

# SCAD



14TH ANNUAL SCHOLARSHIP AND  
CREATIVE ARTS DAY

APRIL 19-20, 2021

VIRTUAL CONFERENCE

#ETOWNSCAD21



# SCHOLARSHIP AND CREATIVE ARTS DAY

Elizabethtown College students reach success through our 21st century curricula combining high-quality professional programs, real-world experiences involving hands-on opportunities to conduct academics and research, and a 120+ year learning tradition of thinking critically, analyzing deeply, and communicating effectively.

Our annual Scholarship and Creative Arts Day (SCAD) is a forum for our students to present their academic research in their respective disciplines, while others showcase talents through recitals and a juried art exhibit. The scholarly work and presentations would not be possible without our faculty mentors who dedicate their time and expertise to helping our students succeed.

With the excellent education and training, our students go out into the world and make an impact. Our annual SCAD demonstrates our College's commitment to fostering those impacts being made and to the importance of scholarly research.

Cecilia McCormick, President  
Elizabeth A. Rider, Senior Vice President  
for Academic Affairs and Dean of Faculty

# Scholarship and Creative Arts Days at a Glance

## Monday, April 19, 2021

### Occupational Therapy Graduate Research Symposium

5:00- 5:45 pm Opening Ceremonies

5:50 pm Session 1

6:25 pm Session 2

7:00 pm Session 3

7:35 pm Finale

### Fine and Performing Arts Recital

7:30 pm Musser Auditorium, Leffler Chapel and Performing Arts Center

### Presentation Format Information

The presentations for 2021 Scholarship and Creative Arts Day student conference will be shared during the live virtual sessions listed in this program.

### 34th Annual Juried Art Show

April 1 – April 23, 2021

Lyet Gallery, The Leffler Chapel and Performance Center



# Occupational Therapy Graduate Research Symposium

Monday, April 19, 2021

Click on the Zoom meeting icons for presentation meeting

Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Judy Beck Ericksen, PhD, OTR/L</b>	
4/19/21	<b>A Portrayal of Occupational Therapy in Media from 20 PM19: A Content Analysis</b>		# 3
5:50-6:20 PM			
Presenters:	Sarah Hawkins, Leanna Miller, Christiana Onimus, Lauren Schieb		Mentor: Judy Beck Ericksen, PhD, OTR/L
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Nancy Carlson, PhD, OTR/L</b>	
4/19/21	<b>The Brain-Body Center Sensory Scales: How Does it Fit into Traditional Sensory Processing</b>		# 4
5:50-6:20 PM	<b>Evaluation?</b>		
Presenters:	Elizabeth Anderson, Courtney Gelb, Nameer Kazzaz,		Mentor: Nancy Carlson, PhD, OTR/L
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Kerri Hample, OTD, OTR/L, FMCHC</b>	
4/19/21	<b>Interceptive Awareness: Do you need to be able to understand your body in order to</b>		# 5
5:50-6:20 PM	<b>regulate?</b>		
Presenters:	Claudia Jones, Joseph Sensenig, Amber Sheesley, Phoebe Thomasco		Mentors: Kerri Hample, OTD, OTR/L, FMCHC Kelly Mahler, OTD, OTR/L
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Gina Fox, OTD, OTR/L</b>	
4/19/21	<b>To Splint or Not to Splint?: Initial Therapist Perspectives of a Decision Tree for Upper</b>		# 6
5:50-6:20 PM	<b>Extremity Splinting after Acquired Brain Injury</b>		
Presenters:	Hailey Alger, Natalie Capone, Emily Fishkind, Ian McDowell		Mentor: Gina Fox, OTD, OTR/L
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Tamera Keiter Humbert, D.Ed., OTR/L</b>	
4/19/21	<b>Community Reentry Programs and Their Impacts on Reentrant's Daily Occupations</b>		# 7
5:50-6:20 PM			
Presenters:	Tajanae Baker, Hali Eckenrode, Sarah Guttman, Hannah Leibensperger		Mentor: Tamera Keiter Humbert, D.Ed., OTR/L
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Judy Beck Ericksen, PhD, OTR/L</b>	
4/19/21	<b>Effectiveness of Sensory Based Interventions in School Settings: A Mixed Methods Research</b>		# 8
6:25-6:55 PM	<b>Synthesis</b>		
Presenters:	Ashleigh Denault, Sara Lingo, Lenea Riehl, Zoe Spadaro		Mentor: Judy Beck Ericksen, PhD, OTR/L
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Terri Reichley Dennehy, DEd, OTR/L</b>	
4/19/21	<b>The Effects of Mindfulness Apps on College Students' Stress and Occupational Performance</b>		# 9
6:25-6:55 PM			
Presenters:	Alyssa Ginder, Sarah Helt, Lianna Procida, Cameron Robbins		Mentor: Terri Reichley Dennehy, DEd, OTR/L

Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Daniel Panchik, DSc, OTR/L, CLT-LANA</b>	
4/19/21	The Effectiveness of Advanced Pneumatic Compression Devices in the Treatment of		# 10
6:25-6:55 PM	Lymphedema: A Systematic Review		
Presenters:	Delaney Klepper, Kaitlyn Knecht, Jessica Pron, Melanie Schuller	Mentor: Daniel Panchik, DSc, OTR/L, CLT-LANA	
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Kerri Hample, OTD, OTR/L, FMCHC, NBC-HWC</b>	
4/19/21	Toileting Difficulty in Childhood Autism: Pilot Study using Interoception, Nutrition, and Pelvic		# 11
6:25-6:55 PM	Floor Interventions		
Presenters:	Isabelle Hughes, Jessica Kutteroff, Rebecca Leary,	Mentor: Kerri Hample, OTD, OTR/L, FMCHC, NBC-HWC	
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Tamera Keiter Humbert, D.Ed., OTR/L</b>	
4/19/21	Traumatic Brain Injury and Grief: A Phenomenological Approach in Occupational Therapy		# 12
6:25-6:55 PM			
Presenters:	Megan Delaney, Emily Frenz, Olivia Geiger, Katherine Kruis	Mentor: Tamera Keiter Humbert, D.Ed., OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Diane Martin, OTD, OTR/L</b>	
4/19/21	Enhancing Child and Family Engagement in Social and Community Participation: Outcomes		# 13
7:00-7:30 PM	of an Early Intervention Sensory Motor Group		
Presenters:	Erin Doherty, Maria Giamba, Sarah Posey, Alexis Preston	Mentor: Diane Martin, OTD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Debbie Waltermire, DrPH, OTR/L</b>	
4/19/21	Exploring the daily life of adults with congenital heart disease during the COVID-19 pandemic		# 14
7:00-7:30 PM			
Presenters:	Julia Aleo, Samantha Bailey, Erin Dart, Meghan Matje	Mentor: Debbie Waltermire, DrPH, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Terri Reichley Dennehy, DEd, OTR/L</b>	
4/19/21	Perceptions of OTA/OT Students on Virtual Immersive Learning for Intraprofessional		# 15
7:00-7:30 PM	Collaboration		
Presenters:	Emily Buss, Scarlett Lehman, Jordan Sobolesky, Ceara Woelfel	Mentor: Terri Reichley Dennehy, DEd, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Angela Salvadia, EdD, OTR/L</b>	
4/19/21	Caring for Caregivers of Stroke: An Exploratory Study to Define Occupational Therapy's Role		# 16
7:00-7:30 PM			
Presenters:	Hannah Paymer, Allison Plotts, Madison Tyrrell, Abigail Whitehead	Mentor: Angela Salvadia, EdD, OTR/L	
Occupational Therapy		Presentation	
		Panel Moderator(s): <b>Erica K. Wentzel, OTD, OTR/L</b>	
4/19/21	Knowledge of Trauma Informed Care in the Neonatal Intensive Care Unit		# 17
7:00-7:30 PM			
Presenters:	Anajulia Blanch, Jessica Clark, Lydia Lawson, Jesse Sartor	Mentor: Erica K. Wentzel, OTD, OTR/L	

# Scholarship and Creative Arts Days Recital

Elizabethtown College School of Arts and Humanities Department of Music presents its  
Scholarship and Creative Arts Day Student Honors Recital

April 19, 2021 at 7:30 p.m.

Musser Auditorium , Leffler Chapel and Performing Arts Center

## PROGRAM

- Partita No. 3 in E Major, BWV 1006  
II. Gavotte en Rondeau  
Johann Sebastian Bach (1685-1750)  
Bruno Coletta '21, violin
- Sonata in A Major  
IV. Allegretto poco mosso  
César Franck (1822-1890)  
Jayden Gibson '22, flute  
Dr. Justin Badgerow, piano
- Elijah  
Felix Mendelssohn (1809-1837)  
Arr. Larry Teal  
Gabriella Clarizio '21; Jacob Hill '23;  
Julie Nitowski '22; Angelina Pisacane '21, saxophones
- Partita No. 2 in D minor, BWV 1004  
I. Allemande  
Johann Sebastian Bach (1685-1750)  
Sarah Peppe '21, violin
- Sonata for Alto Saxophone  
II. Expressively  
Paul Creston (1906-1985)  
Julie Nitowski '22, alto saxophone  
Dr. Justin Badgerow, piano

# Scholarship and Creative Arts Days Recital

“Come to My Garden” from The Secret Garden

Lucy Simon (b. 1943)

Lyrics by Marsha Norman

Arr. John Leavitt

Natalie Blanton '22; Hunter Eshbach '22; Abby Illingworth '21;

Emily Singer '21; Cara Warntz '22

Dr. Justin Badgerow, piano

Winter Spirits

Katherine Hoover (1937-2018)

Mary Lichtenwalner '22, flute

A Journey Above the Clouds

Joshua Koch (b. 1999)

Joshua Koch '22, piano

Again

Arnor Chu (b. 2000)

Devynn Napp-Barker '23; Amaris Wolfe '23, marimbas

Applied Studio Faculty

Brent Behrenshausen, percussion

Dr. Anne Gross, voice

Dr. Paula Nelson, flute

Faith Shiffer, saxophone

Nana Vaughn, violin

Recital Committee Members

Dr. Anne Gross

Dr. Robert Spence

Acknowledgments

Dr. Justin Badgerow

Dr. Douglas Bomberger

Barry Fritz

Dr. James Haines

Melissa Hagman

Amy Reynolds

# Scholarship and Creative Arts Days at a Glance

## Tuesday, April 20, 2021

### Showcase of Scholarship Presentations

Presentations, panel discussions, posters, portfolios, exhibits: Live sessions

#### Session I 9:30 AM to 10:50 AM

- Communications
- International Business Panel
- English
- Biology (HID)
- Engineering Posters
- EGR 402
- Occupational Therapy
- Community Living
- Political Science

#### Session II 11:00 AM to 12:20 PM

- Occupational Therapy
- Communications
- Business
- Education
- Women and Gender Studies
- Biology
- Mathematics
- Psychology
- Honors Posters

#### Session III 1:15 PM to 2:35 PM

- Occupational Therapy
- Political Science
- Business
- ML-Japanese
- ML-French
- Music
- Biology
- Mathematics
- Engineering
- Computer Science
- Psychology

#### Session IV 2:45 PM to 4:05 PM

- Sociology
- Political Science
- Business
- Religious Studies
- ML-Spanish
- Engineering Posters EGR 201
- Biology
- Chemistry and Biochemistry
- Psychology



# Keynote Events

Ranck Award Prize for Research Excellence winners will deliver remarks at the Opening and Closing Plenaries of the 14th Annual Scholarships and Creative Arts Day.



## Opening Plenary

Dr. Susan Mapp, Professor of Social Work

2019-20 recipient of the Ranck Prize for Research Excellence

Research for Service: Finding My Path to Social Change

April 20, 2021 at 8:30 am

## Closing Plenary

Jeffery Long, Professor of Religious Studies and Asian Studies

2020-21 recipient of the Ranck Prize for Research Excellence

From Montgomery City, Missouri to the United Nations: The Life, Work, and Journey of a Religion Scholar

April 20, 2021 at 4:15 pm



# Keynote Events



The recipients of the Ranck Prize for Research Excellence were chosen by the Professional Development Committee from nominations submitted by faculty peers. In addition to receiving a monetary award and a supplement to their professional development fund to support ongoing scholarly activity, they will deliver remarks during the 14th annual Scholarship and Creative Arts Day.

