



Scholarship and Creative Arts Day

APRIL 23-24



Welcome to Elizabethtown College

We're glad that you've joined us for Elizabethtown College's fifth annual Scholarship and Creative Arts Day!

This year - our five year milestone - SCAD is featuring the ideas and talents of 433 students who, with the guidance of their faculty mentors, have challenged themselves to explore new intellectual territory, test innovative theories, or showcase their talents. Through their experiences, they have honed their skills and have broadened their understanding of their discipline. And, as a result of their efforts, they are becoming a bigger part of our world—contributing fresh ideas and new interpretations that will benefit others. We congratulate our scholars on their outstanding efforts that have culminated with their participation in this student conference.

We are grateful to the Scholarship and Creative Arts Day committee, chaired by Associate Professor of Education Rachel Finley-Bowman, and the dozens of faculty mentors who have made our celebration possible. Fostering the college's commitment to undergraduate research, the work and dedication of these members of our community have created this remarkable forum for sharing research and creative ways of thinking.

We are excited to additionally highlight the inaugural year of the Open Book Initiative, and welcome Rebecca Skloot and David Lacks to campus as SCAD keynote speakers.

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

Opening Ceremony—Monday, April 23, 5:15 p.m.

Area adjacent to Masters Mineral Gallery

Presentation of Anna Carper Excellence in Library Research Award

Closing Reception—Tuesday, April 24, 5:00 p.m.

M & M Mars Room

Scholarship and Creative Arts Day

Monday & Tuesday At a Glance

Monday

Monday, April 23, 2012

Masters Center

Area Adjacent to Masters Mineral Gallery

SCAD Opening Ceremony

5:15 PM

Welcome by President Carl J. Strikwerda

Presentation of the 2012 Open Book Creative Response Contest Winners

- First Place: "Helel" by Christine Mrozek '15, Pencil Drawing
- Second Place: "Untitled" by Chelsea Zimmerman '15, Pencil Drawing
- Third Place: "Henrietta" by Marie Loiseau '14, Poem

Presentation of Anna Carper Excellence in Library Research Award

Monday Events

- 25th Annual Juried Student Art Show—5:30 PM Lyet Gallery in Leffler Chapel
- Occupational Therapy Graduate Research Symposium—5:30 PM Gible Auditorium
- Honors in Education Symposium—5:30 PM Hoover Center
- Showcase Music Recital—7:30 PM Leffler Chapel & Performance Center

Tuesday, April 24, 2012

Tuesday Presentations

8:00 AM to 2:45 PM

- Presentations, Panel Discussions, Posters, Portfolios
- Hoover Lobby and lecture rooms, Leffler Chapel, Masters Atrium, Gible Auditorium in Esbenshade, Brinser Lecture Room (BLR) in Steinman, Zug Recital Hall in Zug

Tuesday Keynote Speaker, Q & A, Book Signing

3:00 PM to 4:30 PM

Leffler Chapel, Musser Auditorium

Closing Reception

Tuesday, 5:00 p.m.

M & M Mars Room, Leffler Chapel

Scholarship and Creative Arts Day

An awards ceremony will begin at 6:00 P.M. during which prizes will be awarded for the best work in various disciplines, i.e. ceramics, computer art, drawing, painting, photography, printmaking and sculpture. The exhibit will run till April 25th. The gallery is open from 9 a.m. until 9 p.m., Monday through Friday, and 1 PM – 5 PM on Saturday and Sunday.

Vanessa Andrew	Elizabeth Karcha	Christine Mirozek
Laura Bach	Megan Kenneweg	Danielle Nelson
Ali Cavanaugh	Lynn Kester	Mallory Slusser
Gina Galardi	Allison Kinney	Sarah Spang
Kristen Hain	Kallin Koons	Elise Teixido
Michelle Hare	Zach Link	Traci Tempone
Vaclav Hasik	Renee Martin	Beth Trovato
Lucy Hill	Elissa McMicholas	Caitlin Vajdic
Samantha Hugg	Anna Meerbach	Ellen Wilson

#2

Three groups of students enrolled in Sculpture I will make collaborative works near Stegman Center. The works will be assembled/constructed of all natural materials. We are seeking a collaborative experience where each student will have a voice in creating an overall concept and aesthetic. The works will be temporary. Participation and collaboration is key to the success of these works.

Vanessa L Andrew	Cory B Franklin	Kathleen H Kasun	Megan E Kennemweg	Erin W Kline
Lauren Krissinger	Zachary M Link	Katherine G McMahon	Anna L Meerbach	Jordan P Montgomery
Danielle N Nelson	Meissa L Stewart	Brian M Wenger		

Vanessa Andrew, Elizabeth Xarcha, Christine Mozek, Laura Bach,
Megan Kenneweg, Danielle Nelson, Ali Caravanagh, Lynn Kessler,
Malloy Slusser, Gina Calardi, Allison Kinney, Sarah Spang, Kristie
Hain, Kaitlin Koons, Elise Teixido, Michelle Hare, Zach Link, Traci
Temple, Vadav Hasik, Renae Martin, Beth Trovato, Lucy Hill, Elise
McNicholas, Caitlin Vajdic, Samantha Hugg, Anna Meerbach, Ellen
Wilson

Mentors: Mr. Aaron Brooks,
Ms. Linda Eberly, Mr. Milton
Friedly, Ms. Lou Schellenberg,
Mr. Thomas Wagner, Dr.
Hans-Erik Wennberg

Steinman Lawn

Three installations: Nature Revised
Vanessa L. Andrew, Cory B. Franklin, Kahleen H. Kusun, Megan E. Kermeweg, Erik W. Klime, Lauren Krissinger, Zachary M. Link, Katherine G. McElwan, Anna L. Meerbach, Jordan P. Montgomery, Danielle N. Nelson, Melissa L. Stewart, Brian M. Wenger

Mentor: Mr. Milton Friedly

Hoover Lobby

Emily Whiteside
Everybody In! An Integrated Curriculum
Brian Booker

Mentor: Dr. H. Elizabeth Coyle

Identity development and Culturally-Responsive Teaching in Schools
Katie Nizansky
Mentor: Dr.

#3
in Schools
Mentor: Dr. H. Elizabeth Coyle

The Use of Rewards in Elementary School Classrooms

Nicolle Maioriello

#3
Mentor: Dr. H. Elizabeth Coyle

The Use of Graphic Novels to Teach Classic Literature

Megan McCormack

Middle School #3
Mentor: Dr. H. Elizabeth Coyle

Educational Leaders and Positive School Climates

#3
Mentor: Dr. H. Elizabeth Coyle

Education Across Borders: Afghanistan and the United States
Christine Nagle

Mentors: Dr. Rachel Finley-

Hoover 110

Laura Farnish

Mentor: Dr. H. Elizabeth Coyne

Senior Project in Education: Key Waldorf Instructional Methods Applied in the Public School Classroom

4 Methods Applied

Amanda Vaine
Peace Education in Northern Ireland

Mentor: Dr. H. Elizabeth Coyle

Gabriel Robison

Mentors: Dr. H. Elizabeth
Coyle, Dr. Rachel Finley-

How Social Emotional Learning and Bibliotherapy in English Classrooms Can Mitigate Challenges to Adolescent Girls

High Classrooms #4

Allison O'Boyle

Mentors: Dr. H. Elizabeth

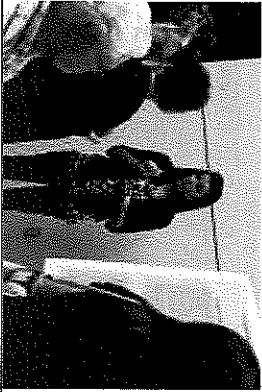
Occupational Therapy Graduate Research Symposium 2012

GIBBLE Auditorium

5:30 p.m. Welcome and Opening Remarks
 Tamara Humbert, D. Ed., OTR/L, Associate Professor, Occupational Therapy Program
 5:40 p.m. Keynote Speaker
 Dr. Jacqueline Jones, Ph. D., OT Retired, Associate Professor Emerita, Occupational Therapy Department
 6:00 p.m. Break
 6:10 p.m.—8:55 p.m. Presentations, Posters, Fieldwork Sessions

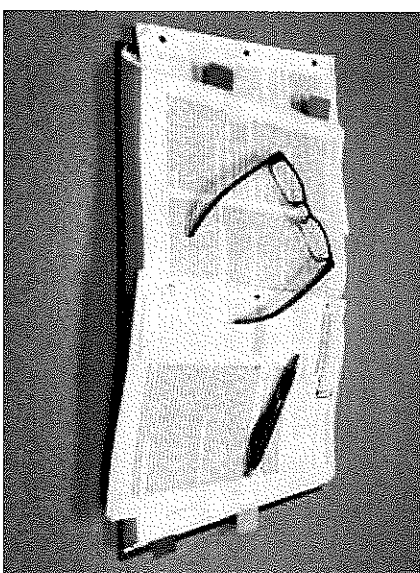
Occupational Therapy Masters Project Presentations

Gibble Auditorium (Esbenshade)

6:10 PM	5a Examining Sensory Processing Differences in Children with Attachment Issues: An Exploratory Study Courtney Baumer, B.S., MOTS; Nicole Davis, B.S., MOTS; Stephanie Musyl, B.S., MOTS; Mentor: Christine Achenbach, M. Ed., OTR/L	7:55 PM	5d Women's Perspectives of Recovery from Violence through the Kawa Model: Considering New Possibilities Jena Miller, B.S., MOTS; Lauren Ott, B.S., MOTS; Danielle Zabroski, B.S., MOTS; Mentor: Judy Beck Erickson, Ph.D., OTR/L
6:45 PM	5b Exploring Play and Social Participation in Children who have CHD: Patterns and Perspectives Taylor Bauder, B.S., MOTS, All Cavanaugh, B.S., MOTS, and Kate Rasmussen, B.S., MOTS; Mentor: Deborah Waltemire, M.H.S., OTR/L	8:30 PM	5e Real-time Motion Capture Technology: Developing a Tool for Motor Control Rehabilitation Alyssa Parante, B.S., MOTS; Russell Speiden; Kelly Seymour; Mentor: Daniel Panchik, D. Sc., OTR/L
7:20 PM	5c Perspectives on the Influence of Program Mission and Core Values on Professional Choices Tabitha Bailey, B.S., MOTS; Kristin Hall, B.S., MOTS; Molly Northway, B.S., MOTS; Mentor: Tamara Keller Humbert, D. Ed., OTR/L	Poster Session 2011 	

