



4-19-2018

# Ursinus College Celebration of Student Achievement (CoSA) Schedule of Events, 2018

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# CoSA Schedule - April 18-19, 2018

## Wednesday, April 18

Wednesday 5:30-7:00 p.m.

Theater Staged Reading  
Blackbox

Presenter	Mentor	Title
Angela Bey	Domenick Scudera	The Medusa Play

## Thursday, April 19

9:30-9:50 a.m.

Athletics Demonstration  
Olin Plaza, 9:30-9:50 a.m.

Presenter	Mentor	Title
Gabriela Howell and others	Janelle Benner	Ursinus College Field Hockey Skills Demonstration

Electronic Music Demonstration  
Bomberger 033, 9:30-9:50 a.m.

Presenter	Mentor	Title
Alexander Lehr and others	Holly Hubbs	Ursinus SEDM: Electronic Music Production

Writing Fellows Presentations  
Olin 101, 9:30-9:50 a.m.

Presenter	Mentor	Title
Garrett Bullock and others		Punctilious Punctuation: Proper Placement and Predicament Prevention; Or, P6
Gabriel Tenaglia and others		Phrases: An Introduction to Prepositional, Verbal, and Transitional Phrases for English Language Learners

Religious Studies Honors Defense (Actual start time: 9:00 AM)

**Olin 201, 9:30-9:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Sophia Gamber	Christian Rice, Jasmine Harris, Nathan Rein	Reinhold Niebuhr's Christian Nation: The Theology of White Supremacy in Liberal White American Christianity

**10-10:50 a.m.****Neuroscience, Peer Advocates, Club Presentations  
Bomberger 202, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Jenifer Joseph	Jennifer Stevenson	Is This a Misprinting? How Textbooks See Me
Jessica Childs and others	Jessica Oros	UC Peer Advocate Program
Amelia Goldstein and others	Missy Bryant	Cuts for a Cause Annual Philanthropic Event

**Politics Presentations  
Bomberger 228, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Callie Terris	Gerard Fitzpatrick	Rethinking Privacy: An Examination of the Fourth Amendment and Communications Technology
Lily Talerman and others	Gerard Fitzpatrick	From Democrats to "Deplorables": The Trumpization of the Republican Party
Noah Garber and others	Kevin den Dulk (Calvin College)	

**Biology Presentations  
Bomberger 306, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Jacob Heimbaugh	Kate Goddard	Effects of Dam Removal on Stream Health and Macroinvertebrate Populations in Darby Creek, Upper Darby, Pennsylvania
Danielle Uibel	Rebecca Lyczak	Investigation of the pam-1 suppressor lz5 and its role in polarity establishment of single cell C. elegans embryos

**Biology / Biochemistry Poster Presentations  
Fieldhouse, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
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Chris Maley and others	Rebecca Roberts, Nathan Scharf	Isolation and Functional Determination of Unknown Protein 3DL1 Obtained from <i>K. pneumoniae</i>
Jordan Carver and others	Rebecca Roberts, Nathan Scharf	Determining the function of protein 3B7F using in silico techniques and enzymatic activity assays

**Civic Engagement Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

Presenter	Mentor	Title
Benjamin Allwein	Christian Rice	
Angela Bey	Christian Rice	
Kathryn Bormann	Christian Rice	
Rachael Carter	Christian Rice	
Allison DeGerlia	Christian Rice	
Wilbert Diaz	Christian Rice	
Caela Flake	Christian Rice	
Sophia Gamber	Christian Rice	
Katarina Gereda	Christian Rice	
Emily Harris	Christian Rice	
Roseangela Hartford	Christian Rice	
Vilajet Kovaci	Christian Rice	
Zana Lee	Christian Rice	
Jamir Mallory	Christian Rice	
Marcus Mattis	Christian Rice	
Noel McCampbell	Christian Rice	
Hannah Merges	Christian Rice	
Temi Olafunmiloye	Christian Rice	
Chase Opperman	Christian Rice	
Jordan Orange	Christian Rice	
Wilbert Pichardo	Christian Rice	
Jasmine Soriano	Christian Rice	
Emily Thomas	Christian Rice	
Jessica Vadaketh	Christian Rice	
Asuka Watanabe	Christian Rice	
Badia Weeks	Christian Rice	
Stephanie Hawkins	Katie Turek	
Codi Yhap	Katie Turek	
Alexa Beacham	Christian Rice	
Scott Campbell	Christian Rice	
Elizabeth DeWitt	Christian Rice	
Lauren D'Ortona	Christian Rice	
Ian Dysinger	Christian Rice	

