Ursinus College Celebration of Student Achievement (CoSA) Schedule of Events, 2015

Office of Academic Affairs
Ursinus College

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CoSA 2015- Schedule and Location of Events

**Ongoing:**

CREATIVE EXCHANGE EXHIBIT- Myrin Library First Floor

**8:30-10:00**

HEP CONTINENTAL BREAKFAST, AWARD CEREMONY, AND STUDENT PRESENTATIONS- Floy Lewis Bakes Lobby & Second Floor

**10:00-10:50**

CLASSICS ORAL PRESENTATIONS- Olin 101

FRENCH/MCS/IR-EAS ORAL PRESENTATIONS- Olin 102

HISTORY ORAL PRESENTATIONS- Olin 103

ENGLISH ORAL PRESENTATIONS- Olin 107

SOCIOLOGY ORAL PRESENTATION- Olin 108

CHINESE/ENGLISH ORAL PRESENTATIONS- Olin 201

BUSINESS & ECONOMICS ORAL PRESENTATIONS- Olin 303

DANCE/THEATER PERFORMANCE- Kaleidoscope Lenfest Theater

BIOLOGY/BIOCHEMISTRY POSTER PRESENTATIONS- Pfahler Hall Atrium

HEP/ MUSIC POSTER PRESENTATIONS- Myrin Library

MATHEMATICS ORAL PRESENTATIONS (PART 1)- Pfahler 106

**11:00-11:50**

MUSIC PRESENTATION- Bomberger 016

ENVIRONMENTAL STUDIES ORAL PRESENTATIONS- Bomberger 128

PSYCHOLOGY/CHEMISTRY ORAL PRESENTATIONS- Bomberger 129

FRENCH ORAL PRESENTATION- Bomberger 202

ART/HISTORY ORAL PRESENTATIONS- Bomberger 228

PHILOSOPHY ORAL PRESENTATIONS- Bomberger 306

ENGLISH PERFORMANCE- Bomberger Auditorium

CHINESE PRESENTATION- Kaleidoscope Lenfest Theater

BIOLOGY/BIOCHEMISTRY POSTER PRESENTATIONS- Pfahler Hall Atrium

BUSINESS & ECONOMICS POSTER PRESENTATIONS- Myrin Library

MATHEMATICS ORAL PRESENTATIONS (PART 2)- Pfahler 106

**12:00-1:30**

PSYCHOLOGY & NEUROSCIENCE HONOR SOCIETY INDUCTIONS- Thomas Hall 324

**12:00-12:50**

RICHARD T. SCHELLHASE ESSAY PRIZE IN ETHICS- Pfahler Hall Musser Lecture Hall
**CoSA 2015 - Schedule and Location of Events**

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<tr>
<th>Time</th>
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<tr>
<td>1:00-1:50</td>
<td>HISTORY/ENGLISH ORAL PRESENTATIONS</td>
<td>Olin 103</td>
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<td>1:00-1:50</td>
<td>THEATER/ENGLISH ORAL PRESENTATIONS</td>
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<td>1:00-1:50</td>
<td>ENGLISH ORAL PRESENTATION</td>
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<td>1:00-1:50</td>
<td>ENVIRONMENTAL STUDIES/BIOLOGY ORAL PRESENTATIONS</td>
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<tr>
<td>1:00-1:50</td>
<td>MATHEMATICS/HEP ORAL PRESENTATIONS</td>
<td>Pfahler 106</td>
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<td>1:00-1:50</td>
<td>ART ORAL PRESENTATION</td>
<td>Berman Main Gallery</td>
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<td>1:00-1:50</td>
<td>DANCE PERFORMANCE</td>
<td>Kaleidoscope Lenfest Theater</td>
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<td>1:00-1:50</td>
<td>BIOLOGY/BIOCHEMISTRY/CHEMISTRY POSTER PRESENTATIONS</td>
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<td>SUSTAINABILITY FELLOWS PRESENTATION</td>
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<td>BONNER SENIOR ORAL PRESENTATIONS</td>
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<td>ENGLISH/AMERICAN STUDIES ORAL PRESENTATIONS</td>
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<td>NEUROSCIENCE/PSYCHOLOGY POSTER PRESENTATIONS</td>
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**HONORS AFTERNOON PRESENTATIONS**

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<td>3:00-4:30</td>
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<td>3:00-4:00</td>
<td>ENGLISH</td>
<td>Olin 107</td>
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<tr>
<td>3:00-5:00</td>
<td>MEDIA &amp; COMMUNICATIONS STUDIES</td>
<td>Ritter 141</td>
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<tr>
<td>3:00-4:00</td>
<td>NEUROSCIENCE</td>
<td>Thomas Hall 324</td>
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<tr>
<td>3:00-4:00</td>
<td>PHYSICS</td>
<td>Pfahler Hall 109</td>
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<tr>
<td>3:00-4:30</td>
<td>POLITICS &amp; INTERNATIONAL RELATIONS &amp; HISTORY</td>
<td>Bomberger 129</td>
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CoSA 2015 SCHEDULE – April 23, 2015
Draft D - FINAL