## Ranck Prize Background:

Robert O. Kerr '64 and Mary Ann Kerr '64 established the Ranck Prize for Research Excellence as a permanent endowment to award a full-time faculty member of Elizabethtown College and to commend and celebrate excellence in research and commitment to his or her field of study. The prize honors John P. Ranck '58, faculty member emeritus and former chair of the Department of Chemistry and Biochemistry, for "his inspirational service to countless students at Elizabethtown College."

# 14<sup>th</sup> Annual Scholarship and Creative Arts Day



## Session I 9:30-10:50 am

### School of Public Service

Communications Program		Paper/Oral Presentation	SCAD ZOOM 1	
			Panel Moderator(s): Dr. Colin Helb	
9:30 AM	Insta-Impact: Evaluating Media Forms Used By Non-Profit Organizations To Engage With Their Publics On Instagram			# 20
Presenter:	Emily Barber	Mentors: Dr. Matthew W Telleen, Dr. Katherine Hughes		
9:50 AM	Youtube Influencers: Are There Too Many Commentary And Reaction Stars In The Spotlight?			# 21
Presenter:	Emma Knight	Mentors: Dr. Colin Helb, Dr. Erica Dolson		
10:10 AM	Effective Usage Of Instagram As A Food Influencer			# 22
Presenter:	Brianna Komiske	Mentors: Dr. Kelly Poniatowski, Dr. Colin Helb		
10:30 AM	The Effects Of Photo Editing On An Audience's Emotional Response To Photographs			# 23
Presenter:	Emma Pile	Mentors: Dr. Katherine Hughes, Dr. Matthew W Telleen		


### School of Business

International Business Panel		Paper/Oral Presentation	SCAD ZOOM 2	
			Panel Moderator(s): Dr. Hossein Varamini	
9:30 AM	Monaco: More Than A Gambling Town			# 30
Presenter:	Theron Steinbrook	Mentor: Dr. Hossein Varamini		
9:50 AM	Analyzing The Bahamas' Current And Future Tourism Industry			# 31
Presenter:	Meghan Murray	Mentor: Dr. Hossein Varamini		
10:10 AM	Alcoholic Beverage Industry In Ireland			# 32
Presenter:	Alex Lynch	Mentor: Dr. Hossein Varamini		
10:30 AM	The Story Behind Singapore's Booming Economy			# 33
Presenter:	Maddi Holmberg	Mentor: Dr. Hossein Varamini		


### School of Arts and Humanities

English Honors in the Discipline Projects-Reading and Paper/Oral Presentation		SCAD ZOOM 3	
		Panel Moderator(s): Dr. Tara Moore	
9:30 AM	Anxiety: Environmental And Otherwise		# 40
Presenter:	Aprille Mohn	Mentor: Ms. Erica Dolson	
9:50 AM	Anglo-Saxon Literary Culture And The Lord Of The Rings		# 41
Presenter:	Olivia Mathers	Mentors: Dr. Louis Martin, Dr. Matthew Skillen	
10:10 AM	A Reading From A New Novel		# 42
Presenter:	Kelly Paski	Mentor: Dr. John Rohrkemper	
10:30 AM	Anachronistic Zeppelin Adventure: A Short Story		# 43
Presenter:	Jake Guiswite	Mentor: Dr. John Rohrkemper	

## School of Sciences

HID Biology presentations		Paper/Oral Presentation	SCAD ZOOM 4	
		Panel Moderator(s): <b>Dr. Deb Wohl</b>		
<b>9:30 AM</b>	<b>Invasive Crayfish Faxonius Rusticus Prefer Pheromones Of Opposite Sex Conspecifics</b>		<b># 50</b>	
Presenter:	Elizabeth Luscavage		Mentor: Dr. Anya Goldina	
<b>9:50 AM</b>	<b>Microbiome Integrity Of Unprocessed Canis Familiaris Stool Samples Prior To Storage For Fecal Matter Transplants</b>		<b># 51</b>	
Presenter:	Biyar Ahmed		Mentor: Dr. Debra Wohl	
<b>10:10 AM</b>	<b>Comparison Of Two Anesthetic Protocols In American Black Bears (Ursus Americanus)</b>		<b># 52</b>	
Presenter:	Nadia Iगतपुरीवा		Mentor: Dr. Debra Wohl	
<b>10:30 AM</b>	<b>The Effect Of Poly(I:C) On The Immune System As Observed Through IL-12 Production In Dendritic Cells</b>		<b># 53</b>	
Presenter:	Jessica Rubelmann		Mentor: Dr. Jodi Lancaster	

## School of Engineering, Mathematics and Computer Science

EGR 402		Poster	SCAD ZOOM 5	
		Panel Moderator(s): <b>Dr. Kurt DeGoede</b>		
<b>9:30 AM</b>	<b>Desalination</b>		<b># 60</b>	
Presenters:	Ben Ishak, Christian Morley, Hunter Reiner, Kyle Bythell		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
<b>9:30 AM</b>	<b>Elizabethtown Surrey Performance Testing And Mechanical Simulation</b>		<b># 61</b>	
Presenters:	Ean Mann, Ned Cassilly, Thomas Palen, Michael Rajnik		Mentors: Dr. Kurt DeGoede Dr. Brenda Read-Daily and Dr. Tomás Estrada	
<b>9:30 AM</b>	<b>Automated Hydroponics System</b>		<b># 62</b>	
Presenters:	Alejandro Chicas, Andrew Fisher, Donato Grimaldi, Alex Koontz, Clark Williamson		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
<b>9:30 AM</b>	<b>Portable Hydro-Generator</b>		<b># 63</b>	
Presenters:	Alec Leslie, Ethan Henry, Joe Sarich, Arley Shepherd, John Allen		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
<b>9:30 AM</b>	<b>Parking Spot Sensor</b>		<b># 64</b>	
Presenters:	Gina Bongiovanni, Peyton Hulyo, Alli Lasky, Alex Pecher		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
<b>9:30 AM</b>	<b>Power Assisted Stretcher</b>		<b># 65</b>	
Presenters:	Julia Chojnacki, John Duttonhofer, Maddie George, Evan Heimbach, Jorge Tirado		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	
<b>9:30 AM</b>	<b>Rc Research Boat</b>		<b># 66</b>	
Presenters:	Austin Dolaway, Matthew Hetrick, Jackson Rhodes		Mentors: Dr. Kurt DeGoede, Dr. Brenda Read-Daily and Dr. Tomás Estrada	