Matthew Fontanese	Christian Rice	
Leah Grudberg	Christian Rice	
Albert Hahn	Christian Rice	
Kyla Jermin	Christian Rice	
Romina Kalmeijer	Christian Rice	
Sophia King	Christian Rice	
Greta Lagerberg	Christian Rice	
Saloni Parikh	Christian Rice	
Ria Rathi	Christian Rice	
Emily Reeve	Christian Rice	
Miranda Rossi	Christian Rice	
Nyrobi Barnes	Katie Turek	
Esther Lawson-John	Katie Turek	
Min Son	Katie Turek	

**Business & Economics Poster Presentations**  
**Fieldhouse, 10-10:50 a.m.**

Presenter	Mentor	Title
Aileen P. BeVard	Eric Parnell	What Does The Future Hold For Apple?
Carl P. Christoph	Eric Parnell	Determinants Of Bitcoin Prices
Rachel I. Hyman	Eric Parnell	Determinants of Home Builder Profitability Across Economic Cycles
Dionis K. Kergides	Eric Parnell	Mergers & Acquisitions In Private Equity
Barron A. Natelli	Eric Parnell	Where Should You Put Your Hard Earned Money?
Brian Rafferty	Eric Parnell	Impact of Super Bowl Advertising on Stock Prices
Alexander W. Skyrn	Eric Parnell	Impact of China Monetary Policy On U.S. Stocks Since The Great Recession
Brendan M. Werner	Eric Parnell	The Great Moderation and Future Bond Risk Premiums
Alex Arhontoulis	Andre Economopoulos	Do Actively Manage ETFs Outperform the market and No Load Mutual Funds?
Jared Collins	Andre Economopoulos	The Effect of Inflation on Bank Profitability
Andrew Dalessandro	Andre Economopoulos	"Does the escalation of housing prices influence investors in the stock market?"
Matt DeBerardinis	Andre Economopoulos	Donald Trump Election: Stock Market Bust or Boom?
Dillon DiCiurcio	Andre Economopoulos	Revolutionizing Banking: How the Bubble Surrounding Bitcoin Has the Technology to eliminate Modern Banking

**Math and Statistics Presentations**  
**Olin 101, 10-10:50 a.m.**

Presenter	Mentor	Title
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Deborah Musselman	Christopher Sadowski	Internship at Allied Wire and Cable
Tate Muratori-Levit	Christopher Sadowski	Jordan Canonical Form
Jeremy Cruz	Peter Chi	Exploring trends in poker data

**HEP Presentations****Olin 102, 10-10:50 a.m.**

Presenter	Mentor	Title
Kelly McLaughlin	Deborah Fearheller	Epidemiology of Physical Activity and Associated Cardiovascular outcomes
Alexandra Puryear	Deborah Fearheller	The Feasibility of the Mediterranean Diet
Patrick Rafferty	April Carpenter	The Effects of WIs Deletion in Macrophages on Muscle Repair

**ENV Presentations****Olin 103, 10-10:50 a.m.**

Presenter	Mentor	Title
Evan Hunt and others	Patrick Hurley	Bears in the Woods: Mapping Personal Attachment to Campus Trees at Ursinus
Jenna Detweiler and others	Patrick Hurley	Assessing the Potential and Activated Material Uses of Philadelphia's Urban Forests Harvested by Foragers

**History, Museum Studies, and Art Presentations****Olin 107, 10-10:50 a.m.**

Presenter	Mentor	Title
Morgan Larese	Lori Daggar	Finding Ishi through the Oral Traditions of Survivance
Shelby Bryant and others	Sheryl Goodman	Museum Studies Conversation
Kayla O'Mahony	Cari Freno	Hieronymus Bosch: Captain of the Ship of Fools

**Podcasting Presentations****Olin 108, 10-10:50 a.m.**

Presenter	Mentor	Title
Moorea Cioppa and others	Talia Argondezzi	Abolishing the American Problem: A Podcast about James Baldwin
Taahira Davis and others	Talia Argondezzi	Little Women, Then and Now: A Podcast about Louisa May Alcott
Stephan Cordasco and others	Talia Argondezzi	The Fire in Our Time: A Podcast about James Baldwin

**French Presentations**  
**Olin 201, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Clara Kiss	Julin Everett	What is a secession movement?: Renan vs. a changing Europe
Allison Lubczanski	Julin Everett	Casting the "Sick Role": The Sociology of Medicine & Minorities in Health
Julia Rae Hodenfield and others	Julin Everett	The Maniac Medusa, Inverted Triangles, and Trump: A Feminist Analysis of the Famous Tape

**English and Psychology Presentations**  
**Olin 303, 10-10:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Morgan Kentsbeer	Kara McShane	Fowl Play: Animals in The Canterbury Tales
Valerie Osborne	Carol Dole	Motherhood and the fulfillment of self in Charlotte Brontë's Jane Eyre and Vilette
Coraima Ramirez and others	Vanessa Volpe	Can Spiritual Coping be a Moderator Between Racial Discrimination and BMI?

