylor	Mentors: Dr. Rebecca Olson, Dr. David Downing
Interdisciplinary Studies in Literature		
English	Paper Presentations	H-211
2:00 PM	Storytelling in Advertising: Can Mythology Improve Brand Perception?	# 221
Presenter:	Lindsay Sympon	Mentors: Dr. David Downing, Dr. Bryan Greenberg
2:20 PM	Magical Ministries: An Analysis of Governmental Structures in Classic Fantasy Authors	# 222
Presenter:	Erin Krause	Mentors: Dr. David Downing, Dr. Kyle Kopko

Sociology & Anthropology	Paper Presentations	H-212
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1:00 PM	Life is Short. Don't Have an Affair: The Effects of Work Status, Number of Children, and Marital Happiness on Marital Infidelity	# 225
Presenter:	Catherine Wilson-Martin	Mentor: Dr. Michele Lee Kozimor-King
1:20 PM	When Two Worlds Collide: The Effects of Sex, Family Structure, and Job Characteristics on Work-Family Spillover	# 226
Presenter:	Irene Snyder	Mentor: Dr. Michele Lee Kozimor-King
1:40 PM	I Am Your Father; No, I Am Your Father: The Effects of Age and Christianity on Views of Same-Sex Parents	# 227
Presenter:	Miranda Sweetman	Mentor: Dr. Michele Lee Kozimor-King
2:00 PM	A Sociological Inquiry: Using CBR to Assess the Knowledge and Satisfaction of Alpha Kappa Delta Members	# 228
Presenters:	Irene Snyder, Philip Ebersole, Erika Wagner, Nicole Leaf, Megan Aiken, Justina Beard, Meredith Cox-Holmes	Mentor: Dr. Michele Lee Kozimor-King

From Anime to Zen		H-213
Modern Languages		Panel Moderator(s): Dr. Mahua Bhattacharya

1:00 PM	Analyzing D-Gray Man	# 231
Presenter:	Alana Hankerson	Mentor: Dr. Mahua Bhattacharya
1:20 PM	Gender Issues in Japan	# 232
Presenter:	Eric Karpowicz	Mentor: Dr. Mahua Bhattacharya
1:40 PM	Princess Mononoke and the Enviroment	# 233
Presenter:	Madison Dodge	Mentor: Dr. Mahua Bhattacharya

Modern Languages – Japanese		H-213
Modern Languages		Panel Moderator(s): Dr. Charla Lorenzen

2:00 PM	The History and Significance of Japanese Earthquake Countermeasures	# 234
Presenter:	Katie McLendon	Mentor: Dr. Nobuaki Takahashi
2:20 PM	A Comparative History of the Development of Neuroscience in Japan and America	# 235
Presenter:	Abigail Bower	Mentor: Dr. Nobuaki Takahashi
2:40 PM	The Impact of Post-War Japanese-American Relations on the Japanese Economy Between 1940 and 1950	# 236
Presenter:	Taylor Marshall	Mentor: Dr. Nobuaki Takahashi

Research Methods Survey Findings		H-214
Political Science		Panel Moderator(s): Dr. April Kelly-Woessner

1:00 PM	Predicting Political Action	# 237
Presenters:	Kassandra Valdez, Nathan Groff, Nicole McGlyn	Mentor: Dr. April Kelly-Woessner
1:20 PM	Political Trust and Confidence in Institutions	# 238
Presenters:	Brianna Wenger, Vincent McGonigle, Brendan Rawa	Mentor: Dr. April Kelly-Woessner
1:40 PM	Politics and Education	# 239
Presenters:	Matthew Pysher, Sherin Tanyous, Maya Aphornsuvan, Kayla Gruber	Mentor: Dr. April Kelly-Woessner
2:00 PM	Predicting Political Ideology and Party Idenitification	# 240
Presenters:	Andrew Lesko, Erin Krause, Ivie Edebiri, Jovanni Diaz, Kyle Oberle	Mentor: Dr. April Kelly-Woessner