Masters Project & Senior Honors in the Discipline Posters

Masters Atrium 1st Floor		Masters Atrium 2nd Floor	
6:10 PM	6a Exploring Clients' Perspectives on the Impact of Home Modifications Regarding their Independence and Safety Lauren Young, OTS; Ashton Morgan, OTS; Mentor: Judy Erickson, Ph.D., OTR/L	6e Perceptions of Evidence Based Practice Strategies: A Case Study Kaitlyn Bridgeman, B.S., MOTS; Colleen LaForge, B.S., MOTS; Kelle Staab, B.S., MOTS; Mentor: Angela Salvadia, D. Ed., OTR/L	
8:55 PM	6b Development of the Electronic Hand Assessment Tool (E-HAT): Analysis of reliability and validity measures. Bethany C. Dieffenferer, B.S., MOTS; Alexandra L. Gold, B.S., MOTS; Mentors: Daniel Panchik, D. Sc., OTR/L; Kurt DeGoede, Ph. D.	6f Impact of Treatment on the Ongoing Leisure Participation of Cancer Survivors Emily Ulrich, OTS; Mentor: Linda M. Leimbach, M.S., OTR/L	
	6c Are Video Games Beneficial for All Ages? The Impact of Participation on Well Elders in a Wii Group Chelsie Miller, OTS; Ruth Wentz, OTS; Mentor: Ann Marie Potter, MS, OTR/L	6g How Do Habits, Routines, and Roles influence Body Weight in Working Mothers? Brianna E. Noon, B.S., MOTS; Brenda M. Plaskowski, B.S., MOTS; Rachel C. Sullivan, B.S., MOTS; Mentor: Linda M. Leimbach, M.S., OTR/L	
	6d A Correlational Study between Adolescents' Hand Skills and Technology Use: A Pilot Study Lauren E. Carmichael, B.S., MOTS; Emily M. Carrier, B.S., MOTS; Stephanie N. Sherick, B.S., MOTS; Mentor: Kerri Hampe, OT.D., OTR/L	6h A Needs Assessment: Evaluation of Elderly Residents in Elizabethtown for Improvement of Residential Assistance Program (RAP) Heather Slikko, OTS; Mentor: Linda M. Leimbach, M.S., OTR/L	



Scholarship & Creative Arts Day Recital

Monday, April 23, 2012

Leffler Chapel and Performance Center

7:30 PM

PROGRAM

Sonata Lawson Lunde (b. 1935)

I. Allegro

Zachary Link, alto saxophone

Dr. Justin Badgerow, piano

From Songs of Travel Ralph Vaughan Williams (1872-1958)

Let Beauty Awake

The Roadside

Alex Ochs, tenor

Dr. Justin Badgerow, piano

Syncopation Fritz Kreisler (1875-1962)

Rachel Lane, violin

Erinn Soltys, piano

Etude, Op. 25, No. 12 Frederic Chopin (1810-1849)

Shannon O'Leary, piano

Sonata Bernhard Heiden (1910-2000)

I. Adagio - Presto

Dan Tschop, Saxophone

Dr. Justin Badgerow, piano

"Ain't It A Pretty Night" from Susannah Carlisle Floyd (b. 1926)

Anna Matlack, soprano

Dr. Justin Badgerow, piano

"Un Sospiro" from Trois Etudes de Concert Franz Liszt (1811-1886)

Thitipat (Bryant) Suksirtarnan, piano

Picture by Gina Galardi '12

Cover Contest Honorable Mention

Scholarship & Creative Arts Day Recital

Scene One from Lysistrata (411 BCE), by Aristophanes, translated and adapted by J. A. King and Michael M. Chemers

(performed in its entirety in Tempest Theatre April 26 & 27 at 8 p.m. and April 29 at 2 p.m.)

Lysistrata: Taylor Luckenbill

Kleonike: Alexandra Yastishock

Myrrhine: Nicole St. Pierre

Lampito: Rachel Saul

Ismenia: Dani Mitchell

Opisthenia: Doug Willson

A Boy and A Girl Eric Whitacre (b. 1970)

Camera

David Hiddeman, Conductor

Joseph Bomberger, Bayla Cohen, Stephanie Crawford, Amber

Farah, Chad Feakins, Danielle Fishman, Ken Height, Glenn Knight,

Alena Lerch, Anna Matlack, Paul Muzzo, Jason Sandomato, Daniel

Tschop, Elizabeth Shea, Matthew Walters, Brian Willson

What Saith My Dainty Darling? Thomas Morley

(1557 or 58-1602)

Transcr. Richard Chenoweth (1918-2011)

Haranee Paul Basler (b. 1963)

Elizabethtown Horn Ensemble

Nathan Caudill, Liz Boyer, Heidi Weidemoyer, Julia Hodge, Robert

Codio

Faculty Mentors: Faith Shiffer, Sarah Daughtrey, Austin Hartman,
Douglas Bomberger, Debra Ronning, Michael Swanson, Matthew

Fritz, Cheryl Staherski

Picture by Gina Galardi '12

Cover Contest Honorable Mention

We Appreciate Your Mother's Gift



Mr. David "Sonny" Lacks, Henrietta Lacks' youngest son.



Photo by Omar Quintero, courtesy of The Smithsonian Institution Gallery of Henrietta Lacks' Immortal Cells

With Thanks and Gratitude

Rebecca Skloot

Tuesday, April 24

Author of
The Immortal Life of Henrietta Lacks



Ms. Rebecca Skloot, author of *The Immortal Life of Henrietta Lacks*, will be the featured keynote speaker to celebrate the 5th Anniversary of Scholastic and Creative Arts Day at Elizabethtown College. She will be sharing her thoughts on the processes of research and writing, and offering insights about how this project contributed to her own personal growth. The discussion will be moderated by Dr. Jane Cavender, Professor of Biology, at Elizabethtown College.

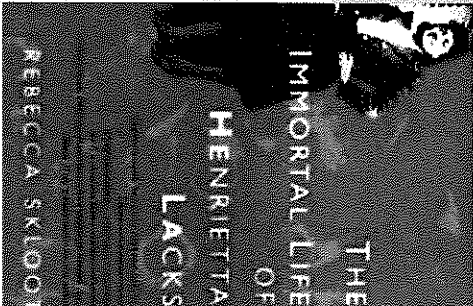
- 3:00-3:30 p.m.
Keynote Speech Leffler Chapel
- 3:30-4:30 p.m.
Discussion, Audience Q & A, Leffler Chapel, Mr. Lacks joins Ms. Skloot
- 4:30 p.m.
Book Signing with both Ms. Skloot and Mr. Lacks
Leffler Chapel 1st floor



Mr. Lacks & Ms. Skloot

Book Description

Her name was Henrietta Lacks, but scientists know her as Hela. She was a poor black tobacco farmer whose cells—taken without her knowledge in 1951—became one of the most important tools in medicine, vital for developing the polio vaccine, cloning, gene mapping, in vitro fertilization, and more. Henrietta's cells have been bought and sold by the billions, yet she remains virtually unknown, and her family can't afford health insurance. --from the official description on author's website.



Tuesday Session I: 8:00 – 9:15 a.m.

English		Panel Discussion		H-107
8:00 AM	Staging Beckett			# 10
Presenters:	Kristen Beyer, Allison Waskow, Kaitlin Tackels, Marissa Aulenbach		Mentor: Dr. Mark Harman	
8:15 AM	Staging Beckett			# 11
Presenters:	Marissa Aulenbach, Kaitlin Tackels, Allison Waskow, Kristen Beyer		Mentor: Dr. Mark Harman	
8:30 AM	Staging Beckett			# 12
Presenters:	Allison Waskow, Kristen Beyer, Kaitlin Tackels, Marissa Aulenbach		Mentor: Dr. Mark Harman	
8:45 AM	Staging Beckett			# 13
Presenters:	Kaitlin Tackels, Kristen Beyer, Marissa Aulenbach, Allison Waskow		Mentor: Dr. Mark Harman	
Education		Portfolio Presentations		H-110
8:00 AM	A Framework for Teaching: Professional Portfolios for Educators			# 15
Presenters:	Jaclyn Light, Tess Lutz, Matthew Mayas, Colby Miller		Mentors: Dr. Kathleen Blouch, Dr. Carroll Tyminski	
8:40 AM	A Framework for Teaching: Professional Portfolios for Educators			# 16
Presenters:	Allison O'Boyle, Sierra Miller, Amber Petrucy, Marcy Bennett, Maggie Troutman, Ross Benincasa		Mentors: Dr. Kathleen Blouch, Dr. Carroll Tyminski	
Sociology and Anthropology		Presentations		H-211
8:00 AM	Can You Hear Me Now?: A Content Analysis of Cell Phone Policies in Syllabi at Elizabethtown College			# 20
Presenter:	Barbara Prince		Mentor: Dr. Michele Lee Kozimor-King	
8:15 AM	Where Are You Going Generation Y? Examining the Effects of Community Perceptions, Socialization, and Environmental Views on the Residential Preferences of Generation Y			# 21
Presenter:	Michael Shields		Mentor: Dr. Michele Lee Kozimor-King	
9:00 AM	Status Update: The Effects of Sex and Age on an Individual's Facebook Status			# 22
Presenter:	Erin Bixler		Mentor: Dr. Michele Lee Kozimor-King	
Modern Languages		Presentations		BLR
8:30 AM	Introducing the Japanese Haiku			# 32
Presenter:	Christina Foss		Mentor: Dr. Mahua Bhattacharya	
Modern Languages		Anime to Zen Panel		BLR
8:45 AM	Japan's Experience of Terrorism: The Japanese Red Army			# 33
Presenter:	Maggie Stromski		Mentor: Dr. Mahua Bhattacharya	
9:00 AM	Japan's Postwar Relations with the US, Germany, and China			# 34
Presenter:	Stephen Harris		Mentor: Dr. Mahua Bhattacharya	
Sociology and Anthropology		Presentations		H-212
8:00 AM	The Church of the Brethren's Encounter with Conscripted During World War II			# 35
Presenter:	Cory Esheleman		Mentor: Dr. Donald Kraybill	
8:15 AM	A Peaceful People During Wartime			# 36
Presenter:	Megan Brown		Mentor: Dr. Donald Kraybill	
8:30 AM	Plain Dress, Complicated Problems			# 37
Presenter:	Madeline Magill		Mentor: Dr. Donald Kraybill	
8:45 AM	Chiques Changes Clothes			# 38
Presenter:	Jennifer Brandt		Mentor: Dr. Donald Kraybill	
9:00 AM	The Feminist Movement in the Brethren Religion			# 39
Presenter:	Hailey Kearns		Mentor: Dr. Donald Kraybill	
Computer Science		Presentations		H-213
8:15 AM	Misma: An Innovative Content-Based Image Comparator			# 41
Presenter:	Leann Johnson		Mentor: Dr. Barry Witman	
8:30 AM	Predicting Image Compression Quality			# 42
Presenter:	Andrew Sides		Mentor: Dr. Barry Witman	