**11-11:50 a.m.**

**Art & Art History Presentations**  
**Berman Museum, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Aubrey Basla and others	Cari Freno	Telling A Story, Or Not
Yanlin Li	David Aipperspach	Sigh, Video Installation
Oriah Lopez	Sarah Kaufman	Encontrándome

**CIE Essay Contest Winners**  
**Bomberger 228, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Shayna Kushner		
Thea Pastras		
Matt Paulus	Tom Carroll	CIE Essay Contest Winners

**Biology Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
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Allison Lubczanski and others	Anthony Lobo	Isolation & Identification of Novel Thermophiles with Amylolytic and Proteolytic Abilities from Compost
Jaclyn Jordan	Beth Bailey	Single and multiple pregnancy induced cardiac hypertrophy and the morphological changes of cardiac muscle cells
Cailey Sanchez and others	Carlita Favero	Analyzing Sex Differences in a Mouse Model of Fetal Alcohol Spectrum Disorder (FASD)
Alex Bailey and others	Cory Straub	Relationship of wolf spider ( <i>Pardosa</i> spp.) and <i>Bembidion</i> spp. activity levels to temperature in central Sweden
Joseph Cammarano	Cory Straub	Reduced predation of Potato Leafhoppers by Minute Pirate Bugs in PLH-Resistant Cultivar of Alfalfa
Yusef Ahmed and others	Dale Cameron	Can the yeast Ribosome-Associated Complex chaperones Zuo1 and Ssz1 be functionally replaced with their human homologs Mpp11 and Hsp70L1?
Thomas Tessitore and others	Dale Cameron	Understanding the Function of the Chaperone Protein Zuo1 in <i>Saccharomyces cerevisiae</i>
Christopher Maley and others	Dale Cameron	Forage Species-Specific Effects on Soil in the Whittaker Environmental Research Station
Kirk Cherneskie and others	Denise Finney	Assessing the soil organic matter building potential of conventional and organic vegetable production systems
Gunther Druker	Denise Finney	Analysis of Manganese Concentration in Plant Leaves
Joon Son and others	Ellen Dawley	Axon Regeneration of Spinal Nerves in <i>Ambystoma mexicanum</i>
Melanie Lee and others	Ellen Dawley	The microglial morphological response in adult vs juvenile <i>Ambystoma Mexicana</i>
Andrew Voyack and others	Ellen Dawley	Study of Microglia Cell Activity Following Spinal Cord Injury in <i>Ambystoma mexicanum</i>
Hunter Cohen and others	Ellen Dawley	An Exploratory study of Sox2 Expression in the Early Stages of <i>Ambystoma mexicanum</i>
Sabrina Doherty and others	Kate Goddard	Is Pollution Driving Evolution?
Gabrielle Lomanto and others	Morgan Cousins	Introduction of Tryptophan near G4DFsc binding site may Increase Binding Affinity
Ethan Kabel and others	Rebecca Lyczak	Rescue of <i>wee-1.3</i> RNAi induced sterility by <i>pam-1</i> mutation in <i>C. elegans</i>
Zana Lee and others	Rebecca Lyczak	SNP mapping to identify the location of suppressors of <i>pam-1</i> in <i>C. elegans</i> .
Elizabeth Wolosin and others	Rebecca Lyczak	Investigation of <i>pam-1</i> suppressors, <i>lz4</i> and <i>lz5</i> , and their effects on polarity establishment

**Biology / Biochemistry Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**



<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Audrey Simpson and others	Rebecca Roberts, Nathan Scharf	The structural and functional determination of protein 3H04 through In Silico and Wet Lab techniques
Omar Elghawy and others	Rebecca Roberts, Nathan Scharf	Isolation and Characterization of Unknown Protein 1J6P
Emma Frees and others	Rebecca Roberts	The effects of bisphenol (BPA) and BPA structural analogs on metastasis of the MCF-7 breast cancer cell line
Sarah Dolan and others	Jennifer King	Examining Cytoskeletal Proteins and Phagocytic Activity of HIV-1 Tat Exposed Microglia