# Curricular and Co-Curricular Poster Session



Curricular and Co-Curricular	Poster	SCAD ZOOM 6
Panel Moderator(s): Dr. Fletcher McClellan, Ms. Deborah Waltermire-Burton		

## Community Living

9:30 AM	<b>Stronger Together: A Service Project</b>	# 67
Presenters:	Catherine Amos, Kayla Anderson, Janelle Nolt, Kari Brown	Mentor: Ms. Gabrielle Reed
9:30 AM	<b>A-Migos SDLC 2.0 Service Project With Todd's Angels</b>	# 68
Presenters:	Jessica Cox, Alejandro Chicas, Adam Bogobiri, Brandon Tessier	Mentor: Ms. Gabrielle Reed
9:30 AM	<b>Unleash Your Potential: A Service Project</b>	# 69
Presenter:	Megan MacNair, Wendy Header, Kimberly Stratton	Mentor: Ms. Gabrielle Reed
9:30 AM	<b>Helping Hands: A Service Project</b>	# 70
Presenter:	Collin Slenker, Evan Ross, Tyler Rinehimer, Graydon Rogers	Mentor: Ms. Gabrielle Reed
9:30 AM	<b>Greater Elizabethtown Area Recreation</b>	# 71
Presenters:	Tyler McGonigle, James Vito, Robbie Bertucio, Eamon McCoubrey	Mentor: Mr. Adam Sheibley

## Occupational Therapy

9:30 AM	<b>How Community-Based Nutrition Education Impacts Health Disparities Among Black American Adolescents.</b>	# 72
Presenter:	Kelly Armstrong	Mentor: Dr. Erica Wentzel
9:30 AM	<b>Occupational Therapists' Perspectives on Working in Mental Health Roles</b>	# 73
Presenter:	Holly Phillips	Mentors: Dr. Tamera Humbert, Ms. Deborah Waltermire-Burton

## Occupational Therapy

9:30 AM	<b>Post-Intensive Care Syndrome: Current Practice And Knowledge</b>	# 74
Presenter:	Wendy Header	Mentor: Ms. Deborah Waltermire-Burton

## Political Science

9:30 AM	<b>Unusually Cruel: Death Penalty Sentencing &amp; Mentally Ill Offenders</b>	# 75
Presenter:	Madison Meiser	Mentor: Dr. E. Fletcher McClellan

## School of Human and Health Professions

Education	Paper/Oral Presentation	SCAD ZOOM 7
Panel Moderator(s): Dr. Shannon Haley-Mize		
9:30 AM	<b>Fine Arts Integration In Early Childhood Education</b>	#77
Presenter:	Emily Flach	Mentor: Dr. Shannon Haley-Mize
9:50 AM	<b>Understanding Math Anxiety; A Study Of Preservice Teachersconfidence And Teaching Practices To Limit Math Anxiety</b>	# 78
Presenter:	Livia Marga	Mentor: Dr. Shannon Haley-Mize
10:10 AM	<b>Implementing Waldorf-Inspired Practices In Early Childhood Public Education</b>	# 79
Presenter:	Celia Martone	Mentor: Dr. Wendy Bellew







## Session II 11:00 AM-12:20 PM




### School of Human and Health Professions

Occupational Therapy		Paper/Oral Presentation	SCAD ZOOM 8	
		Panel Moderator(s): <b>Dr. Nancy Carlson</b>		
11:00 AM	Therapists' Perspectives On Using Telehealth With Spinal Cord Injury Patients		# 80	
Presenter:	Lyndee Anders		Mentor: Dr. Diane Martin	
11:20 AM	Exploring The Use Of Occupational Therapy Telehealth Services In Early Intervention During COVID-19		# 81	
Presenter:	Aiyana Tietze-Di Toro		Mentors: Dr. Diane Martin, Dr. Nancy Carlson	
11:40 AM	Parents' Perspectives And Pediatric Constraint Induced Movement Therapy For Children With Cerebral Palsy		# 82	
Presenter:	Janelle Barna		Mentor: Dr. Erica Wentzel	
12:00 PM	Exploring Employment Experiences From The Perspective Of Adults With Autism Spectrum Disorder		# 83	
Presenters:	Colleen McGovern, Hannah Dinsmore		Mentors: Dr. Judy Ericksen, Dr. Nancy Carlson	

### School of Public Service

Communications Program		Paper/Oral Presentation	SCAD ZOOM 9	
		Panel Moderator(s): <b>Dr. Colin Helb</b>		
11:00 AM	"The Trial Of Memory Fairchild" - Creating A Fiction Podcast		# 90	
Presenter:	Samantha Seely		Mentors: Dr. Colin Helb, Dr. Tara Moore	
11:20 AM	Understanding Portrayals Of Hunters Across The Media		# 91	
Presenter:	Christopher Tongel		Mentor: Dr. Tamara Gillis	

### School of Business

Business Program		Paper/Oral Presentation	SCAD ZOOM 10	
		Panel Moderator(s): Dr. Hossein Varamini, Dr. Cristina Ciocirlan		
International Business				
11:00 AM	Norway's Hydropower			# 95
Presenter:	Evan Shaffer		Mentor: Dr. Hossein Varamini	
Applied Family Business Research				
11:20 AM	Designer Glass & Shades - A Family Business Case Study			# 96
Presenters:	Kayla Patone, Madison Stoyer, Alexandra Sharp, Alyssa Scordo		Mentor: Dr. Petru Sandu	
Business (continued)				
11:40 AM	The Impact Of COVID-19 On Job-Search Behavior Among College Students			# 97
Presenter:	Nicole Blyth		Mentors: Dr. Cristina Ciocirlan, Dr. Hossein Varamini	
12:00 PM	Corporate Social Responsibility In Professional Sports: Perceptions And Demographics			# 98
Presenter:	William Paterson		Mentors: Dr. Cristina Ciocirlan Dr. Kelly Poniatowski	