Tuesday Session I: 8:00 – 9:15 a.m.

Called to Lead		Presentations		H-213
8:45 AM	Redefining the Meaning of 'Good': Social Entrepreneurship			# 43
Presenters:	David Nagel, Min Tun		Mentor: The Rev. Tracy Sadd	
9:00 AM	Leadership Development and Exploration of Vocation in Madagascar			# 44
Presenter:	Layssa Willy		Mentor: The Rev. Tracy Sadd	
Theater		Presentations		H-214
8:00 AM	"To Whom Shall I Compare a Summer's Day?": Exploring the Subject/Audience Debate in Shakespeare's Sonnets			# 45
Presenter:	Rachel Saul		Mentors: Dr. Michael Swanson, Dr. Louis Martin	
Business		Presentations		H-214
8:30 AM	Ambient Scenting: The Role of Scent in the Retail Environment			# 46
Presenter:	Katie Gariz		Mentor: Dr. Bryan Greenberg	
8:45 AM	To Give, or Not to Give: A Review of Credit Policy During this Recession.			# 47
Presenter:	Jennifer Malik		Mentor: Dr. Hongsong Neuhauser	
Political Science		Presentations		H-215
8:30 AM	Secession: South Sudan's Journey Toward Independence			# 53
Presenter:	Kelsie Leyvan		Mentors: Dr. Oya Ozkanca, Dr. Dana Mead	
8:45 AM	Culture and the Peace Process: Examining the Political Murals in Northern Ireland			# 54
Presenter:	Ashley Vagelinskie		Mentor: Dr. April Kelly-Woessner	
Education		Posters		Masters Atrium
8:00 AM	Eco-Justice and Sustainability Research Paper			# 55-67
Presenter:	Katie Appleby			# 55
Presenter:	Bryan Baldwin			# 56
Presenter:	Bryndi Flynn			# 57
Presenter:	Caillin Hogan			# 58
Presenter:	Danielle Jakubowski			# 59
Presenter:	Abigail Kelley			# 60
Presenter:	Emily Longenecker			# 61
Presenter:	Kimberly Myers			# 62
Presenter:	Jessica Plue			# 63
Presenter:	Cary Schrider			# 64
Presenter:	Brittany Stepp			# 65
Presenter:	Kathryn Sutcliffe			# 66
Presenter:	Desiree Vanderlick			# 67
8:00 AM	Becoming Transformative Agents?: Reexamining Multiculturalism in Secondary Social Studies			# 68
Presenters:	Christine Nagle, Jordan Lalberte		Mentor: Dr. Rachel Finley-Bowman	
8:00 AM	Using Culturally Responsive Instruction to Teach Middle School Social Studies			# 69
Presenters:	Jessica Swank, Kristen Walks		Mentor: Dr. Rachel Finley-Bowman	
Occupational Therapy		Posters		Masters Atrium
8:00 AM	Exploring Clients' Perspectives on the Impact of Home Modifications Regarding their Independence and Safety			# 70
Presenters:	Lauren Young, Ashton Morgan		Mentor: Dr. Judy Erickson	
8:00 AM	Impact of Treatment on the Ongoing Leisure Participation of Cancer Survivors			# 71
Presenter:	Emily Ulrich		Mentors: Mrs. Linda Leimbach, Ms. Ann Marie Potter	

Tuesday

Session I: 8:00 – 9:15 a.m.

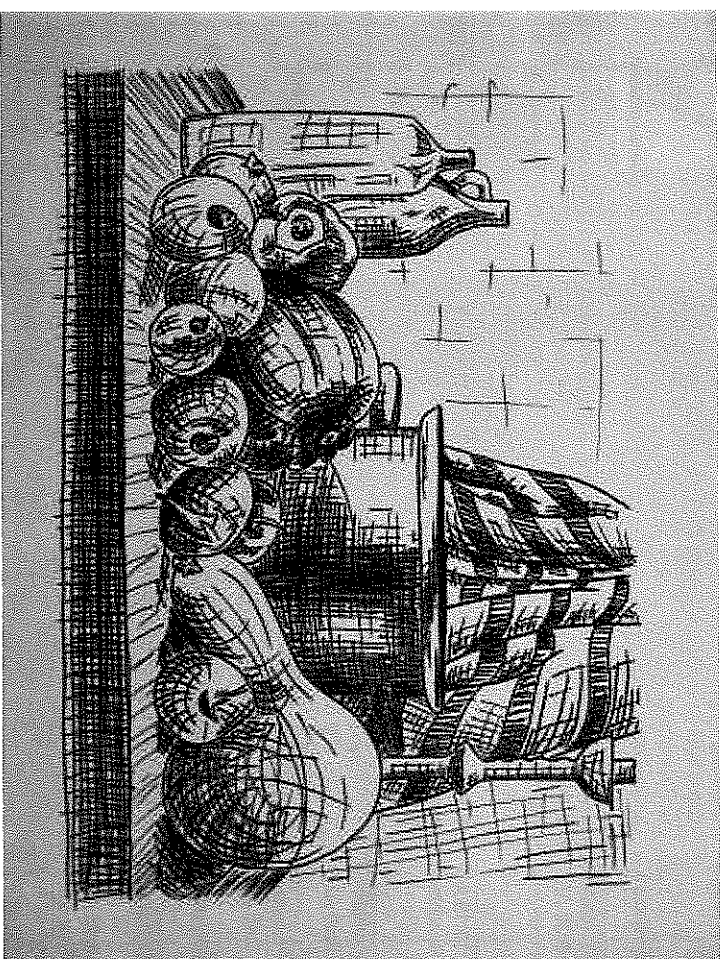
8:00 AM	A Needs Assessment: Evaluation of Elderly Residents in Elizabethtown for Improvement of Residential Assistance Program (RAP)	# 72
Presenter:	Heather Silkco	Mentor: Mrs. Linda Leimbach
8:00 AM	Are Video Games Advantageous for All Ages: The Impact of Participation in a Wii Group on the Well-Being of the Well Elderly	# 73
Presenters:	Cheisie Miller, Ruth Wentz	Mentor: Ms. Ann Marie Potter
Psychology		
Posters		
8:00 AM	Exploring the Effects of Deep Pressure Sensory Input on Attention	# 74
Presenter:	Courtney Baumer	Mentor: Dr. Catherine Lemley
8:00 AM	Investigating the Connection Between Creativity and Synesthesia	# 75
Presenter:	Jennifer Heimbach	Mentors: Dr. Catherine Lemley, Dr. Jean Preitz
8:00 AM	CISP Proposal: "The Role of Synesthesia in Cognitive Function"	# 76
Presenters:	Amanda Kowalsky, Jenn Heimbach, Nev'n Brown	Mentor: Dr. Catherine Lemley
8:00 AM	Synesthesia and Mental Imagery: An Emotional Connection?	# 77
Presenter:	Amanda Kowalsky	Mentor: Dr. Catherine Lemley
8:00 AM	Are a Person-Color Synesthet's Colors Related to Personality?	# 78
Presenters:	Amanda Kowalsky, Jennifer Heimbach	Mentor: Dr. Catherine Lemley
8:00 AM	Exposure Effects for Attractive Faces: Focal Attention is Necessary	# 79
Presenters:	Ruchnu Zhang, Caitlin Carroll	Mentor: Dr. Catherine Lemley
8:00 AM	Mental Imagery in Attention Deficit Disorder/Attention Deficit Hyperactivity Disorder and Posttraumatic Stress Disorder	# 80
Presenter:	Meghan Jones	Mentor: Dr. Catherine Lemley
8:00 AM	Feature Focused Bias in Change Blindness for North American College Students	# 81
Presenter:	Rebecca Dowling	Mentor: Dr. Catherine Lemley
8:00 AM	The Relationship between Musicians' Practice and Rumination and Depression	# 82
Presenter:	Meghan Jones	Mentor: Dr. Michael Roy
8:00 AM	Effect of a Music Intervention in South Africa on Students' Outlook	# 83
Presenter:	Erika Schnarrs	Mentor: Dr. Michael Roy
8:00 AM	Memory, Engagement and Bias in Remembered Duration	# 84
Presenters:	Mary Seidle, Michael Roy, Meghan Jones, Erika Schnarrs	Mentor: Dr. Michael Roy
FAPA		
Posters		
8:00 AM	Music Therapy and the Neurobiology of Alzheimer's Disease	# 86
Presenter:	Elizabeth Shea	Mentors: Dr. Gene Behrens, Dr. Aaron Cecala
8:00 AM	The Influence of Tempo, Dynamics, and Modality on Listener Perception of Emotion Within Short Digital Music Selections	# 87
Presenters:	Sarah Biedka, Erin Burg	Mentor: Dr. Gene Behrens
8:00 AM	How Tempo, Dynamics, and Modality Influence Listener's Perception of Emotion Within Short Acoustical Music Selections	# 88
Presenter:	Sarah Biedka	Mentor: Dr. Gene Behrens
8:00 AM	How Tempo, Dynamics, and Modality Influence Listener's Perception of Emotion Within Short Acoustical Music Selections	# 89
Presenter:	Sarah Biedka	Mentor: Dr. Gene Behrens
8:00 AM	The Influence of Tempo, Dynamics, and Modality on Listener's Perception of Emotion within Short Digital Music Selections	# 90
Presenters:	Erin Burg, Sarah Biedka	Mentor: Dr. Gene Behrens
8:00 AM	Effect of Music Stories on Short-Term Memory in Typically Developing Preschoolers	# 91
Presenters:	Melissa Gerner, Elizabeth Shea, Pauline Janvie	Mentor: Dr. Gene Behrens