**Business & Economics Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Robert Bacovin	Eric Parnell	The Relative Impact Of Financial Ratios on Stock Prices
Joshua T. Gorton	Eric Parnell	How Effective Is Free Cash Flow In Predicting Stock Prices?
Bryan B. Martin	Eric Parnell	Technical Analysis and its Impact on Returns Over the Past Five Years
Nicole G. Pupillo	Eric Parnell	How Important Is A Healthy Financial Services Industry To Economic Growth?
Etta DiMarco	Andrew Economopoulos	The Effects of Airbnb on the Hotel Industry
Timothy Dowd	Andrew Economopoulos	Capital Asset Valuation: Tangible & Intangible
Jillian Falduto	Andrew Economopoulos	Identifying Speculative Asset Bubbles
Jonathan Gerhartz	Andrew Economopoulos	The Capital Structure Story for the Life of a Technology Firm
John Hansen	Andrew Economopoulos	Mass Shootings and their Affect on Domestic Stock Prices

**HEP Poster Presentations**  
**Fieldhouse, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Stephanie Donahue	Deborah Fearheller	Blood pressure variability: differences between gender & body composition
Emily Reeve	Deborah Fearheller	Comparison of Dietary Habits between Volunteer Firefighters and Non-Firefighters
Kevin Gill	Deborah Fearheller	Correlation between Vascular Measures and Diet Intake as Risk Factors for Cardiovascular Disease
Brittany Gasser and others	April Carpenter	RICE in Mice
Maxwell Coulter and others	April Carpenter	Analysis of Skeletal Muscle Cross Sectional Area

Courtney Cortese and others	April Carpenter	Endothelial Permeability Differences in Mice
Marisa Kalkstein and others	Catherine Van de Ruit	Nurse perceptions of communication challenges among surgical departments in U.S. hospitals

### Study Abroad Poster Presentations

Fieldhouse, 11-11:50 a.m.

Presenter	Mentor	Title
Amanda Palladino	Melissa Hardin	Study Abroad in Japan
Clara Kiss and others	Melissa Hardin	Study Abroad - Institute for Field Education
Jenna Detweiler	Paula Álvarez Tamés, Melissa Hardin	Finland: Reindeer, Voisilmäpulla, and a Research Catalyst

### East Asian Studies Presentations

Olin 101, 11-11:50 a.m.

Presenter	Mentor	Title
Xinyun Zhang	Matthew, Mizenko	Practice Zazen in Japan: A trip to Experience Buddhist Meditation
Jake Nop	Matthew Mizenko	"To See with Eyes Unclouded:" Shintō, Curses, and Reconciliation in Mononoke Hime

### Theater Presentations

Olin 102, 11-11:50 a.m.

Presenter	Mentor	Title
Rachel Rhindress	Jennifer Fleeger	The Transformation of Contracting and Compensation in the Theatre Industry
Blake Thomson	Domenick Scudera	Inside Ursinus College- A Docutheater Drama

### ENV Presentations

Olin 103, 11-11:50 a.m.

Presenter	Mentor	Title
Catherine Buczek	Tristan Ashcroft	Analysis Of Pollution Sources In The Upper Skippack Drainage Area Using ArcGIS Software: A Case Study Of Land Use Types And Their Impact On Water Quality
Shawn Waldron and others	Tristan Ashcroft	What types of Topography are best fitted for retention basins?
Katrina O'Donnell and others	Tristan Ashcroft	Using ArcMap for Stream Health: An Analysis of the Skippack Watershed

### Creative Writing Readings

**Olin 107, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Katelyn King and others	Nzadi Keita	Advanced Creative Writing Readings

**Neuroscience and Psychology Presentations****Olin 108, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Jenifer Joseph and others	Jennifer Stevenson	Cartoons, Realism, and the Broad Autism Phenotype: An Eye-Tracking Study
Alexa Beacham and others	Vanessa Volpe	The Limitations of Cognitive Flexibility as a Coping Mechanism in the Face of Racial Discrimination
Deegan Miller and others	Vanessa Volpe	Gender Discrimination & Emotional Eating Behaviors

**French Presentations****Olin 201, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Daniel Walker	Julin Everett	A World Beneath: Fantasy and Reality in Suzanne Dracius's "La Montagne de Feu"
Sarah Becker	Julin Everett	Martinique's Violation: Rape and Colonialism in "La Montagne de Feu" by Suzanne Draicus
James McDaid	Julin Everett	The Creation of a Personality and the Protection of True Identity in Myriam Warner-Vieyra's "Le mur ou les charmes d'une vie conjugale".