Special Celebrations, Honors Presentations, and Other Events

RICHARD T. SCHELLHAASE ESSAY PRIZE IN ETHICS
Awards Ceremony – Pfahler Hall Musser Lecture Hall – 12:00-1:00pm

BERMAN MUSEUM ANNUAL STUDENT EXHIBITION
Reception – Berman Museum – 4:30-6:30pm

CREATIVE EXCHANGE
Exhibit – Myrin Library First Floor – ongoing

BIOLOGY
Honors Presentations – Pfahler Auditorium – 3:00-4:30pm
- Dan Selechnik Innovation of a Novel Prion Reporter System in Saccharomyces cerevisiae (3:00 PM)
- Regina Powers Estrogen, Bisphenol A and Bisphenol S: Regulation of Cathepsin L Activity and its Relation to Systemic Lupus Erythematosis (3:15 PM)
- Jamie Faselt The effects of host plant resistance on potato leafhopper, pea aphid and predatory insects in alfalfa (3:30 PM)
- Dylan Cuva Effects of Estrogen and Bisphenols A & S on Cathepsin Activity in Mice (3:45 PM)
- Katlin Power SNP mapping of pam-1 suppressors in Caenorhabditis elegans (4:00 PM)
- Erica Gorenberg The effect of hydrogen peroxide exposure on the dopaminergic nervous system of C. elegans (4:15 PM)

ENGLISH
Honors Presentations – Pfahler Auditorium – 3:00-4:00pm
- Quinn Gilman-Forlini Going to Heaven in a Wheelbarrow: Essays
- Dominick Knowles Redemption of Meaning in Three Novels by Italo Calvino

MATH & COMPUTER SCIENCE
Honors Presentations – Pfahler 106 – 3:30-5:30pm, April 22
- Frank DeVone Scientific Awareness at Ursinus College
- Matthew Rink Using Greed to Spread Influence in Social Networks
- Cara Sulyok Mathematical Modeling and Optimal Control of Alternative Pest Management for Alfalfa Agroecosystems
- Riley Acton Characteristics of STEM Success: A Survival Analysis Model of Factors Influencing Time to Graduation Among STEM Majors
- David Martin An Experimental Analysis of Adaptive Learning in a Multi-Subject Economy
HEALTH AND EXERCISE PHYSIOLOGY
Continental Breakfast and Award Ceremony – 8:30-9:00am – Floy Lewis Bakes Center Lobby
Scholar Award and Outstanding Young Professional Award
Student Presentations – 9:05-10:00am – Floy Lewis Bakes Second Floor
- Amanda Cornwell  The Future of Public Health: What are your Options?
- Christina Cromwell  Carotid Artery IMT, Blood Pressure, and Cardiovascular Risk Factors in Males and Females
- Joyann Oakman  Lower Extremity Joint Angle and Range of Motion are Associated with Cardiovascular Health
- Emi Perry  Sports Nutrition, Athletic Performance, and Behavior Changes. Outcomes of the Research Study on a Division 3 Cross Country Team and Their Eating Behaviors
- Karla Thiele & Sarah Muchowski  Fitness For Life: A Comprehensive-All Inclusive Wellness Program for Elementary Schools

MEDIA & COMMUNICATIONS STUDIES
Honors Presentations – Ritter 141 – 3:00-5:00pm
- Janel Forsythe  The Way I Wear My Hair: Black Women’s Hairstyles and Self-Presentation in Facebook (MCS/Soc) (3:00 PM)
- Jon Vander Lugt  Superheroes in American Mythology (4:00 PM)

NEUROSCIENCE
Honors Presentations – Thomas Hall 324 – 3:00-4:00pm
- Emily Black  Hemispheric lateralization of global and local auditory processing
- Steven Medeiros, Jr.  Playing Mind Games: Neural Correlates of Personality, Cortical Activity and Suggestibility
- Samir Shah  An Examination of Learning Modalities and the Structural Assessment of knowledge via Semantic Network Mapping
- Alvin Varghese  Executive control and neural correlate modification during acquisition of Arabic language

PHYSICS
Honors Presentation – Pfahler Hall 109 – 3:00-4:00pm
- Jacob Hollingsworth  Quantum mechanical interference in the ionization of Rydberg atoms