Session I: 8:00 – 9:15 a.m.

Tuesday

FAPA	Panel Discussion	Zug Recital Hall
8:00 AM	World Musics Research	# 95
Presenters:	Pauline Janvie, Elizabeth Shea, Alyson Thorp, David Ebsworth, Laura Farnish, Maddy Jackson, Emily Levine, Lindsey Zeaross	Mentor: Dr. Kevin Shomer-Johnson

Artist: Václav Hasík '14



Abstracts On-Line: <http://www.etrwn.edu/scab/>

Tuesday Session II: 9:30 – 10:45 a.m.

Modern Languages		Presentations	H-107
9:30 AM	Expanding Language Learning and Teaching Horizons via College-Community Collaboration		# 100
Presenter: Shannon Brown		Mentor: Dr. Charla Lorenzen	
9:45 AM	English as a Survival Skill: Learning the Language to Survive and Thrive in an English Dominated World		# 101
Presenter: Alyson Wells		Mentor: Dr. Charla Lorenzen	
10:00 AM	Looking at Occupational Therapy in Latin-American Countries		# 102
Presenter: Brittan Nelson		Mentor: Dr. Charla Lorenzen	
10:15 AM	Learning Together: The Linguistic, Cultural, and Disciplinary Border Crossings of an Occupational Therapy / Foreign Language Education Collaboration		# 103
Presenters: Brittan Nelson, Alyson Wells		Mentors: Dr. Charla Lorenzen, Dr. Tameira Humbert	
Education		Portfolio Presentations	H-110
9:30 AM	A Framework for Teaching: Professional Portfolios for Educators		# 105
Presenters: Allison Oberg, Lauryn Kriessinger, Kathleen Kasun, Alyson Schimpf, Jayci Scannapieco, Lorin Weinger, Rebecca Page, Audra Byerly		Mentors: Dr. Kathleen Blouch, Dr. Carol Tyminski	
10:10 AM	A Framework for Teaching: Professional Portfolios for Educators		# 106
Presenters: Aleria Larch, Danielle Moyer, Danielle Fishman, Ashley Hultensine, Stephanie Crawford		Mentors: Dr. Kathleen Blouch, Dr. Carol Tyminski	
Sociology and Anthropology		Presentations	H-211
9:30 AM	What's in it For Me: The Effects of Denomination and Religious Experiential Preference on an Individual's Commitment to Organized Christian Religion		# 110
Presenter: Lindsey Summers		Mentor: Dr. Conrad Kanagy	
9:45 AM	Community, Harmony, and Humility: Core Values of Amish and Japanese Culture		# 111
Presenter: Katherine McMahon		Mentors: Dr. Donald Kraybill, Dr. Mahua Bhattacharya	
Physics and Engineering		Sustainable Engineering Symposium	Gibbie
9:30 AM	Symposium Introductory Remarks		# 120
9:45 AM	Solar Panel Sun Tracking		# 120
Presenters: Elizabeth Slattery, Andrew Vanderpool, Mark Yorgey		Mentor: Dr. Tomas Estrada	
10:00 AM	Solar Panel Cooling		# 121
Presenters: Matthew Rice, Sean Sheehan		Mentor: Dr. Sara Atwood	
10:15 AM	SunPlug: Plugging into the Sun		# 122
Presenters: Garrett Koep, Andrew Vanderpool		Mentor: Dr. Tomas Estrada	
Modern Languages		Anime to Zen Panel (continued)	BLR
9:30 AM	The Future of the Japanese Automotive Industry in Japan, Asia, and the World		# 125
Presenter: Joseph Shule		Mentor: Dr. Mahua Bhattacharya	
9:45 AM	Myamoto Yuriko and 'Kaze ni notte kuru Koropukkuru'		# 126
Presenter: Andrew Vanderpool		Mentor: Dr. Mahua Bhattacharya	
10:00 AM	Japanese Fantasy Tale "Kino no Tabi"		# 127
Presenter: Ryan Gertman		Mentor: Dr. Mahua Bhattacharya	
10:15 AM	Studio Ghibli's Foray into Video Games: Ni no Kuni		# 128
Presenter: Mallory Hendricks		Mentor: Dr. Mahua Bhattacharya	
10:30 AM	Japanese Influence on Western Art		# 129
Presenter: Ellen Wilson		Mentor: Dr. Mahua Bhattacharya	
Sociology and Anthropology		Presentations	H-212
9:30 AM	Memorite Education		# 130
Presenter: Faith Walker		Mentor: Dr. Donald Kraybill	

Artist: Caitlin Vajdic '12, Best in Ceramics SCAD 2011



Elizabethtown College Scholarship and Creative Arts Day, Schedule for Tuesday, April 24, 2012

Concurrent Sessions I: 8:00 - 9:15

Presentations			
H-107	H-110	H-211	BLR (Steinman)
8:00 AM			
8:15 AM	English	Education	Soc./Anth.
8:30 AM	10-13	Portfolios	20-22
8:45 AM		15-16	
9:00 AM			Anime to Zen
			Panel 33-34

Concurrent Sessions II: 9:30-10:45

Presentations			
H-107	H-110	H-211	BLR (Steinman)
9:30 AM			Sustainable
9:45 AM	Spanish	Education	Soc./Anth.
10:00 AM	100-103	Portfolios	110-111
10:15 AM		105-106	Symposium
10:30 AM			120-122
			125-129

Concurrent Sessions III: 11:00 - 12:30

Presentations			
H-107	H-110	H-211	BLR (Steinman)
11:00 AM	Spanish	Education	
11:15 AM	200	Portfolios	Sustainable
11:30 AM	History	210	Social Work
11:45 AM	202-203		Engineering
12:00 PM			Symposium
12:15 PM	English 204		230-233

Lunch 12:30 - 1:15

Concurrent Sessions IV: 1:00 - 2:45

Presentations			
H-107	H-110	H-211	BLR (Steinman)
1:15 PM			Social Work
1:30 PM	Math	Education	351-152
1:45 PM	330-332	Portfolios	
2:00 PM		339-341	Communications
2:15 PM			370-375
2:30 PM			

Keynote Speaker: Rebecca Skloot Leffler Chapel 3:00 - 4:30

Closing Reception - M&M Mars Room 5:00

Concurrent Sessions I: 8:00 - 9:15

Presentations			
H-212	H-213	H-214	H-215
Soc./Anth	Comp. Sci.	Theater	Education
35-39	41-42	45	OT
	Call to Lead	46-47	Music Therapy
	43-44		Psychology
			55-91

Concurrent Sessions II: 9:30-10:45

Presentations			
H-212	H-213	H-214	H-215
Soc./Anth	Religious	Business	Political Sci.
130-134	Studies	140-142	145-147
	135-139		
			Chemistry
			Bio./Chem.
			150-175

Concurrent Sessions III: 11:00 - 12:30

Presentations			
H-212	H-213	H-214	H-215
	Religious		Communications
Soc./Anth	Studies	English	Panel
250-255	260-265	270-273	280
			FAPA
			290-315

Lunch 12:30 - 1:15

Concurrent Sessions IV: 1:00 - 2:45

Presentations			
H-212	H-213	H-214	H-215
Soc./Anth	Biology	English	German
380-384	390-395	400-403	410-412