## School of Arts and Humanities

### WGS- World War One in British and American Literature-Paper/Oral Presentation SCAD ZOOM 11

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



<b>11:00 AM</b>	<b>"You Have Fixed My Life- However Short," - Wilfred Owen's Homosexuality In His Poetry And Prose</b>	<b># 110</b>
Presenter:	Emily Erdlen	Mentor: Dr. Kimberly Adams
<b>11:20 AM</b>	<b>World War I And Mental Illness In Toni Morrison's Sula</b>	<b># 111</b>
Presenters:	Jake Guiswite, Emily Erdlen, Doris Hall	Mentor: Dr. Kimberly Adams
<b>11:40 AM</b>	<b>"The Song Of The Mud"</b>	<b># 112</b>
Presenter:	Doris Hall	Mentor: Dr. Kimberly Adams

## School of Sciences

### Biology Paper/Oral Presentation SCAD ZOOM 12

Panel Moderator(s): **Dr. Jane Cavender**



<b>11:00 AM</b>	<b>Correlation Of BCL-X Isoform With Aggressive Growth Rates Of SV40 T-Antigen Transformed Human Diploid Fibroblasts</b>	<b># 120</b>
Presenters:	Kailey Caroland, John Hanson	Mentor: Dr. Jane Cavender
<b>11:20 AM</b>	<b>Effect Of SV40 T-Antigen Oncoprotein Expression In Human Diploid Fibroblasts On The Production Of SAM68 And Subsequent Cyclin D1 Isoform Selection</b>	<b># 121</b>
Presenters:	Caleb Clements, Catherine Falkenstein	Mentor: Dr. Jane Cavender
<b>11:40 AM</b>	<b>Effect Of Diquat Dibromide On Hydra Reflex, Tentacle Length And Viability</b>	<b># 122</b>
Presenters:	Matthew Kowalewski, Jackson Dardis	Mentor: Dr. Jane Cavender
<b>12:00 PM</b>	<b>Elucidation Of The Isoform And Role Of SRSF1 In Simian Virus 40 T-Antigen Transformed Human Diploid Fibroblasts</b>	<b># 123</b>
Presenter:	Zachary Nawrocki	Mentor: Dr. Jane Cavender

### Psychology Honors Panel Paper/Oral Presentation SCAD ZOOM 13

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



<b>11:00 AM</b>	<b>How Positive Student-Professor Relationships Affect Academic Success And Motivation In Vulnerable College Students</b>	<b># 125</b>
Presenter:	Elise Stendal	Mentors: Dr. Evan Smith, Dr. Jean Pretz
<b>11:20 AM</b>	<b>Changing Ethnocultural Empathy In White Adults</b>	<b># 126</b>
Presenter:	Gretchen Wade	Mentors: Dr. Evan Smith, Dr. Jean Pretz
<b>11:40 AM</b>	<b>It Takes A Village: How Perceived Social Support And Classroom Modality Impacts New Students' Adjustments To College</b>	<b># 127</b>
Presenter:	Emily Lamison	Mentor: Dr. Elizabeth Dalton
<b>12:00 PM</b>	<b>Social Media Trends: The Influence Of Body Related Content On Body Image</b>	<b># 128</b>
Presenter:	Jennifer Mele	Mentor: Dr. Elizabeth Dalton

## School of Engineering, Mathematics and Computer Science

### Mathematical Sciences

### SCAD ZOOM 14

Panel Moderator(s): **Dr. Leyla Batakci**



<b>11:00 AM</b>	<b>Magic Squares</b>	<b># 130</b>
Presenters:	Brianna Falby, Madyson Kosiorek	Mentor: Dr. Leyla Batakci
<b>11:20 AM</b>	<b>Sangaku Puzzles With Geogebra</b>	<b># 131</b>
Presenters:	Allyson Nace, Joseph Nelson	Mentor: Dr. Leyla Batakci
<b>11:40 AM</b>	<b>Sudoku And Methods To Solve Sudoku</b>	<b># 132</b>
Presenters:	Livia Marga, Delphi Aubry	Mentor: Dr. Leyla Batakci
<b>12:00 PM</b>	<b>The Golden Ratio</b>	<b># 133</b>
Presenters:	Isabelle Schmittinger, Christopher Karwan	Mentor: Dr. Leyla Batakci

### Honors Program Posters

### Honors Program

### Poster

### SCAD ZOOM 15

Panel Moderator(s): **Mr. Jean-Paul Benowitz**



<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 140</b>
Presenter:	Kyle C. Cappucci	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 141</b>
Presenter:	Andrew M. Furman	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 142</b>
Presenter:	Gavin L. Gismondi	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 143</b>
Presenter:	Bethany J. Heidelbaugh	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 144</b>
Presenter:	Zachary P. Hohman	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 145</b>
Presenter:	Bryce Keller	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 146</b>
Presenter:	Jackson P. Lager	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 147</b>
Presenter:	Quinn D. Pepper	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 148</b>
Presenter:	Sam M. Phillips	Mentor: Mr. Jean-Paul Benowitz
<b>11:00 AM</b>	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>	<b># 149</b>
Presenter:	Eric J. Schubert	Mentor: Mr. Jean-Paul Benowitz

Honors Program		(continued)	
11:00 AM	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>		<b># 150</b>
Presenter:	Matthew Wilt	Mentor: Mr. Jean-Paul Benowitz	
11:00 AM	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>		<b># 151</b>
Presenter:	Alexander Waskiewicz	Mentor: Mr. Jean-Paul Benowitz	
11:00 AM	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>		<b># 152</b>
Presenter:	Brooke Seislove	Mentor: Mr. Jean-Paul Benowitz	
11:00 AM	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>		<b># 153</b>
Presenter:	Madaline Shaffer	Mentor: Mr. Jean-Paul Benowitz	
11:00 AM	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>		<b># 154</b>
Presenter:	Abigail Sholes	Mentor: Mr. Jean-Paul Benowitz	
11:00 AM	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>		<b># 155</b>
Presenter:	Matthew Smith	Mentor: Mr. Jean-Paul Benowitz	
11:00 AM	<b>Marietta, Pennsylvania's Historic Homes On Front Street: Transportation, Trade, Triumph, And Tragedy Along The Susquehanna River And The Pennsylvania Canal</b>		<b># 156</b>
Presenter:	Mackenzie Unger	Mentor: Mr. Jean-Paul Benowitz	