**History Presentations****Olin 301, 11-11:50 a.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Heidi Maurer and others	Edward Onaci	African American Intellectual History

**12-12:50 p.m.****Schellhase Contest****Pfahler Musser Auditorium, 12-12:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Student Winners	Scott Deacle	Richard T. Schellhase Essay Prizes in Ethics - Reading of Award-Winning Essays

**Business & Economics Presentation**  
**Olin 101, 12-12:50 p.m.**

Presenter	Mentor	Title
Jill Falduto and others	Eric Parnell	Wall Street Report: J & J Snack Foods

**Performing Arts**  
**Olin Plaza (Rain location: Bomberger Auditorium), 12-12:50 p.m.**

Presenter	Mentor	Title
and others	Ray Mallari	String Ensemble Performance

**1-1:50 p.m.**

**Athletics Poster Presentation**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Amanda Palladino	Erin Stroble	NCAA Immersion Program

**Biology / Biochemistry Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Stephanie Hawkins and others	Rebecca Roberts, Nathan Scharf	Characterization of Protein 3FEQ Through Structural and Biochemical Techniques
Jake Lachowicz and others	Rebecca Roberts, Nathan Scharf	2QRU: What does it do?
Brittani Schnable and others	Anthony Lobo	Characterization of Three Erythromycin-Resistant Enterococcus Strains
Lilly McQueen and others	Anthony Lobo	Erythromycin-Functionalized Single-Walled Carbon Nanotubes for Antibiotic Delivery

**Business & Economics Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Mariana A. Arrisueno	Eric Parnell	Cryptocurrencies: A New Form of Exchange or a Bubble Waiting to Happen?
Sarah E. Dolan	Eric Parnell	Is Climate Change Brewing up Trouble for Coffee Drinkers?
James J. Gillette	Eric Parnell	How Landing an NFL Franchise Impacts MSA Growth And Banking Activity
Brenden S. Steiner	Eric Parnell	President Trump & 'The War On Coal'

Christopher M. Tan	Eric Parnell	Impact Of Asset Allocation On Total Portfolio Returns
James Hickey	Andrew Economopoulos	Obama vs Trump: Which President's Internet Policy had a better Impact on Internet Stock Prices?
Joseph LoStracco	Andrew Economopoulos	Does Celebrity Endorsements Help a Company's Brand to Grow?
Zach Quattro	Andrew Economopoulos	Does Higher CEO Pay Produce Better Company Performance?
Nathan Santarelli	Andrew Economopoulos	What Drives the IPO Market?
Brett Wojtkowiak	Andrew Economopoulos	Is there a Premium in the Market for Mergers with Tech Firms over Non-Tech firms?
Joyce Zheng	Andrew Economopoulos	What Value Does Mergers Bring?
Anthony Zinni	Andrew Economopoulos	REITs vs Stock Market Returns

**ENV Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Jess Greenburg	Kate Keppen	Decreasing the Trash Heap: Tracking Recycling Habits on Campus
Allie Cook	Patrick Hurley	A Multifunctional Food Forest Approach for WERS
Catherine Buczek	Leah Joseph	Paleoclimate Of Quaternary Costa Rica: Analysis Of Sediment from ODP Site 1242 In The Eastern Tropical Pacific To Explore The Behavior Of The Intertropical Convergence Zone (ITCZ) And Oceanic Circulation
Madison Moses	Denise Finney	In the Lab and the Field: Agroecology at Ursinus College Organic Farm
Samantha Parrotta	Trsitian Ashcroft	Placement of Retention Ponds Based on Future Development

**Museum Studies Poster Presentation**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Kathryn Bormann	Cari Freno	Internship Experience at the Hunterdon Art Museum

**Neuroscience Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Lauren D'Ortona and others	Carlita Favero	Low-dose prenatal ethanol-exposure in CD-1 mice and prenatal bicuculline-exposure in Swiss-Webster mice induces deviations in exploratory behavior

Natalie Barbagallo and others	Ellen Dawley	The Role of Glial Fibrillary Acidic Protein Gene in the Spinal Cord Regeneration of Urodeles
Noah Yeagley	Jennifer Stevenson	Expertise Matters in Evaluating Students' Organization of Neuroscience Concepts
Jonathan Guba	Jennifer Stevenson	Prediction of Inpatient Discharge Disposition Utilizing the National Institute of Health Stroke Scale
Noah Yeagley and others	Jennifer Stevenson	Measuring Motor Learning Differences between High and Low Autistic Trait Individuals Using Single and Double Modality Serial Reaction Time Task via Eye-Tracker.
Alexander Lehr	Joel Bish	Phosphorylation of Neuroligin 1 and Its Implications
Jennifer Pastorino and others	Joel Bish	Slow Brain Wave Activity Differences Among Concussed and Non-Concussed Individuals
Victoria Javes and others	Joel Bish	Gender Differences in Long-term Impulse Control Problems Following Concussion
Mikayla Cimino and others	Joel Bish	Long-term Effects of Executive Function as a Result of Concussions
Stephanie Guzman and others	Joel Bish	Differences in Brain Activity EEG Between Concussed and Non-Concussed Groups in Problem Solving Tasks