Keynote Speaker: Rebecca Skloot Leffler Chapel 3:00 - 4:30

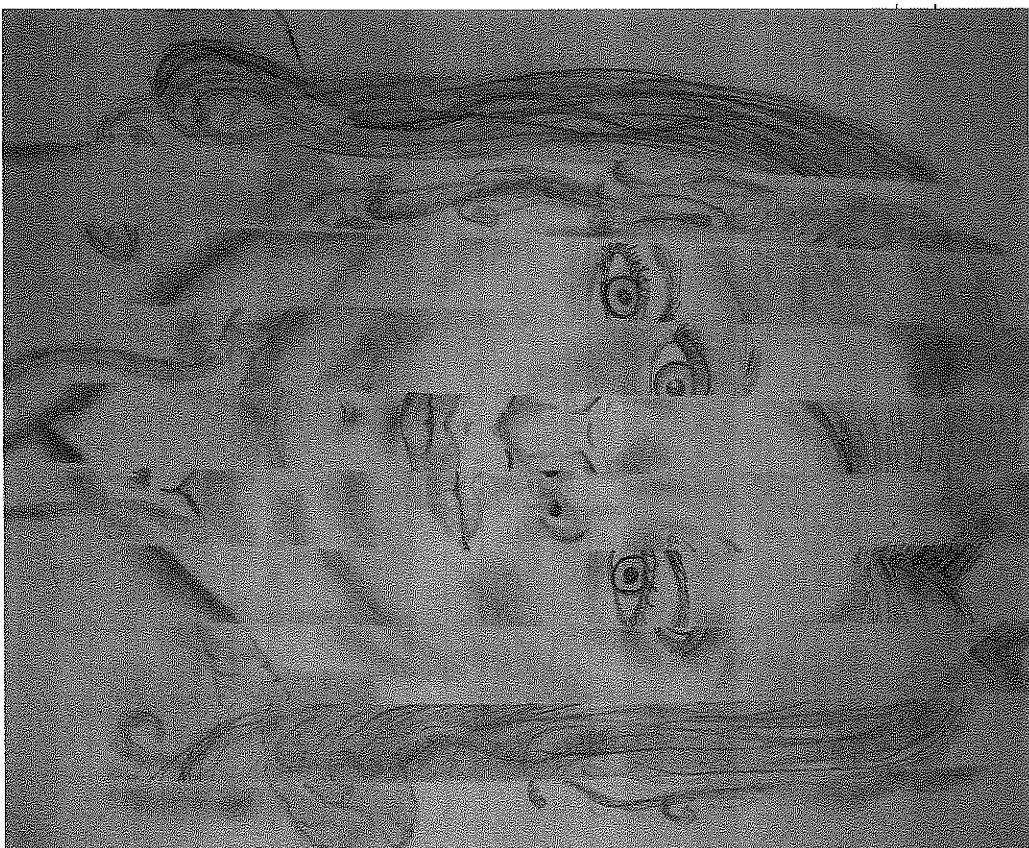
Closing Reception - M&M Mars Room 5:00

Art Exhibit: Annual Student Show in the Lyet Gallery at Leffler Chapel #1

Student presenters are listed with their session numbers at the end of this program.



Artist: Erika Kitch '14



Session II: 9:30 – 10:45 a.m.

Tuesday

9:45 AM	Mennonite Clashes with the Car	Mentor: Dr. Donald Kraybill	# 131
Presenter:	Daniel Gresh		
10:00 AM	Special Education in the Amish Community	Mentor: Dr. Donald Kraybill	# 132
Presenter:	Emily Cirullo		
10:15 AM	Photography in the Lives of Amish, Brethren, and Mennonites	Mentor: Dr. Donald Kraybill	# 133
Presenter:	Robert Graham		
10:30 AM	From A Cappella Unison Singing to Worship Bands: The Evolution of Brethren Music	Mentor: Dr. Donald Kraybill	# 134
Presenter:	Amy Wagner		
Religious Studies	Presentations	H-213	
9:30 AM	Methods of Hate: Similarities Between Native American and Jewish Persecution and Extermination		# 135
Presenters:	Crystal Greenawalt, Randy Burkholder, Jordan Godfrey, Jacob Teske	Mentor: Dr. Amy Milligan	
9:45 AM	Behind the Scenes: Establishing the Ideological Framework for Adolf Hitler's Rise to Power	Mentors: Dr. Amy Milligan, Dr. Jeffrey Long	# 136
Presenter:	Allison Kinney		
10:00 AM	The Mauritius Miracle: An Examination of Genocide and Dictatorship in Island Nations	Mentor: Dr. Amy Milligan	# 137
Presenters:	Jacob Teske, Randy Burkholder, Jordan Godfrey, Crystal Greenawalt		
10:15 AM	The Sudanese Struggle: A Brief History of Sudan and the Region's Genocides	Mentor: Dr. Amy Milligan	# 138
Presenters:	Jordan Godfrey, Randy Burkholder, Crystal Greenawalt, Jacob Teske		
10:30 AM	The Psychology of Mass Violence And the Role of Propaganda in Its Perpetration	Mentor: Dr. Amy Milligan	# 139
Presenters:	Randy Burkholder, Jordan Godfrey, Crystal Greenawalt, Jacob Teske		
Business	Presentations	H-214	
9:30 AM	A Global Perspective on America's Wealth Disparity	Mentor: Dr. Sanjey Paul	# 140
Presenter:	Patrick Doughty		
10:00 AM	The Sarbanes-Oxley Act of 2002: Is it Worth It?	Mentor: Ms. Terrie Riporella	# 141
Presenter:	Marc Weber		
10:15 AM	Kindling the Greek Financial Crisis	Mentor: Dr. Hossein Varamini	# 142
Presenter:	Zach Mitchell		
Political Science	Presentations	H-215	
9:30 AM	When Will We Get it Right? : A Comparative Legal Analysis of the Health Care Systems in the United States and Denmark	Mentor: Dr. Kyle Kopko	# 143
Presenter:	Sarah Kittle		
9:45 AM	Syria: a Repeated History or a New Phenomenon	Mentors: Dr. E. Fletcher McClellan, Dr. Oya Ozkarcia	# 146
Presenter:	Abdallah Ata		
10:15 AM	A New Beginning for the Elderly: Medicaid and Nursing Home Care	Mentors: Dr. Michael Pisapia, Dr. W. Wesley McDonald	# 147
Presenter:	Paul Mackey		
Biology	Abstracts On-Line: http://www.etrwn.edu/scad/	Masters Atrium	
9:30 AM	Carbon Sequestration by Trees on the Campus of Elizabethtown College, Pennsylvania		# 150
Presenter:	Autumn Phillips	Mentor: Dr. David Bowne	

Tuesday

Session II: 9:30 – 10:45 a.m.

9:30 AM	Pre-Restoration Stream Data for Amphibian Populations at Big Spring Run, Lancaster County, PA.	Mentor: Dr. David Bowne	# 151
Presenters:	Chelsea Payne, Samantha Hartzell		
9:30 AM	A Comparison of Soil Respiration in Turf Grass and Agricultural Environments	Mentor: Dr. David Brown	# 152
Presenter:	Erin Johnson		
9:30 AM	Expression of the heat shock proteins mortalin and HSP70 in Hydra	Mentor: Dr. Diane Bridge	# 153
Presenter:	Scott Douglas		
9:30 AM	Is FoxO Expressed in Interstitial Stem Cells in Hydra Vulgaris?	Mentor: Dr. Diane Bridge	# 154
Presenter:	Stephanie Gingrich		
9:30 AM	Creation of a GFP-T Antigen Fusion Protein Bearing the Rb- and p53-Binding Mutations to Address Fat Accumulation in Murine Stem Cells	Mentor: Dr. Jane Cavender	# 155
Presenters:	Kyle Lord, Viola Devine		
9:30 AM	The Effects of SV 40 Large Tumor Antigen Expression on 3T3-L1 Pre-Adipocyte Cell Differentiation	Mentor: Dr. Jane Cavender	# 156
Presenters:	Kevin Blot Jr., Jordan Godfrey		
9:30 AM	Mapping of the SV40 T antigen Binding Domain to TBP in Vivo	Mentor: Dr. Jane Cavender	# 157
Presenters:	Brian Franz, Matthew Rimbey		
9:30 AM	An Arrayed Human Genome Library Constructed in the PAC Shuttle Vector pUPAC-Mam2 For Genome-Wide Association Studies and Gene Therapy	Mentor: Dr. Jonathan Coren	# 158
Presenters:	Megan Herriman, Laura Wingert, Jessica Mandlak, Samantha Neidig		
9:30 AM	Riparian Buffer Impacts and Stream Temperature Changes in a First Order Pennsylvania Stream	Mentor: Dr. Thomas Murray	# 159
Presenter:	Chris Niles		
9:30 AM	Relative Quantities of Bacterial DNA within the Probiotic VSL#3	Mentors: Dr. Debra Wohl, Dr. Diane Bridge	# 160
Presenter:	Elizabeth Michel		
9:30 AM	Itching for Answers: Antibiotics Use During Delivery and Atopic Dermatitis	Mentor: Dr. Debra Wohl	# 161
Presenter:	Liesel Sieber		
9:30 AM	Determining Ampicillin Resistance of Enteric Bacteria in Forested, Agricultural, and Residential Habitats	Mentor: Dr. Debra Wohl	# 162
Presenters:	Brittany Delucio, Zachary Wender		
9:30 AM	Analyzing the Ability of Antibiotic-Sensitive Bacteria to Acquire Ampicillin Resistance through Exposure to Cadmium	Mentors: Dr. Debra Wohl, Dr. David Bowne	# 163
Presenters:	Melanie Stumm, Kira Biome		
9:30 AM	Decrease in CD8+ T cells Following Treatment of Mice with Exogenous Corticosterone	Mentor: Dr. Jodi Yorty	# 164
Presenter:	Elizabeth Bahr		
Chemistry and Biochemistry	Posters	Masters Atrium	
9:30 AM	Towards the Development of an Economical and Effective Means to Measure Salivary Cortisol as a Clinical Indicator of Stress	Mentor: Dr. Thomas Hagan	# 165
Presenter:	Syeda Ahmad		
9:30 AM	Adaptable Sensing Approach Based on Rigidochromic and Solvatochromic Luminochromes Embedded in Thin Hydrogel Films	Mentor: Dr. Kristi Kneass	# 166
Presenters:	Elaina Truax, Sarah Strohecker, Morgan McKenney		
9:30 AM	Synthesis and Characterization of Transitional Metal Complexes for Use in Luminescence-Based Sensors	Mentor: Dr. Kristi Kneass	# 167
Presenters:	Elizabeth Costello, Sarah Strohecker, Justin Warner		

Session II: 9:30 – 10:45 a.m.