Fine and Performing Arts		Paper Presentations	H-215
1:00 PM	Use of Individual Versus Group Drum to Increase Interactions Among Children with Neurodevelopmental Disabilities		# 243
Presenter:	Emily Zimmerman	Mentor: Dr. Gene Behrens	
1:40 PM	Effects of Live Versus Recorded Harp and Flute on Relaxation Measures of College Age Students		# 244
Presenters:	Abigail Whitmoyer, Emily Mountain, Meghan Sova, Emily Zimmerman, Jesse Appel	Mentor: Dr. Gene Behrens	
2:20 PM	What Influences Student Versus Professional's Choice of Live or Recorded Music in Song Discussions?		# 245
Presenters:	Amanda Watson, Michael Fiocca, Samantha Connacher	Mentor: Dr. Gene Behrens	
Occupational Therapy		Poster	Masters Atrium
1:00 PM	Occupational Therapy in the Neonatal Intensive Care Unit (NICU)		# 249
Presenter:	Rebecca Roth	Mentor: Dr. Nancy Steadman	
1:00 PM	Handwriting Development: Educating Parents at Children's Playroom		# 250
Presenters:	Jacki Hikes, Jaime Deisher	Mentor: Dr. Kerrie Hample	
1:00 PM	An Exploration of How Occupational Therapy Students' and Practitioners' Experiences Studying Abroad Affect Fieldwork and Practice		# 251
Presenter:	Ashley M. Cox	Mentors: Dr. Tamera Humbert, Dr. Judy Ericksen	
1:00 PM	An Occupational Therapy Needs Assessment of Individuals with Juvenile Idiopathic Arthritis (JIA) and Related Conditions		# 252
Presenter:	Megan Ziff	Mentor: Dr. Nancy Steadman	
1:00 PM	Exploring Sensory Modulation Disorder in Children with Attention Deficit Hyperactivity Disorder Through Use of the Brain and Body Center Sensory Scales (BBC)		# 253
Presenter:	Katelyn Guilfooy	Mentor: Dr. Nancy Steadman	
1:00 PM	Implications of the Affordable Care Act on Occupational Therapy Private Practice		# 254
Presenters:	Adam Amspacher, Nicole Brackman	Mentor: Ms. Deborah Waltermire-Burton	
1:00 PM	Considerations for International Practice in Occupational Therapy		# 255
Presenter:	Allison Doughton	Mentor: Dr. Tamera Humbert	
1:00 PM	Implementation and Evaluation of a Community Based Falls Prevention Program		# 256
Presenter:	Adelyn Enders	Mentors: Dr. Linda Leimbach, Dr. Evan Smith	
Psychology		Poster	Masters Atrium
1:00 PM	Concussion Has Long-Term Impacts on Explicit but Not Implicit Learning		# 260
Presenter:	Abigail Bower	Mentor: Dr. Jean Pretz	
1:00 PM	The Role of Eye Movement in Memory		# 261
Presenter:	Leticia Martins	Mentors: Dr. Catherine Lemley, Dr. Aaron Cecala	
1:00 PM	Confabulatory Introspection and Symptoms of Depression		# 262
Presenter:	Maria Clari Yaluff	Mentor: Dr. Catherine Lemley	
1:00 PM	The Whole is Not The Sum of Its Parts: Unpacking in Time Estimation		# 263
Presenter:	Tatem Burns	Mentor: Dr. Michael Roy	

Session IV 3:10 PM-5:10 PM

Honors in Education Symposium		
Education	Paper Presentation	N-106
Panel Moderator(s): Dr. Rachel Finley-Bowman		
3:10 PM	Se Habla Español: Incorporating Spanish in the Early Childhood Classroom	# 301
Presenter:	Katharine Rozman	Mentor: Dr. Charla Lorenzen
Religious Studies	Paper Presentation	H-107
3:10 PM	Men of War, Men of Peace	# 303
Presenter:	Annmarie Hartzell	Mentor: Dr. Jeffrey Bach
Communications Honors in the Discipline		
Communications		H-110
Panel Moderator(s): Dr. Colin Helb and Dr. Kelly Poniatowski		
3:10 PM	Tweeting like a Pro: How Fans Engage with Professional Sports Teams on Twitter	# 307
Presenters:	Karley Ice, Samantha Weiss	Mentors: Dr. Kelly Poniatowski, Dr. Matthew W Telleen
3:40 PM	Muslim Women According to The New York Times	# 308
Presenter:	Samantha Weiss	Mentor: Dr. Colin Helb
Communications	Paper Presentation	H-110
4:10 PM	The Three Secrets to Overcoming Your Fear of Public Speaking	# 310
Presenter:	Jaime Ramos II	Mentor: Dr. Kirsten Johnson
4:30 PM	Communicating Messages of Sustainability with Stakeholders: Analyzing Annual Report Narratives	# 311
Presenter:	Abigail Piskel	Mentor: Dr. Tamara Gillis
Mathematical Sciences	Paper Presentation	H-114
3:10 PM	Scheduling an NHL Season Using Integer Programming	# 313
Presenter:	Collin Davidson	Mentor: Dr. Timothy McDevitt
Math - Honors in Discipline		
Mathematical Sciences		H-110
3:50 PM	Cryptanalysis of the Hill Cipher	# 314
Presenter:	Jessica Lehr	Mentor: Dr. Timothy McDevitt
Computer Science	Paper Presentation	H-114
4:50 PM	Documentation Tool for the Shadow Programming Language	# 318
Presenter:	Brian Stottler	Mentor: Dr. Barry Wittman
Shakespeare		
English		H-211
Panel Moderator(s): Dr. Louis Martin		
3:10 PM	Gender Roles in Shakespeare's As You Like It	# 319
Presenter:	Kayleigh Kuykendall	Mentor: Dr. Louis Martin
3:30 PM	Shakespeare's Shylock: A Human, with Justified Human Reactions	# 320
Presenter:	Casey Quinto	Mentor: Dr. Louis Martin
Stories of Men Under Pressure		
English	Readings	H-211
Panel Moderator(s): Dr. John Rohrkemper		
3:50 PM	Brothers in Arms	# 321
Presenters:	Dylan Manning, Ethan Hartanft	Mentor: Dr. John Rohrkemper
4:10 PM	A Comedy of Misconceptions	# 322
Presenters:	Ethan Hartranft, Dylan Manning	Mentor: Dr. John Rohrkemper