**Politics / IR Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
Mary Atta-Dakwa and others	Johannes Karreth	Ursinus at National Model United Nations Conference
Clara Kiss	Johannes Karreth	British Colonial Legacy and State Terror
Paul Cottam	Johannes Karreth	Does terror sway elections to the right?
Emily Klein	Johannes Karreth	How communication impacts terrorism
Katelyn King	Johannes Karreth	What effects do economic interactions of nations such as trade have on societal violence and are there notable geospatial patterns?
Charlotte Rohrer	Johannes Karreth	How and Why Does Counterterrorism Legislation Differ Country from Country: An Analysis of the USA PATRIOT Act and France's state of emergency laws
Rosina Shipman	Johannes Karreth	Home Matters
Cole Wood	Johannes Karreth	Terrorism and immigration

**Psychology Poster Presentations**  
**Fieldhouse, 1-1:50 p.m.**

Presenter	Mentor	Title
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Katherine Damato and others	Susan Lawrence	Effects of Childhood Grief Experiences
Temi Olafunmiloye	Vanessa Volpe	Examining How Social Barriers Shape Physical Barriers to Healthcare within the Black Community

**HEP/Human Performance Assessment Presentation**  
**Olin 101, 1-1:50 p.m.**

Presenter	Mentor	Title
Liana Weishaar	Catherine Van de Ruit	Evaluation of Quality Assessment Officers in Hospitals

**French Presentations**  
**Olin 102, 1-1:50 p.m.**

Presenter	Mentor	Title
Helen Brabant-Bleakley	Julin Everett	Political Rhetoric and Active Forgetting: The Language of Alpha 60 in Jean-Luc Godard's Alphaville and the discourse of Marine Le Pen
Joanna Timmerman	Julin Everett	Humanity is Resistance: Bodily Dissociation in Truismes by Marie Darrieussecq and Rhinoceros by Eugene Ionesco
Naseem Syed	Julin Everett	The Dark Continent: Djebar's silence and Cixous' laughter

**American Studies and German Presentations**  
**Olin 103, 1-1:50 p.m.**

Presenter	Mentor	Title
Gwendolyn Franklin	Jasmine Harris	The Death Rattle of West Virginia: The Interlocking Relationship Between the Coal Industry, the Opioid Epidemic and the Rise of Trump
Sydney Dickson	Robin Clouser	Migration, Integration, and Identity: A Comparison Between the Guest Worker Program and Syrian Refugees in Germany

**Theater Presentation**  
**Olin 108, 1-1:50 p.m.**

Presenter	Mentor	Title
Charlotte Torres	Domenick Scudera	Chicks Aren't Funny

**English and Art Presentations**  
**Olin 201, 1-1:50 p.m.**

Presenter	Mentor	Title
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Franklin (Garrison) McCammon and others	Diane Amoroso-O'Connor	Quantum Physics and Relativity in Lovecraft's Fiction
Kayla O'Mahony	Cari Freno	Arts, Ayuda, and Hunting Park

**English Presentations****Olin 303, 1-1:50 p.m.**

Presenter	Mentor	Title
Joe Makuc and others	Carol Dole	Autonomy in Creative Work and Shakespeare

**2-2:50 p.m.****Bonner Senior Presentations****Bomberger Auditorium, 2-2:50 p.m.**

Presenter	Mentor	Title
Ben Allwein and others	Christian Rice	Bonner Senior Presentations

**Music Presentations****Bomberger 033, 2-2:50 p.m.**

Presenter	Mentor	Title
Dylan Ryave and others	Rosa Abrahams	Music Theory Compositions Performance

**HEP & Athletics Presentations****Bomberger 228, 2-2:50 p.m.**

Presenter	Mentor	Title
Clara Greskoff	Kristin Paisley	So You Think You Want to be a Physical Therapist
Deon Edmond	Laura Moliken	Ursinus Athletics
Ryan Hodgdon and others	Wesley Hollis	Ursinus College Golf Team

**Biology Presentations****Bomberger 306, 2-2:50 p.m.**

Presenter	Mentor	Title
William Foss	Ellen Dawley	Effect of Age on The Spinal Cord Regeneration of <i>Ambystoma mexicanum</i>
Melanie Lee and others	Ellen Dawley	Studying the diversity of animals in Costa Rica through Bio 320