POLITICS & INTERNATIONAL RELATIONS & HISTORY
Honors Presentations – Bomberger 129 – 3:00-4:30pm
- Chris Goss  U.S. Public Diplomacy in the Cold War Middle East (3:00 PM)
- Nate Toriello  Prospects for Cooperation and Conflict in a Post-Climate Change Middle East (3:30 PM)
- Brian Kennedy  Tribes, Political Parties and Nation Building in Iraqi Kurdistan (4:00 PM)

PSYCHOLOGY & NEUROSCIENCE
Honor Society Inductions – Thomas Hall 324 – 12:00-1:30pm
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<tr>
<th>STUDENT</th>
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<tr>
<td><strong>CLASSICS ORAL PRESENTATIONS — Olin 101</strong></td>
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<tr>
<td>• Ryan Zeitzer</td>
<td>Diane Amoroso-O'Connor</td>
<td>De Rebus Iudaeorum in Imperio (Concerning the Affairs of the Jews in the Empire)</td>
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<tr>
<td>• Aaron Caffrey</td>
<td>Diane Amoroso-O'Connor</td>
<td>Scelus et Poena: A Comparison of Policing Systems in Ancient Rome and Contemporary Society</td>
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<tr>
<td>• Aaron Caffrey</td>
<td>Thomas Gallagher</td>
<td>You Can’t Say That!: An Examination of Linguistic Censorship in the Film Industry</td>
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<tr>
<td><strong>FRENCH / MCS / IR-EAS ORAL PRESENTATIONS — Olin 102</strong></td>
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<tr>
<td>• Kwynn Garconot-Hogan</td>
<td>Julin Everett</td>
<td>&quot;Un Québécois pur laine&quot;: Identity, Passing, and Racial Purity in Lori Saint-Martin's &quot;Pur polyester&quot;</td>
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<tr>
<td>• Jonathan Vander Lugt</td>
<td>Tony Nadler</td>
<td>Not-so-Wonder Woman: Why Lynda Carter’s Wonder Woman Really Isn’t that Feminist</td>
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<tr>
<td>• Laura Witwer</td>
<td>Rebecca Evans</td>
<td>Constructing the Yellow Peril: East Asia as the Enemy in American Foreign Policy</td>
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<tr>
<td><strong>HISTORY ORAL PRESENTATIONS — Olin 103</strong></td>
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<tr>
<td>• Brady Keener</td>
<td>Richard King</td>
<td>The Myth of Progress</td>
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<tr>
<td>• Chris Goss</td>
<td>Richard King</td>
<td>United States' Public Diplomacy in the Middle East: 1945-1961 (30 minutes)</td>
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<td><strong>ENGLISH ORAL PRESENTATIONS — Olin 107</strong></td>
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<tr>
<td>• Lauren Geiger</td>
<td>Rebecca Jaroff</td>
<td>Feminism, Marxism, and Sarah Orne Jewett's &quot;A White Heron&quot;</td>
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<tr>
<td>• Connor Moriarty</td>
<td>Rebecca Jaroff</td>
<td>Transcending Constructs: Feminist Reading &quot;A White Heron&quot;</td>
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<tr>
<td>• Brian Thomas</td>
<td>Rebecca Jaroff</td>
<td>“Strange, new voices”: Phallocentric Language and the Erotic in The Awakening</td>
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<tr>
<td><strong>SOCIIOLOGY ORAL PRESENTATION — Olin 108</strong></td>
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<tr>
<td>• Janel Forsythe</td>
<td>Dr. Harris</td>
<td>The Way I Wear My Hair: Black Women’s Self-Presentation of Hairstyles on Facebook (45 minutes)</td>
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<tr>
<td><strong>CHINESE / ENGLISH ORAL PRESENTATION — Olin 201</strong></td>
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<tr>
<td>• Joseph Wojciechowski</td>
<td>Melissa Hardin</td>
<td>Stranger in a Foreign Land: My Study Abroad Experience in Nanjing, China (30 minutes)</td>
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<tr>
<td>• Emily Duffy</td>
<td>Meredith Goldsmith</td>
<td>Mapping Good Morning Midnight: Jean Rhys’s Urban Flaneuses</td>
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<tr>
<td><strong>BUSINESS &amp; ECONOMICS ORAL PRESENTATIONS — Olin 303</strong></td>
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<tr>
<td>• Nicholas Macksoud</td>
<td>Scott Deacle</td>
<td>Trading Ahead of Bad News: Evidence from Short Sales of Stocks and the Options Market</td>
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<tr>
<td>• Jessica Rosina</td>
<td>Jennifer VanGilder</td>
<td>Choosing the right steps: Management decisions of dance businesses</td>
</tr>
<tr>
<td>• Scott Clayman</td>
<td>Andrew Economopoulos</td>
<td>Did AntebeUlium Illinois Free Banks Take Undue Risk with Their Bond Portfolios?: An Analysis of Decision-Making Prior to the Civil War</td>
</tr>
</tbody>
</table>
DANCE/THEATER PERFORMANCE – Kaleidoscope Lenfest Theater
- La'Shante Cox
- Domenick Scudera