Tuesday

9:30 AM	Synthesis of Dapoxyl Derivatives for Applications in Luminescence-Based Sensing	Mentors: Dr. James Mackay, Dr. Kristi Kneass	# 168
Presenter:	John Tellis		
9:30 AM	Studies of Intramolecular Cyclization of Isocyanates Activated by Nitrogen Nucleophilic Catalysts	Mentor: Dr. James Mackay	# 169
Presenter:	Lydia Whipple		
9:30 AM	Development of an Allenolate Variant of the Rauhnut Currier Reaction	Mentor: Dr. James Mackay	# 170
Presenter:	Stephen Morka		
9:30 AM	Structures and Properties of Magnesium Complexes Utilizing Schiff Base Ligands	Mentor: Dr. Jeffrey Rood	# 171
Presenter:	Zachary Schmidt		
9:30 AM	Preparation of Organomagnesium Complexes as Potential Catalysts for Ring Opening Polymerization	Mentor: Dr. Jeffrey Rood	# 172
Presenter:	Timothy Goldkamp		
9:30 AM	Synthesis of Schiff Base Magnesium Complexes for Ring Opening Polymerization Reactions	Mentor: Dr. Jeffrey Rood	# 173
Presenter:	Ayusa Sinha		
9:30 AM	Metal Organic Frameworks Constructed With Phosphinic Acid Ligands	Mentor: Dr. Jeffrey Rood	# 174
Presenter:	Steven Boyer		
Mathematics	Poster	Masters Atrium	
9:30 AM	Solutions to Challenging Math Problems V	Mentor: Dr. Timothy McDewitt	# 175
Presenters:	Eliel Lowy, Franklin Arnold, Alan Dyson, Michael Cheung		
FAPA	Original Composition for Honors Thesis	Zug Recital Hall	
10:30 AM	Mozart: An Original Composition for Symphonic Band	Mentor: Dr. James Haines	# 193
Presenter:	Tanna Leigh Gible		
FAPA	Presentations	Zug Recital Hall	
10:15 AM	Classics in Cartoons: Preservation of a Gene and Exposure for New Generations, Focusing on Warner Brothers Cartoons	Mentor: Dr. E. Douglas Bomberger	# 194
Presenter:	Pauline Jarvie		

SCAD 2011 Poster Session



Abstracts On-Line: <http://www.etrwn.edu/scad/>

Tuesday Session III: 11:00 a.m. – 12:30 p.m.

History	Presentations	H-107
11:30 AM	Romantic Period Notions of Women in the Brothers Grimm Fairy Tales	# 202
Presenter:	Allison Burkhardt	Mentor: Dr. Brian Newsome
11:45 AM	Fairy Tales and Their Importance in the German States	# 203
Presenter:	Brianna Maurer	Mentor: Dr. Brian Newsome
History/English	Presentations	H-107
12:15 PM	The Cowboys of the Sea	# 204
Presenter:	Claire Sedney	Mentor: Dr. Matthew Willen
Education	Portfolio Presentations	H-110
11:00 AM	A Framework for Teaching: Professional Portfolios for Educators	# 210
Presenters:	Ambera Tyson, Rachel Lage, Andrea James, Stephanie Smith, Alexandra Magriolo, Erin Healy	Mentors: Wendy Bellaw, Dr. Amy Thomason
Social Work	Presentations	H-211
11:00 AM	Exploration of the Longitudinal Impacts of a Childhood Obesity Program	# 220
Presenter:	Rebecca Wisner	Mentor: Dr. Susan Mapp
11:30 AM	Determining Risk Factors for Substantiation of Physical Abuse in Lancaster County	# 221
Presenter:	Kristin Hendricks	Mentor: Dr. Susan Mapp
12:00 PM	Rape as a Tool of War in the Democratic Republic of the Congo	# 222
Presenter:	Chelsea Commell	Mentor: Dr. Susan Mapp
Physics and Engineering	Sustainable Engineering Symposium (<i>cont'd</i>)	Gibble
11:00 AM	Project E-Rod: A Personal Transportation Unit	# 230
Presenters:	Patrick Albor, Collin Glass, James Hypanowski	Mentor: Dr. Tomas Estrada
11:15 AM	Harnessing the Sun: Solar Power at Elizabethtown College	# 231
Presenter:	Garrett Koep	Mentor: Dr. Tomas Estrada
11:30 AM	Robotics and Machine Intelligence Club Presentations	# 232
Presenters:	Mark Vorkey, James Kelly, Chris Janssen, Ely McCarthy	Mentors: Dr. Joseph Wunderlich, Dr. Tomas Estrada
12:00 PM	Sustainable Power System Design and Business Model for The Gambia	# 233
Presenters:	Emily Vogel, Ely McCarthy, Nick Young, Josh Rowlands, Erika Hawkins, Tabow Drouel	Mentor: Dr. Kurt DeGoede
Communications	Presentations	BLR
11:00 AM	Online Databases and Me: Creating Training Materials for Center City Film And Video	# 240
Presenter:	Sean Duesch	Mentor: Dr. Kirsten Johnson
12:15 PM	Producing a Video that Can Effectively Educate Biology Students	# 241
Presenter:	Katelynn Gohlhardt	Mentor: Dr. Kirsten Johnson
12:30 PM	Utilizing Color Grading in Video	# 242
Presenter:	Glenn Knight	Mentor: Dr. Kirsten Johnson
12:45 PM	Developing an Online Magazine to Educate and Inform Gluten-Free College Students	# 243
Presenter:	Kelly Clayton	Mentor: Dr. Kirsten Johnson
12:55 PM	The Creation of an Introductory Video to Raise Awareness	# 244
Presenter:	Kelsey Hayes	Mentor: Dr. Kirsten Johnson
1:00 PM	The Eyes are the Window to the Soul: The Creative Process in Developing Store Displays and the Effectiveness of Visual Merchandising on Consumer Buying Habits	# 245
Presenter:	Chelsea Decker	Mentor: Dr. Kirsten Johnson

Tuesday Session III: 11:00 a.m. – 12:30 p.m.

Increasing Website Visitation Through a Properly Managed Social Media Campaign		# 246
Presenter:	Shawn Corcoran	Mentor: Dr. Kirsten Johnson
Sociology and Anthropology Presentations		H-212
11:00 AM	Amish Genetics: How a Traditional Community Advances Scientific Knowledge	# 250
Presenter:	Madison Brown	Mentor: Dr. Donald Kraybill
11:15 AM	The Immersing Evolution of Brethren Baptism	# 251
Presenter:	Kristen Russ	Mentor: Dr. Donald Kraybill
11:30 AM	Something Old, Something New: A Comparative Study of Amish and Modern Weddings	# 252
Presenter:	Kristin Vines	Mentor: Dr. Donald Kraybill
11:45 AM	Are the Amish One Room School Houses Really the Best Option for Their Children?	# 253
Presenter:	Jennifer Cook	Mentor: Dr. Donald Kraybill
12:00 PM	Modern Technology in the Old German Baptist Brethren and Amish Communities	# 254
Presenter:	Kelly Seymour	Mentor: Dr. Donald Kraybill
12:15 PM	Their Deepest Hope in Suffering: A Comparison between Negro Spirituals and the Church Music of the Amish	# 255
Presenter:	Erin Solts	Mentor: Dr. Donald Kraybill
Religious Studies Presentations		H-213
11:00 AM	Hinduism, Christianity and Tolkien: A Cross-cultural Exploration	# 260
Presenter:	Jacob Teske	Mentor: Dr. Jeffrey Long
11:15 AM	Which is the Tail and which is the Dog? Ritual and Philosophy in Hinduism and Taoism	# 261
Presenter:	Kystal Dove	Mentor: Dr. Jeffrey Long
11:30 AM	Transforming a Religion: From Gautama Buddha to Zen Masters	# 262
Presenter:	Randy Burkholder	Mentor: Dr. Jeffrey Long
11:45 AM	Practice Doesn't Always Make Perfect, or Does It? A Case Study of a Youth Group and Emerging Best Practices in Contemporary Society	# 263
Presenter:	Lindsey Summers	Mentors: The Rev. Tracy Sadd, Dr. Jeffrey Long
12:00 PM	Why Lutherans Still Need to Know Luther	# 264
Presenter:	Reva May	Mentors: The Rev. Tracy Sadd, Dr. Jeffrey Long
12:15 PM	The Chiron Connection: Archetypal Cosmology and Cinema	# 265
Presenter:	Michael Newman	Mentors: Dr. Amy Simes, Dr. Jeffrey Long
English Presentations		H-214
11:00 AM	Organized Chaos: Stream of Consciousness in James Joyce's Ulysses and Samuel Beckett's Molloy	# 270
Presenter:	Tanna Leigh Gibble	Mentor: Dr. Mark Hamman
11:30 AM	Inward Versus Outward: German Expressionism Opposes Modernist Trends	# 271
Presenter:	Andrew Herm	Mentor: Dr. Mark Hamman
12:00 PM	Translating Kafka	# 272
Presenter:	Tamara Etcheberger	Mentor: Dr. Mark Hamman
12:15 PM	The Absence of Autonomy in the American Classroom and its Impact on the Devaluation of Childhood	# 273
Presenter:	Ross Benincasa	Mentor: Dr. Matthew Skillen

Tuesday Session III: 11:00 a.m. – 12:30 p.m.