Stories of Women Under Pressure		
English		H-211
Panel Moderator(s): Dr. John Rohrkemper		
4:30 PM	It's Better if You Stay Asleep	# 323
Presenters:	Katherine Campbell, Corinne McCarthy	Mentor: Dr. John Rohrkemper
4:50 PM	Psikhushka	# 324
Presenters:	Corinne McCarthy, Katherine Campbell	Mentor: Dr. John Rohrkemper
Recreating Faust & Translating Video Games		
Modern Languages		H-213
Panel Moderator(s): Dr. Mark Harman		
3:10 PM	Recreating Faust in Music, Literature, and Film	# 331
Presenter:	Caitlin Wilson	Mentor: Dr. Mark Harman
3:30 PM	Translating Video Games: Gains and Losses	# 332
Presenters:	Kevin Hughes, Caitlin Wilson	Mentor: Dr. Mark Harman
Modern Languages – French		
Modern Languages		H-213
Panel Moderator(s): Dr. Charla Lorenzen		
3:50 PM	Individual and Collective Memory in the Works of Simone Schwarz-Bart	# 333
Presenter:	Gabrielle Francis	Mentor: Dr. Vanessa Borilot
Modern Languages – Spanish		
Modern Languages		H-213
Panel Moderator(s): Dr. Charla Lorenzen		
4:10 PM	Death, Alienation, and Existentialism in Post-War Spanish Literature	# 334
Presenter:	Gabrielle Francis	Mentor: Dr. Montserrat Linares-Farras
Philosophical Mindcraft: Ethical Investigations		
Philosophy		H-214
Panel Moderator(s): Dr. Alexandria Poole		
3:10 PM	The Ethics of Childhood Hunger: Making a Difference One Cupcake at a Time	# 337
Presenter:	Amelia Clifton	Mentor: Dr. Alexandria Poole
3:30 PM	The Paradox of Controversy: Exploring the Moral Authority of Interpretation	# 338
Presenter:	Miranda Mumma	Mentor: Dr. Alexandria Poole
3:50 PM	Justice for Java: Free Vs. Fair Trade	# 339
Presenter:	Amanda Hafler	Mentor: Dr. Alexandria Poole
4:10 PM	Aesthetic Methods and Solidarity: Coffee from Farm to Cup	# 340
Presenter:	Eric Severeid	Mentor: Dr. Alexandria Poole
Psychology		H-214
Panel Moderator(s): Dr. Evan Smith		
4:30 PM	Understanding The Experiences of Central PA LGBTQ Youth Through Photovoice	# 341
Presenters:	Allison Gensemer, Kendra Smith, Joshua Swint	Mentor: Dr. Evan Smith
4:50 PM	The Role of Personal and Public Stigma in Help Seeking Behavior for Students Experiencing Mental Health Problems	# 342
Presenters:	Tasnim Chowdhury, Marcus Clarke, Alena DuDevoir, Rebecca Kratzer, Alyssa McDermott, Caitlin Pysher, Monica Venturella	Mentor: Dr. Joseph Mahoney