School of Engineering, Mathematics, and Computer Science

Engineering	Electric Cars Race	Elizabethtown College Track
12:20 PM	<b>Electric Cars</b>	<b># 157</b>
Presenters:	Samantha Aronson, Lukas Azzati, Ryan Bahr Carter Balliet, Natalie Barlow, Matthew Barosi, Joshua T Blades, Willem D Carl, Juan Colorado Claire Cuvo, David Diehl, Brendan Doel, James Fallon, David Fetzer, Jordan Figueroa, Brayden Franey, Avery Frick, Conor Gallagher, Christian Gingrich, Jacob Groh, Christian Hansen, Will Holdren, Dylan Holland, Adam Johnson, Joseph Killpatrick, Gabriel Kimmel, Olivia Kurtz, Blake Lambert, Joel Maragoto, Evan McMurray, James-Michael Musser, Mason Nevill, Alec Newman, William Oberle, Paige Parsons, Luke Paulson, Phil Phillips, Andrew Raab, Scott Reagan, Abisai Rodriguez, Domenic Rodriguez, Garrett Smith, Robert Soyka, Olivia Swope, Christopher Talluto, Kevin Wang, Bridget Ward, Owen Wertzberger, Emily Wilkes, Michael Williams, Keven Woodruff, Mercedes Zajackowski	Mentors: Dr. Jean Batista Abreu and Dr. Mark Brinton



## Session III 1:15-2:35 PM



### School of Human and Health Professions

#### Occupational Therapy

#### Paper/Oral Presentation

#### SCAD ZOOM 16



Panel Moderator(s): Dr. Kerri Hample

<b>1:15 PM</b>	<b>Interoception Awareness And Intuitive Eating</b>	<b># 160</b>
Presenter:	Meghan Glaspey	Mentor: Dr. Kerri Hample
<b>1:35 PM</b>	<b>Client Perspectives Of Engaging In Romantic Relationships After A Spinal Cord Injury: A Phenomenological Inquiry</b>	<b># 161</b>
Presenter:	Kaitlyn Edinger	Mentor: Ms. Gina Fox

### School of Public Service

#### Sociology and Anthropology

#### Paper/Oral Presentation

#### SCAD ZOOM 17



Panel Moderator(s): Mentor: Dr. Michele Lee Kozimor

<b>1:55 PM</b>	<b>To Keep Or Not To Keep: The Effects Of Education And Political Ideology On Views Of Abortion</b>	<b># 171</b>
Presenter:	Emma Nalesnik	Mentor: Dr. Michele Lee Kozimor
<b>2:15 PM</b>	<b>Conflict Resolution And Sociology: An Ethnographic Analysis</b>	<b># 172</b>
Presenter:	Jessica Cox	Mentor: Dr. Michele Lee Kozimor

#### Political Science Panel

#### Paper/Oral Presentation

#### SCAD ZOOM 18




Panel Moderator(s): Dr. Oya Dursun-Ozkanca



<b>1:15 PM</b>	<b>Is The UN An Effective Peacekeeper?: A Comparative Analysis Of Peacekeeping Missions In Rwanda And Liberia</b>	<b># 175</b>
Presenter:	Benjamin Stokes	Mentors: Dr. Oya Dursun-Ozkanca, Dr. E. Fletcher McClellan
<b>1:35 PM</b>	<b>The Age Of Climate Change</b>	<b># 176</b>
Presenter:	Andrea Guscott	Mentors: Dr. Oya Dursun-Ozkanca, Dr. E. Fletcher McClellan
<b>1:55 PM</b>	<b>Outdated Laws: Their Contributions To Mass Incarceration And Police Practices</b>	<b># 177</b>
Presenter:	Allie Melnikoff	Mentors: Dr. Oya Dursun-Ozkanca, Dr. E. Fletcher McClellan
<b>2:15 PM</b>	<b>The Latinx Vote: The Cuban American Vote Explained</b>	<b># 178</b>
Presenter:	Monica Rodriguez	Mentors: Dr. E. Fletcher McClellan, Dr. April Kelly-Woessner





## School of Business

Business		Applied Family Business Research Paper/Oral Presentation	SCAD ZOOM 19	
		Panel Moderator(s): <b>Dr. Petru Sandu</b>		
<b>1:15 PM</b>	<b>Dubois And Associates - A Family Business Case Study</b>		<b># 180</b>	
Presenters:	Jacob DuBois, Aidan Trynosky, Kelli Olsson, Lila Bolze		Mentor: Dr. Petru Sandu	
<b>1:35 PM</b>	<b>White's Machine - A Family Business Case Study</b>		<b># 181</b>	
Presenters:	Luke Reiter, Miranda Decker, Isabella Serillo, Elizabeth Eckhart, Quique -Alejandro Chicas		Mentor: Dr. Petru Sandu	
<b>1:55 PM</b>	<b>WBA Automation - A Family Business Case Study</b>		<b>#182</b>	
Presenters:	Nash Williamson, Clark Williamson, Connor Zimmerman, Hannah Smith, Jessica D'lorio		Mentor: Dr. Petru Sandu	
<b>2:15 PM</b>	<b>The Stewart Company - A Family Business Case Study</b>		<b># 183</b>	
Presenters:	Cody Richter, Eric Mark, Veronica Martonik, Alexandria Reid, Christina Mercincavage		Mentor: Dr. Petru Sandu	