Political Science		Panel Discussion	H-215
11:00 AM	Model United Nations: Experiencing the World of International Diplomacy		# 280
Presenters:		Anni Ngo, Paul Whitman, Lauren Hamilton, Ambre Biehl, Michele McKissick, Nilna Wheeler, Abdullahi Ala	
Communications		Posters	Masters Atrium
11:00 AM	How Social Media Affects Face-to-Face Social Interaction		# 290
Presenters:		Thomas O'Connell, Justin Sable	
11:00 AM	What Types of Radio Shows Do Students Want to Hear and When?		# 291
Presenters:		Brett Antosh, Zakya Fulton-Anderson	
11:00 AM	Elizabethtown College Students and How They Obtain College-Related News		# 292
Presenter:		Jessica Sassani	
11:00 AM	Busting Out of the Elizabethtown College Bubble		# 293
Presenters:		Rachel Barr, Whitney Ruff	
11:00 AM	Effects of Computer-Mediated Communication on Interpersonal Communication		# 294
Presenter:		Cary Drebl	
11:00 AM	The Effects of Popular Music on Behavior		# 295
Presenters:		Melissa Manda, Beth Koren	
11:00 AM	Your Social Media Presence and Employment		# 296
Presenters:		Alexa Masano, Austin Forey	
11:00 AM	How American Media Impacts the International Student's View of American Culture		# 297
Presenter:		Ameeda Lor	
11:00 AM	Stereotypical Comedy		# 298
Presenters:		Shalzer David, Kyle Schutz	
11:00 AM	Journalists and their Portrayal in the Media		# 299
Presenter:		Kylar Krebs	
Sociology and Anthropology		Posters	Masters Atrium
11:00 AM	Do You Like Yourself?: The Effect of Socioeconomic Status and Gender of Self-Esteem Scores		# 300
Presenter:		Lindsey Cooper	
11:00 AM	How I Learned to Date: A Content Analysis of the Portrayal of Romantic Relationships on Television		# 301
Presenter:		Victoria McColium	
11:00 AM	Smile! You're on Disney Channel!: A Content Analysis of Adult to Adult Relationships on "Good Luck Charlie"		# 302
Presenter:		Samantha Peters	
11:00 AM	To Post or Not To Post: A Content Analysis of "Facebook Parenting: For the Troubled Teen"		# 303
Presenters:		Lucas Stasinsic, Erik Weber, Zachary Wendler	
11:00 AM	New Roles, Old Challenges: A Content Analysis of Gender and Division of Household Labor on NBC's "Up All Night"		# 304
Presenter:		Samantha Strollo	
11:00 AM	Until Infidelity Do Us Part?: The Effects of Religiosity and Spirituality on Marital Infidelity		# 305
Presenter:		Maggie Keeler	
11:00 AM	Who's Spending Your Money?: The Effect of Political Affiliation, Religion, and Income on Attitudes Toward Government Spending on Defense		# 306
Presenter:		Lauren Hamilton	
11:00 AM	The "Big Four": Using Forensic Anthropology to Determine Sex, Age, Ethnicity, and Height of a Skeletonized Individual		# 307
Presenter:		Taylor Wambaugh	

Session III: 11:00 a.m. – 12:30 p.m.

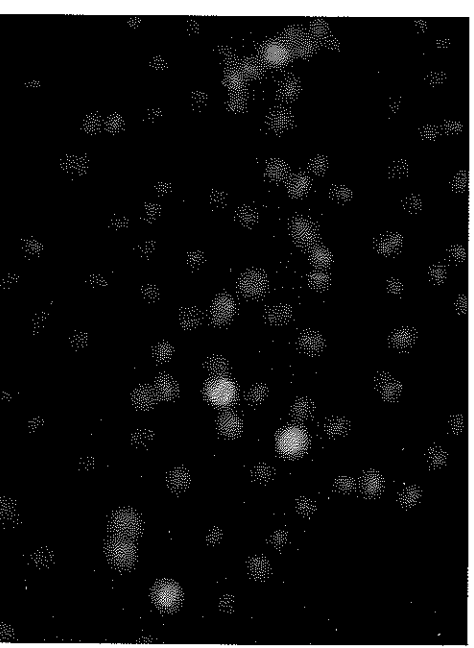
Tuesday

Theater		Poster	Masters Atrium
11:00 AM	I Love the View from Up Here		# 308
Presenter:		Keller Robinson	
FAPA		Poster	Masters Atrium
11:00 AM	Specialization in Music Education: The Effects of Budget Cuts to the Duties of a Music Educator in Lancaster County		# 315
Presenter:		Danielle Fishman	
FAPA		Presentations	Zug Recital Hall
11:00 AM	The Influence of Tempo, Dynamics, and Modality on Listener Perception of Emotion within Short Digital Music Selections		# 320
Presenters:		Sarah Bledka, Erin Bug	
11:30 AM	Music Therapy and the Neurobiology of Alzheimer's Disease		# 321
Presenter:		Elizabeth Shea	



Anna Carper Excellence in Library Research 2011
Award Winner
Left to right
Mentor: Sarah Daughtrey, Assistant Professor of Music
Student: Shannon O'Leary

Photo of Hela Cells by
Dr. Jane Cavender, Biology



Abstracts On-Line: [HTTP://www.ecrown.edu/scad/](http://www.ecrown.edu/scad/)

Tuesday Session IV: 1:15 – 2:45 p.m.

Mathematics		Presentations	H-107
1:15 PM	Mathematics Behind the Game "SET"	Mentor: Dr. Leyla Batakci	# 330
Presenter:	Elizabeth Starkey		
1:30 PM	Optimal Strategy for Playing Around the World	Mentor: Dr. Timothy McDevitt	# 331
Presenter:	Frank Arnold		
2:00 PM	A Graph Theoretic Approach to Bloxorz	Mentor: Dr. Timothy McDevitt	# 332
Presenter:	Matthew Butler		
Education		Portfolio Presentations	H-110
1:15 PM	A Framework for Teaching: Professional Portfolios for Educators	Mentors: Dr. Kathleen Blouch, Charles Repucci, Dylan Wadell	# 339
Presenters:	Susana Brown, Jennifer Warner, William Meany, Jenna Mattox, Dr. Amy Thomason		
1:45 PM	A Framework for Teaching: Professional Portfolios for Educators	Mentors: Dr. Kathleen Blouch, Dr. Carroll Tyminski	# 340
Presenters:	Kyra Scantlebury, Katie Evans, Laura Farnish, Gabriel Robinson, Kristen Walls, David Hildeman, Mitchell Hughes		
2:15 PM	A Framework for Teaching: Professional Portfolios for Educators	Mentors: Dr. Kathleen Blouch, Amanda Vaine, Amanda Sprague, Shannon Brown, Julia Schaefer, Dr. Carroll Tyminski	# 341
Presenters:	Lauren Duffy, Mark Vogel, Kathryn Rudy, Ashley Sloops		
Social Work		Presentations	H-211
1:15 PM	Assessment of Human Trafficking Knowledge among Law Enforcement Officers in Central Pennsylvania	Mentor: Dr. Susan Mapp	# 351
Presenter:	Jessica Juhnke		
1:45 PM	Analysis of the Knowledge of Human Trafficking Among Social Service Providers in Central Pennsylvania	Mentor: Dr. Susan Mapp	# 352
Presenter:	Chelesea Mitchell		
Communications		Presentations	BLR
1:15 PM	Social Media and Small Business Promotion	Mentor: Dr. Tamara Gillis	# 370
Presenter:	Kristy Castellini		
Presenter:	Constructing an Effective Promotional Campaign for a Small Business	Mentor: Dr. Tamara Gillis	# 371
Presenter:	Mitchelle Hare		
Presenter:	Developing a PR Campaign to Generate Awareness	Mentor: Dr. Tamara Gillis	# 372
Presenter:	Kathlyn Miller		
Presenter:	Implementing Communication Strategies to Assist in the Volunteer Recruiting Process for Nonprofit Organizations	Mentor: Dr. Tamara Gillis	# 373
Presenter:	Jordyn Howe		
Presenter:	Creating an Informative Video to Increase Awareness and Donor Participation	Mentor: Dr. Tamara Gillis	# 374
Presenter:	Janie Szpist		
Presenter:	Anniversary Celebrations: Historical Milestones Represented Through the Media	Mentor: Dr. Tamara Gillis	# 375
Presenter:	Kelly Sauerzopf		
Sociology and Anthropology		Presentations	H-212
1:15 PM	Hoping for Brighter Days Ahead: Amish Treatment of Mental Illnesses	Mentor: Dr. Donald Kraybill	# 380
Presenter:	Rustin Dudley		
1:45 PM	The Afterlife: Amish and Modern American Views	Mentor: Dr. Donald Kraybill	# 381
Presenter:	Matthew Walters		
2:00 PM	Feeding the Amish: Changes in Two Generations of Food Preparation and Consumption	Mentor: Dr. Donald Kraybill	# 382
Presenter:	Emily Gockley		
2:15 PM	It's All in the Genes: Prevalence and Treatment of Genetic Disease in the Amish	Mentor: Dr. Donald Kraybill	# 383
Presenter:	Amanda McCaffrey		
2:30 PM	The English Threat to Pennsylvania German	Mentor: Dr. Donald Kraybill	# 384
Presenter:	Tamara Etchelberger		

Tuesday Session IV: 1:15 – 2:45 p.m.