Music in culture: Examining Structures, Stigmatization, and Power			H-215
Fine and Performing Arts			Panel Moderator(s): Dr. Kevin Shorner-Johnson
3:10 PM	Scales as Constructions of Cultural Values		# 343
Presenter:	Sarah Kreider	Mentor: Dr. Kevin Shorner-Johnson	
3:30 PM	Reducing the Stigmatization of HIV/AIDS: An Examination of Music in Uganda		# 344
Presenter:	Emily Mountain	Mentor: Dr. Kevin Shorner-Johnson	
3:50 PM	Punk and Politics: Using Punk Rock to Express Political Opinions		# 345
Presenter:	Victoria Metal	Mentor: Dr. Kevin Shorner-Johnson	
4:10 PM	Music as Power in North Korea		# 346
Presenter:	Zoe Robinson	Mentor: Dr. Kevin Shorner-Johnson	
Engineering Senior Project Poster Session			
Engineering	Posters	Masters Atrium	
3:10 PM	Water Filtration System		# 349
Presenters:	Anthony Davala, Michael Graziano, Zachary Karasek, Brynne Kirsch, Derek Munsch	Mentor: Dr. Sara Atwood	
3:10 PM	Campus Sustainability Audit: Indoor Water Usage		# 350
Presenters:	Meghan Donohue, Sarah Fay, Angela Rabjohn, Jared Lescavage, Amber Michaels	Mentor: Dr. Brenda L Daily	
3:10 PM	Vibrational Therapy Device for Toddlers		# 351
Presenters:	Jacob Evans, David Good, Buck Kauffman	Mentor: Dr. Sara Atwood	
3:10 PM	Musical Water Fountain		# 352
Presenters:	Gabrielle Genuario, Thomas James, Parke Martin, Ryan Shirk, Adam Snyder	Mentor: Dr. Sara Atwood	
3:10 PM	Gambia Project: Capacitor Flashlight		# 353
Presenters:	Greyson McDonald, Patrick Kelly, Robert Tausendfreund, Brian Brennan	Mentor: Dr. Kurt DeGoede	
3:10 PM	Advanced Crash Detection Computer		# 354
Presenters:	Omar Zabala-Ferrera, Devin Drennen	Mentor: Dr. Tomás Estrada	
3:10 PM	Design of a Quad-Rotor Helicopter for Surveillance		# 355
Presenters:	Martin Fevre, Matthew Seeberger, Rodrigo Barrera, Christian Peeters, Robert Hunter	Mentor: Dr. Tomás Estrada	
Engineering	Poster Sessions	Masters Atrium	
3:10 PM	Predictive Control Using Regression Analysis to Offset Actuation Delays		# 360
Presenter:	Martin Fevre	Mentor: Dr. Tomás Estrada	
3:10 PM	Running Form Analysis		# 361
Presenter:	Michael Twist	Mentor: Dr. Kurt DeGoede	
3:10 PM	2016 Community Based Engineering Projects Group B		# 362
Presenters:	Taylor DeBlock, Chongkun Lin, Antonio Pacelli, Haley Vozzella, Kyle Coats, Dillon Dotson, Matthew Koerber	Mentors: Dr. Brenda L Daily, Dr. Sara Atwood	
3:10 PM	2016 Community Based Engineering Projects Group A		# 363
Presenters:	Michael Hofstedt, Jordan Nelson, Evan Pallante, Andruw Szczanwinski, Erich Holtzer, Samantha Ortiz, Gabriel MacDonald	Mentors: Dr. Brenda L Daily, Dr. Sara Atwood	
Communications	Art Work	High Library	
	Through The Lens: A Collection of Photographic Portraits		#370
Presenter:	Matt Berezny, Kelly Bergh, Mac Booth, Jordan Bowser, Elinor Curry, Philip Ebersole, Gabby Genuario, Kacie Hallman, Scott Hess, Meili Kenley, Kayleigh Kuykendall, Victoria Layer, Kelly Moore, Alex Reed, Andrew Smith, Bobby Wilcox	Mentor: Dr. Katherine Hughes	

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2016 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:

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(Assistant to the Chair & program design)

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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.

2016 Anna Carper Award Winner

Sean McCubbin

Honorable Mentions:

Angela Wesneski

Claire Weckerly



Cover by Kacie Hallman '16

**Congratulations to Kacie Hallman, '16,
winner of the 2016 Scholarship and Creative Arts Day program cover contest!**

"Over the course of my college career I've fallen in love with the art of Graphic Design. I'm a Mass Communications major with a minor in Graphic Design and I've held many design jobs on campus as well as at a freelance business on the side. I always find myself exploring the Adobe Creative Suite and researching design trends; it really has turned into a passion. I hope to continue to sharpen my skills as I go into a Graphic Design career after graduating from Etown."

The Scholarship and Creative Arts Days Committee also congratulates the following students, who were recognized with an honorable mention for the cover contest (in no particular order):

Andrew Fry
Alexandra Severeid
Monica Ventura
Nate Williams