## School of Arts and Humanities

Modern Languages		Paper/Oral Presentation	SCAD ZOOM 20	
		Panel Moderator(s): <b>Dr. Nobuaki Takahashi</b>		
<b>1:15 PM</b>	<b>Tackling The Hikikomori Issue In Japan: Open Dialogue Is The Best Method</b>		<b># 185</b>	
Presenter:	Adam Cross		Mentor: Dr. Nobuaki Takahashi	
<b>1:35 PM</b>	<b>Macbeth And Throne Of Blood: The Allure Of Power</b>		<b># 186</b>	
Presenter:	Mac Schmitz		Mentor: Dr. Nobuaki Takahashi	
<b>1:55 PM</b>	<b>Playing With Dolls: The Difference Of Artistic Value Between Bunraku And Puppet Shows</b>		<b># 187</b>	
Presenter:	Carly Sherba		Mentor: Dr. Nobuaki Takahashi	
<b>2:15 PM</b>	<b>Protesting In France And The Us</b>		<b># 188</b>	
Presenter:	Cassandra Roberts		Mentor: Dr. Vanessa Borilot	
Music		Paper/Oral Presentation	SCAD ZOOM 21	
		Panel Moderator(s): <b>Dr. Gene Ann Behrens</b>		
<b>1:15 PM</b>	<b>Associations Among Music Selections, Emotion Words, And Color For Six Emotions</b>		<b># 190</b>	
Presenters:	Anneka Bell, Brittany Freed, Angelina Pisacane, Emily Singer		Mentor: Dr. Gene Ann Behrens	
<b>1:35 PM</b>	<b>The Mighty Handful And The Development Of The Russian Sound</b>		<b># 191</b>	
Presenter:	Avery Faust		Mentor: Dr. E. Douglas Bomberger	
<b>1:55 PM</b>	<b>The Developing Salience Network Of Babies With Neonatal Abstinence Syndrome And Music Therapy Protocol, part 1</b>		<b># 192</b>	
Presenter:	Anneka Bell		Mentor: Dr. Gene Ann Behrens	
<b>2:15 PM</b>	<b>The Developing Salience Network Of Babies With Neonatal Abstinence Syndrome And Music Therapy Protocol, part 2</b>		<b># 193</b>	
Presenters:	Anneka Bell		Mentor: Dr. Gene Ann Behrens	

## School of Sciences

<b>Biology</b>		<b>Paper/Oral Presentation</b>	<b>SCAD ZOOM 22</b>	
			Panel Moderator(s): <b>Dr. Anya Goldina</b>	
<b>1:35 PM</b>	<b>Convergence Of Art And Science In Anatomy And Physiology Course; The Student Perspective</b>			<b># 194</b>
Presenter:	Rebecca Kruse		Mentors: Dr. Anya Goldina, Ms. Carol Ouimet	
<b>1:55 PM</b>	<b>Effects On Bacterial Composition From Long-Term Storage Of Fecal Matter</b>			<b># 195</b>
Presenter:	Sabir Mali		Mentor: Dr. Debra Wohl	
<b>Psychology</b>		<b>Paper/Oral Presentation</b>	<b>SCAD ZOOM 23</b>	
			Panel Moderator(s): <b>Dr. Michael Roy</b>	
<b>1:15 PM</b>	<b>Filling In The Blanks: The Effects Of Learning Location And Campus Involvement On Sense Of Belonging</b>			<b># 196</b>
Presenter:	Rachel Bickelman		Mentor: Dr. Michael Roy	
<b>1:35 PM</b>	<b>Menthol's Impact On Environmental Cues When Used In Combination With Nicotine</b>			<b># 197</b>
Presenter:	Kathryn Carter		Mentor: Dr. Michael Roy	
<b>1:55 PM</b>	<b>Effect Of Juror Perceptions Of The Insanity Defense And Mental Illness Within The Criminal Justice System</b>			<b># 198</b>
Presenter:	Madison Meiser		Mentor: Dr. Michael Roy	

## School of Engineering, Mathematics, and Computer Science



<b>Mathematical Sciences</b>		<b>Paper/Oral Presentation</b>	<b>SCAD ZOOM 24</b>	
			Panel Moderator(s):	
<b>1:15 PM</b>	<b>Effects Of Catastrophes On Insurance And Reinsurance Markets</b>			<b># 200</b>
Presenter:	Josh Albin		Mentor: Dr. Gabriela Sanchis	
<b>Engineering</b>				
<b>1:35 PM</b>	<b>The Rise Of The Machine: How Industrial Robots Will Revolutionize U.S. Manufacturing</b>			<b># 201</b>
Presenter:	Alexander Koontz		Mentor: Dr. Tomás Estrada	
<b>Computer Science</b>				
<b>1:55 PM</b>	<b>PIKA: A Real-Life Pokédex On A Smartphone With The Power Of Deep Learning</b>			<b># 202</b>
Presenter:	Matthew Grohotolski		Mentor: Dr. Peilong Li	




## Session IV 2:45-4:05 PM



### School of Public Service

Sociology and Anthropology		Honors in the Discipline in Sociology Paper/Oral Presentation	SCAD ZOOM 25
		Panel Moderator(s): Michele Lee Kozimor	
2:45 PM	Standing, Sharing, And Scrolling: How In-Person Protesting And Social Media Activism Impact Social Connectedness To Local Community		# 215
Presenter:	Rachel Bickelman	Mentor: Dr. Michele Lee Kozimor	
3:05 PM	To Vote Or Not To Vote: The Effects Of Political Information Efficacy, Locus Of Control, And Parental Socialization On The Political Engagement Of College Students		# 216
Presenter:	Jessica Cox	Mentors: Dr. Conrad Kanagy, Dr. Michele Lee Kozimor	
3:25 PM	That's News To Me: A Content Analysis Of The Portrayal Of Perpetrators Of Mass Murder In Mass Media Communications		# 217
Presenter:	Meghan Kenney	Mentors: Dr. Michele Lee Kozimor, Dr. Kirsten Johnson	
Political Science		Paper/Oral Presentation	SCAD ZOOM 26
		Panel Moderator(s): Dr. E. Fletcher McClellan	
2:45 PM	Revoking Section 230 Of The Communications Decency Act		# 220
Presenter:	Matthew Strubinger	Mentor: Dr. E. Fletcher McClellan	
3:05 PM	Modern Reparations For African-Americans		# 221
Presenter:	Eli Perry	Mentor: Dr. E. Fletcher McClellan	