Biology		Presentations	H-213
1:15 PM	Let There Be Light: Light posts and Emergency Call Box Locations on Elizabethtown College Campus	Mentor: Dr. David Bowne	# 390
Presenter:	Charlie Rubis		
1:30 PM	Where Should the Field House Go? Site Selection on the Elizabethtown College Campus	Mentor: Dr. David Bowne	# 391
Presenter:	Tiffany McLelland		
1:45 PM	Where are the Trees? Mapping Tree Locations on Elizabethtown College's Campus	Mentor: Dr. David Bowne	# 392
Presenter:	Autumn Phillips		
2:00 PM	More Farms or More Families? An Assessment of Land Use Change in Lancaster County 1990-2008	Mentor: Dr. David Bowne	# 393
Presenter:	Erin Johnson		
2:15 PM	Spatial Distribution of Elephant Facilities in the United States and Canada	Mentor: Dr. David Bowne	# 394
Presenter:	Elise Newton		
2:30 PM	Oh Deer! Analysis of Pennsylvania Deer Harvest in Relation to Land Use	Mentor: Dr. David Bowne	# 395
Presenter:	Chesee Payne		
English		Presentations	H-214
1:15 PM	Discipline, Torture, and Panopticism, Oh My: Michel Foucault's Theories in George Orwell's 1984 and Animal Farm	Mentor: Dr. Kimberly Adams	# 400
Presenter:	Tanna Leigh Glibbe		
1:45 PM	Reaching for More: Learning from the Darkness to Embrace the Light	Mentor: Dr. David Downing	# 401
Presenter:	Rebecca Long		
2:15 PM	"All right, then, I'll go to hell": The Influence of Society and Nature on Conscience in Huckleberry Finn	Mentor: Dr. John Rohrkemper	# 402
Presenter:	Shanna Kirgan		
2:30 PM	Learn Something New Every Day: Coming of Age in Their Eyes Were Watching God and The Nick Adams Stories	Mentor: Dr. John Rohrkemper	# 403
Presenter:	Lauren Stine		
Modern Languages		Presentations	H-215
1:15 PM	What is Turkish-German Literature?	Mentor: Dr. Mark Harman	# 410
Presenter:	Ceyda Sablak		
1:45 PM	Reclaiming Memory: The Making of a Holocaust Survivor Story	Mentor: Dr. Mark Harman	# 411
Presenter:	Jessica Funfani		
2:15 PM	Gottesmord: Visions of a World without Religion	Mentor: Dr. Mark Harman	# 412
Presenter:	Tyler Kunkle		
Computer Science		Posters	Masters Atrium
1:15 PM	ECrypt: A Tool for Encryption and Decryption	Mentor: Dr. Thomas Leap	# 420
Presenter:	Kathryn Houser		
1:15 PM	Campus Digital Signage	Mentors: Dr. Thomas Leap, Mr. Brian Heim	# 421
Presenter:	Andrew Sauls		
1:15 PM	Classroom Lab Virtualization	Mentors: Dr. Fani Zlatarova, Mr. Sam Rothenmel	# 422
Presenter:	Steve Wilczek		
1:15 PM	Tracking Green Initiatives	Mentor: Dr. Fani Zlatarova	# 423
Presenter:	Kyle Deeds		
1:15 PM	Online Fantasy Football Using a Database	Mentor: Dr. Fani Zlatarova	# 424
Presenter:	William Bentley		
Physics and Engineering		Posters	Masters Atrium
1:15 PM	Engineering Devices for Music Therapy I	Mentors: Dr. Sara Atwood, Dr. Kurt BaGoede	# 425
Presenters:	Shane Weller, Kyle Gable, Kyle Will, Shwe Hein		

Tuesday

Session IV: 1:15 – 2:45 p.m.

1:15 PM	K-12 Engineering Outreach by Undergraduates	Mentor: Dr. Sara Atwood	# 426
Presenter:	Nicholas Young		
1:15 PM	K-12 Engineering Outreach by Undergraduates	Mentor: Dr. Sara Atwood	# 427
Presenters:	Bradley Risser, Joshua Rowlands, Emily Vogel, Courtney Warlick, Shane Weiler, Brian Wenger, Kyle Will		
1:15 PM	K-12 Engineering Outreach by Undergraduates	Mentor: Dr. Sara Atwood	# 428
Presenters:	Vaclav Hasik, Ralal Kios, Brian Layng, Tuyen Le, Scott Lewis, Ellen Lowy, Eleanor McCarthy		
1:15 PM	K-12 Engineering Outreach by Undergraduates	Mentor: Dr. Sara Atwood	# 429
Presenters:	James Annab, Deborah Bartyczak, Patrick Dixon, Andrew Fetterman, Anthony Fracocca, Joshua Frey, Kyle Gable		
1:15 PM	Apple Chunkin'	Mentor: Dr. Sara Atwood	#430-439
Presenters:	Juanita Washington, Wayne Gross, Cozette Zimmerman, Daniel Thompson		# 430
Presenters:	Joshua Frey, David Cain, Matthew Kiempa, Jack Hess		# 431
Presenters:	Meghan Donohue, Matthew Bassett, Tyler Athey, Kyler Killinge		# 432
Presenters:	Daniel Gresh, Andres Hartman, Josiah Buxton, Justin Signora, Patrick Kelly		# 433
Presenters:	Andrew Kniela, Dustin Cramer, Braden Rudesill, Luke Yarek, James Cohen		# 434
Presenters:	Brandon Harris, Christopher Pautzer, Matthew Jadro, Cristian Salgado, Ryan Supplee		# 435
Presenters:	Matthew Frey, Nathaniel Flickinger, Graeff Phillips, Mark Kaye, Kelvin Jerry		# 436
Presenters:	Alexander Barrow, Devon Bosby, Richard Stutz, Tucker Strausbaugh, Kaylee Werner		# 437
Presenters:	David Boretit, Eric Borkowicz, Dylan Siser, Cesar Rojas, Sajid Amir		# 438
1:15 PM	Engineering Devices for Music Therapy II	Mentor: Dr. Sara Atwood	# 439
Presenters:	Nathan Caullil, Melissa Hessebauer, Deborah Bartyczak		
1:15 PM	The Computational Analysis of Lamellar Orientation and Size in Ultra-High Molecular Weight Polyethylene	Mentor: Dr. Sara Atwood	# 440
Presenter:	Kelly Seymour		
1:15 PM	Steel Tubing and Welding Fatigue Test Analysis: A BMW Approach	Mentor: Dr. Sara Atwood	# 441
Presenter:	Brian Wenger		
1:15 PM	SABVI Production Line	Mentor: Dr. Sara Atwood	# 442
Presenters:	Ryan Hannon, Jake Hoffstein, Shaun Martin, Scott Lewis		
1:15 PM	Design and Fabrication of a Bicycle Shelter	Mentor: Dr. Kurt DeGoede	# 443
Presenters:	Jack Hess, James Annab, Matthew Kiempa, Ruiz Jose		
1:15 PM	Study Carrels	Mentor: Dr. Kurt DeGoede	# 444
Presenters:	Vaclav Hasik, Tuyen Le, Andrew Fetterman, Josh Frey		
1:15 PM	E-TRK: Development of Real-Time Motion-Capture Software	Mentors: Dr. Kurt DeGoede, Dr. Daniel Panchik	# 445
Presenters:	Kelly Seymour, Russell Spelden, Alyssa Paranto		
1:15 PM	Granola Packaging	Mentors: Dr. Kurt DeGoede, Dr. Sara Atwood	# 446
Presenters:	Gianfranco Moi, Derek Boyer, Kent Herson		
1:15 PM	Control System for Workstation Crane to Minimize Acceleration Forces	Mentors: Dr. Tomas Estrada, Dr. Kurt DeGoede	# 447
Presenters:	Bradley Risser, Nicholas Seaman		
1:15 PM	Structural Support Joint Stress Testing	Mentor: Dr. Tomas Estrada	# 448
Presenters:	Patrick Dixon, Steven Farmer		
1:15 PM	Design and Implementation of a Fiber-Optic Communication link	Mentor: Dr. Ilan Grave	# 449
Presenter:	Thel Lwin Aung		
FAPA	Presentations	Zug Recital Hall	
1:15 PM	How Tempo, Dynamics, and Modality Influence Listener's Perception of Emotion Within Short Acoustical Music Selections	Mentor: Dr. Gene Behrens	# 450
Presenter:	Sarah Bedka		

Session IV: 1:15 – 2:45 p.m.

Tuesday

2:15 PM Effect of Music Stories on Short-Term Memory in Typically Developing Preschoolers

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Presenters: Melissa Gerner, Elizabeth Shea, Pauline Jarvie Mentor: Dr. Gene Behrens



SCAD 2011 Poster Session, Masters Atrium

Abstracts On-Line: [HTTP://www.etrovn.edu/scad/](http://www.etrovn.edu/scad/)

Participant Index

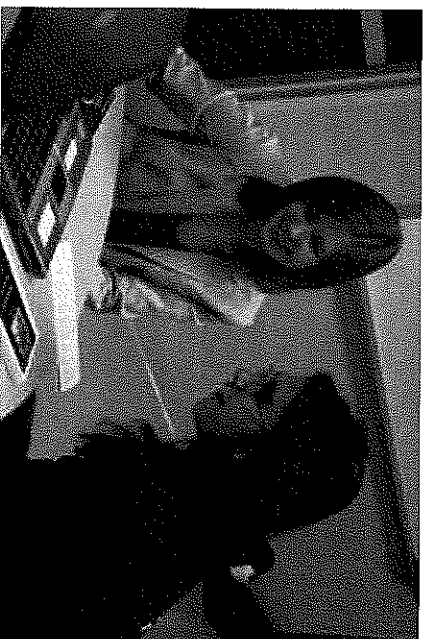
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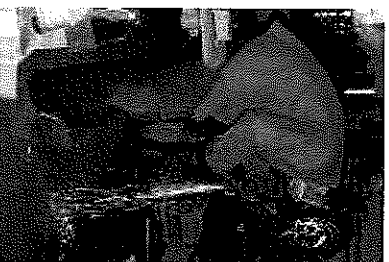
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Educational Portfolio Presentation, SCAD 2011

Thank you for
 attending



Sculpture Class



Closing Ceremony 2010

2012 SCHOLARSHIP & CREATIVE ARTS DAY COMMITTEE

Scholarship and Creative Arts Day is made possible by the contributions of many staff and faculty members and students. Serving on the various committees and subcommittees this year are:

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Cover by Taylor Luckenbill'15,

Theatre and Religious Studies

Congratulations to Taylor Luckenbill'15, winner of the 2012 Scholarship and Creative Arts Day program cover contest!



In class, we were encouraged to play with value and texture in our artwork. In this particular piece, I wanted to show a clear difference of dark and light, thin lines and thick lines, and detail and no detail. SCAD is a great opportunity for students to showcase their many talents that may not be seen as conventional. It shows that we, as a student body, are diverse in our talents.

"There is a great love for the freedom of expression in the arts as well as an appreciation for academics on this campus."