**Business & Economics Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

Presenter	Mentor	Title
Alex Arhontoulis	Cindy Harris	StoneMor L.P. Internship
Aileen BeVard	Cindy Harris	Vector Marketing Internship
Carl Christoph	Cindy Harris	Logan Capital Management Internship
Evan Cirafesi	Scott Deacle	Clairmont, Paciello, and Company Internship
AJ Dalessandro	Andrew Economopoulos	Souder Scenna Accounting Internship
Josh Gordon	Andrew Economopoulos	Commonwealth Health Internship
John Hansen	Rudy Henkel	KGM Gaming Internship
Johnny Meyers	Scott Deacle	Gardner, Pierce & Associates Internship
Nicole Pupillo	Cindy Harris	SEI Investments Internship
ChenYu Yin	Scott Deacle	Nanjing Kangni Mechanical & Electrical Co., Ltd Internship

**Chemistry Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

Presenter	Mentor	Title
Katherine Bell	Amanda Reig	Creation and Characterization of Rubrerythrin and Symerythrin Model Proteins
Sarah Snider Leonhauser	Brian Pfennig	A Pyrazine-Modified Cyanoferrate Complex for Carbon Dioxide Reduction to Methanol
Michael Esposito and others	Brian Pfennig	Next-Nearest-Neighbor Electronic Coupling in a Series of trans-Fe(II)Pt(IV)M(II) Trimers
Nerica Normil and others	Mark Ellison	Using PEG-modified Graphene Oxide to Deliver Tetracycline in E. coli
Noel McCampbell and others	Mark Ellison	The Interaction of Escherichia coli with Tetracycline-Functionalized Carbon Nanotubes
Omar Elghawy and others	Ryan Walvoord	The Alkylation and Subsequent Smiles Rearrangement of Hydroxycoumarin Derivatives
Julia Dorsheimer	Ryan Walvoord	Synthesis of an o-aminophenol-based Fluorescent Probe for Monitoring Copper-oxidase Activity

**Media & Communications Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

Presenter	Mentor	Title
Rachel Rhindress	Jennifer Fleeger	Adventures of an Administrative Theatre Intern
Taylor Schaeffer	Louise Woodstock	Managing Social Media
Francesca Liberatoscioli	Sheryl Goodman	TwWB
Leah Grudberg	Sheryl Goodman	The Value of Liberal Education: An Examination of Reality and Representation in Movies

**Math and Physics Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Mia Truman	Casey Schwarz	Processing and Properties of Laser Exposed Nanostructures in Arsenic Sulfide
Brittani Schnable	Casey Schwarz	Spin-coated Chalcogenide Films as a Route to Functional Nanoscale Devices
Margaret Leitz	Tom Carroll	A Graphical User Interface for Exploring Stark Maps

**Psychology Poster Presentations**  
**Fieldhouse, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Morgan Cope and others	Brent Mattingly	A Blast From the (Biased) Past: Effects of Attachment and Satisfaction on Temporal Distancing of Relationship Events
Marisa Waite and others	Brent Mattingly	Who am I? It's too soon to die: Self-concept clarity mediates the link between self-esteem and death anxiety
Xichang Wu and others	Brent Mattingly	The Role of Compensatory Self-Concept Change in an International Student's Cultural Intelligence
William Wells and others	Cathy Chambliss	Celebration vs. Boredom: Substance use choice among undergraduates
Ariel Banville and others	Cathy Chambliss	Relationship Between Attachment Styles and Depression
Samantha Ali and others	Cathy Chambliss	The Possible Distorting Effects of Divorce on Relationships with Parents
Katherine Damato and others	Cathy Chambliss	Motivating Students to Take Challenging Courses: Dweck Might Be Wrong
Ace Melendez and others	Cathy Chambliss	Understanding Sadness: Correlational Analyses of Empathy, Parental Relationships, and Depression
Kimberly-Joy Walters and others	Cathy Chambliss	Maternal Employment During Boys' Infancy: A Goldilocks Phenomenon
Theresa Mowad and others	Jennifer Stevenson	Positive Explicit Associations for Autism and Disability Observed on Campus
Indira Joell and others	Kneia DaCosta	Adolescent and Young Adult Decision-Making: The Association Between Perceived Impact of Cancer and Attitudes Towards Clinical Trials
Bryanna Jones	Vanessa Volpe	The Lived Experiences of Black Students on Predominantly White Campuses: The Role of Special Interest Housing (Teagle Diversity Fellow)

**Religious Studies Poster Presentation**  
**Fieldhouse, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Alix Segil	Nathan Rein	Technology For All Generation

**Externship Presentations**  
**Olin 101, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
John DeLia and others	Michele Poruban	2018 Ursinus Externs

**ENV Presentations**  
**Olin 102, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Sydney Godbey	Leah Joseph	Exploring juvenile diamondback terrapin (Malaclemys terrapin) habitat and behavior
Sabrina Bimson	Denise Finney	Greenhouse study of functional traits for cover crops