### School of Business

Business		Applied Family Business Research Paper/Oral Presentation	SCAD ZOOM 27
		Panel Moderator(s): Dr. Petru Sandu	
2:45 PM	The Professionalization Of A Family Business		# 230
Presenter:	Matthew Hetrick	Mentor: Dr. Petru Sandu	
3:05 PM	Improving Family Business Governance By Designing Effective Boards		# 231
Presenters:	Clark Williamson, Nash Williamson, Madeline Hamilton, Connor Zimmerman	Mentor: Dr. Petru Sandu	
3:25 PM	Family Businesses Resilience To Crises		# 232
Presenters:	Blake Samsel, Christina Mercincavage, Suad Sadek, Hameedah Odusanya	Mentor: Dr. Petru Sandu	
3:45 PM	Designing The Transition Of A Family Business To The Next Generation		# 233
Presenters:	Wyatt Schwanger, Cody Richter, Mark Waters, Massimo Mazzella	Mentor: Dr. Petru Sandu	

## School of Arts and Humanities

### Religious Studies and Modern Languages Paper/Oral Presentation

**SCAD ZOOM 28**



Panel Moderator(s): **Dr. Charla Lorenzen**

#### Religious Studies

<b>2:45 PM</b>	<b>Poetry As Resistance: People Power In Prose</b>	<b># 240</b>
Presenter:	Zoe Williams	Mentors: Ms. Naomi Kraenbring, Dr. Vanessa Borilot
<b>3:05 PM</b>	<b>The Book Of Exodus In Film: A Story (Re)Shaped By History</b>	<b># 241</b>
Presenter:	Hope McQuoid	Mentor: Dr. Christina Bucher

#### Modern Languages Paper/Oral Presentation

<b>3:25 PM</b>	<b>The Climate Crisis: What We Can Learn From Latin American Indigenous Groups</b>	<b># 242</b>
Presenter:	Hannah Dinsmore	Mentor: Dr. Charla Lorenzen

## School of Engineering, Mathematics, and Computer Science

### Engineering Poster Session

#### Poster

**SCAD ZOOM 29**



Panel Moderator(s): **Dr. Brenda L Daily**

<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 1</b>	<b># 246</b>
Presenters:	Alexander D'Amico, Christopher McGill, Jason Nazarene, Vincent Sabatino	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 2</b>	<b># 247</b>
Presenters:	Alexander Kobilynyk, Destiny Lajes, Elizabeth LePore, Aaron Troutman	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 3</b>	<b># 248</b>
Presenters:	Jean Farley, Kaede Goodeliunas, Michael Petricoin, Trevor Whitfield	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 4</b>	<b># 249</b>
Presenters:	Anthony Camilo, Evan Carneal, Daniel Chinchar, Steven Swain	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 5</b>	<b># 250</b>
Presenters:	Courtnee Hoff, Cassidy Pawlicki, Avery Roberts, Timothy Sauers	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 6</b>	<b># 251</b>
Presenters:	Justin Brown, Arielle Cox, Joel Shane, Emily Ward	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 7</b>	<b># 252</b>
Presenters:	Lauren Comly, Ruth Jacob, Drew Riley, Ethan Vallone	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 8</b>	<b># 253</b>
Presenters:	Karl Abou Negm, Ryan Hepler, Shane Strausser, Benjamin Watson	Mentor: Dr. Brenda L Daily
<b>2:45 PM</b>	<b>Engineering Community-Based Projects: Poster 9</b>	<b># 254</b>
Presenters:	Logan Crosby, Dylan Hairfield, Ryan Leppo, Samuel Wilson	Mentor: Dr. Brenda L Daily

## School of Sciences

### Psychology, Chemistry & Biochemistry

**SCAD ZOOM 30**

Panel Moderator(s): **Dr. James MacKay**



#### Chemistry & Biochemistry

**2:45 PM**      **Synthesis Of Modified Amide-Based Extended Heterocyclic Nucleobases Capable Of Hydrogen Bonding To The U-A Base Pair In Double Stranded RNA**      **# 260**

Presenters: John Talbott, Kyle Hess

Mentor: Dr. James MacKay

**2:45 PM**      **Development Of A Microwave Assisted One-Pot Allylation And Claisen Rearrangement**      **# 261**

Presenter: Brandon Tessier

Mentor: Dr. James MacKay

**2:45 PM**      **Ph Sensitive Polymer Nanoparticle Control For A Lateral Flow Assay For Lead(II) Detection**      **# 262**

Presenter: Rachel Molino

Mentor: Dr. Lauren Toote

**2:45 PM**      **The Effect Of Poly(I:C) On The Immune System As Observed Through IL-12 Production In Dendritic Cells**      **# 263**

Presenter: Sarah Kleb

Mentor: Dr. Jodi Lancaster

#### Psychology

**2:45 PM**      **Connection Between Anxiety And Stress Levels Related To Art Background, Confidence, And Activities**      **# 264**

Presenter: Nakita Edwards

Mentor: Dr. Elizabeth Dalton

**2:45 PM**      **Methods Of Analyzing Taste Preference Reveal Menthol's Ability To Drive Nicotine Consumption**      **# 265**

Presenter: Lauren Kerr

Mentor: Dr. Robert Wickham

## School of Public Service

#### Communications

#### Photography Exhibit

#### The High Library

**April 19-May 7**      **Etown Connections, Past And Present**      **# 270**

Presenters: Isa Abdul-Rahman, Kayla Anderson, Bridget Colwell, Natalie Costa-Ouimet, Nick D'Amico, Karlie Fromm, Andrew Furman, Jake Guiswite, Morgan Kerrick, Lea LaPonti, Sophie Lauer, Michael Le, Abigail Lindsay, Zach Martin, Hayden Mitchell, Tate Mohny, Faith Morrow, Sarah Moscoso, Mimi Nguyen, Joseph Olah, Sophia Peters, Jessica Piergallini, Matt Price, Marc Ramson, Armin Reid, Connor Sensenig, Joanna Shultz, Logan Stynes, Victoria Young, Timothy Zeiber

Mentor: Dr. Katherine Hughes



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2020-2021

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