**French Performances**  
**Olin 104, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Gillianne Lux and others	Julin Everett	Youth In Revolt
Gillianne Lux and others	Julin Everett	Count of Monte Cristo
Jacob Kang and others	Julin Everett	Ratatouille

**Parlee Center and Study Abroad Presentations**  
**Olin 107, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Jaclyn Jordan and others	Robert Dawley	Parlee Internships in Alaska and Peru
Ashlyn Welch and others	Melissa Hardin	Glasgow Abroad

**Creative Writing Performance**  
**Olin 108, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Robin Gow and others	Jon Volkmer	Literary Society Reading

**International Relations Presentations**  
**Olin 201, 2-2:50 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Hannah Engber	Rebecca Evans	Terrorism and Counterterrorism
Clara Kiss	Rebecca Evans	Sovereignty in the Congo: From Economic Insinuation to Economic Dependence (and Everything in Between)

**3 p.m.**

**HEP Honors Defenses**  
**Kaleidoscope 207, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Patrick Rafferty	April Carpenter	The Effects of WIs Deletion in Macrophages on Muscle Repair
Alexandra Puryear	Deb Fearheller	The Feasibility of a Mediterranean Diet

**Media and Communications Honors Defenses**  
**Olin 101, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Emily Jolly	Louise Woodstock	Getting Bi: Perceptions of Bisexuality amongst Young Adults
Madison Bradley	Louise Woodstock	Living in the Liminal: Representation of Transgender and Nonbinary Identity in Steven Universe

**East Asian Studies Honors Defense**  
**Olin 102, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Rosendo Lopez-Duran	Matthew Mizenko	In the Shadow of Japanese Identity

**History Honors Defense**  
**Olin 301, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Elijah Sloat	Susanna Throop (with Abby Kluchin and John Spencer)	Who Cares? Academia's Past Choices playing out in the Present Future

**English Honors Defenses**  
**Olin 303, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Albert Hahn		
Paige Szmodis		
Robin Gow		

**French and Anthropology/Sociology Honors Defense**  
**Olin 201, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Helen Brabant-Bleakley	Julin Everett, Lauren Wynne, and Danielle Widmann Abraham	Veiled Identity: Republicanism and the Franco-Muslim Woman

**Biology Honors Defenses**  
**Pfahler Musser Auditorium, 3 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Adam Dykie	Ellen Dawley	Assessing Sox2 Expression in the Spinal Cord of <i>Ambystoma mexicanum</i> During Single and Multiple Regenerations
Dorothy Benton	Rebecca Lyczak	Identification and Phenotypic Analysis of the <i>lz5</i> suppressor of the <i>pam-1</i> mutation in <i>C. elegans</i>
Jordyn Karliner	Jennifer Round	Investigating the role of <i>Slitrk2</i> in Embryonic Neurogenesis
Rachel Weil	Beth Bailey	Contractility of the Murine Heart: Are changes in pregnancy-induced cardiac function exacerbated after two pregnancies?
Ben Allwein	Dale Cameron	Prion Protein Aggregation in Yeast: Molecular and Cellular Implications

**4-5:00 p.m.**

**Anthropology and Sociology Honors Defense**  
**Bomberger 202, 4-5:00 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Megan Burns	Lauren Wynne	Where Trying to Conceive becomes a Community Effort: An Analysis of Online Infertility Forums

**Spanish Honors Defense**  
**Olin 103, 4-5:00 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Roseangela Hartford	Jose Cornelio and Rebecca Evans	Investigating Female Indigenous Leadership in Latin America

**3:30-4:30 p.m.****Dance Performances  
Lenfest, 3:30-4:30 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Donnay Burden and others	Karen Clemente	Social Deception
Alexandra Mastrangelo and others	Karen Clemente	Recovery: A process of self-discovery
Kelsey Jean-Baptiste and others	Karen Clemente	Remembrance

**4:00-7:00 p.m.****Exhibition Reception  
Berman Museum, 4:00-7:00 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Student Artists		Annual Student Art Exhibition 2018 - New Work by Art Majors and Minors

**5:30-6:00 p.m.****Theater Performances  
Blackbox, 5:30-6:00 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Mya Flood and others	Meghan Brodie	Selections from In the Underworld by Germaine Tillion

**6:00-7:15 p.m.****Theater Performances  
Blackbox, 6:00-7:15 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
Samantha Hageman and others	Meghan Brodie	Two Minutes to Midnight

**7:30-9:30 p.m.****Dance Performances  
Lenfest, 7:30-9:30 p.m.**

<b>Presenter</b>	<b>Mentor</b>	<b>Title</b>
UCDC		Ursinus College Dance Company - Special CoSA Preview Performance