Micro-Aggressions at Ursinus (45 minutes)

BIOLOGY / BIOCHEMISTRY POSTER PRESENTATIONS – Pfahler Hall Atrium
- Dominique Saturno, Devayu Parikh, Dylan Stephens
  Rebecca Lyczak
  Role of centrosome in anterior-posterior axis formation in single-celled Caenorhabditis elegans embryos
- Shannon Dotzel, Timothy Litz
  Rebecca Lyczak
  The Effects of Suppressors on pam-1 Mutant C. elegans
- Alyssa Kurtz, William Haussner, Emily Schleicher
  Rebecca Lyczak
  Hatching tests and genetic outcrosses to identify the target of PAM-1 in C. elegans
- Alyse Brewer, Robin Alsher, Mallory Vukovic
  Rebecca Lyczak
  Identification and Phenotypic Characterization of pam-1 Suppressors in Caenorhabditis elegans
- Yejin Hong, Stephanie Seabra
  Rebecca Kohn
  Caenorhabditis elegans Exposed to Reactive Oxidative Species and Antioxidants: A Rescue?
- Bryan Carter
  Rebecca Kohn
  Hydrogen peroxide and its effect on the apoptosis of dopaminergic neurons in C. elegans
- Kevin Monahan
  Beth Bailey
  The Effect of Different Stages of Pregnancy on Cardiac Cells in Female Mice
- Soo-Jung Kim
  Beth Bailey
  Cardiac Hypertrophy and the Physiologic Changes in Cardiac Contractility 6-9 Days Postpartum
- Deborah Eaton, Chelsea Kozior
  Beth Bailey
  Cardiac Hypertrophy and the Physiologic Changes in Cardiac Contractility 13-15 Days Postpartum
- William Chang
  Beth Bailey
  Morphological and Functional Changes in the Heart During Late Pregnancy
- Ivan Sokirniy, Lauren Trachtenberg, Shayann Ramedani
  Beth Bailey
  Western Blot Analysis of Pregnancy-Induced Cardiac Hypertrophy
- Usman Baqai, George Figueroa
  Jennifer Round
  Slitrk1’s role in the involuntary movement of zebrafish
- Marilyn Day, Amanda Kane
  Jennifer Round
  Slitrk1 is expressed in Rohon-Beard sensory neurons of the developing zebrafish spinal cord
- Samantha White, Brian Henstenburg, Shantelle Crawford
  Carlita Favero
  Differences observed in embryo size and drinking behavior in a voluntary drinking mouse model
- Dana Kluchinski, Sarah Messina, Adam Anderson
  Ellen Dawley
  Bird Species Diversity in Hunsberger Woods
HEALTH & EXERCISE PHYSIOLOGY / MUSIC POSTER PRESENTATIONS – Myrin Library

- Jessica Lenzo
- Joyann Oakman
- Christina Cromwell
- Kristin Aichele
- Emily Cooper, Nathan Bennett

Deborah Feairheller

Blood Pressure and Cardiovascular Health in College Students and Campus Faculty/Staff
The Relationship between Foot and Knee Angle and Cardiovascular Health
Carotid Artery IMT, Blood Pressure, and Fasted Glucose and Cholesterol Levels in Males and Females
Effect of Weight and an Increased Workload on Heart Rate and Blood Pressure

MATHEMATICS ORAL PRESENTATIONS (Part 1) – Pfahler 106

- Jason Rudich
- Carolyn Bastian
- Jamie Hammell
- Andrew Trachtman
- Justin Raber
- Matthew Belle

Lisa Grossbauer
April Kontostathis
Lisa Grossbauer
Akshaye Dhawan
April Kontostathis
Akshaye Dhawan

Technology in the Math Classroom
Catching the Creeps
History of Women in Mathematics, more specifically Emmy Noether
RSA Encryption
Prototyping the Kizzle Web-App
Two Algorithms attempting to maximally cover a graph with imposed group edge constraints

MUSIC PRESENTATION – Bomberger 016

- Xinyue Kang
- Holly Hubbs

Me and my Zheng (30 minutes)

ENVIRONMENTAL STUDIES ORAL PRESENTATIONS – Bomberger 128

- Megan Hanscom, Kristin McGillis
- Xyliia Serafy, Mary Kathleen Speth, Christine Le, Joshua Hoffman, Megan Hanscom, James Coble

Patrick Hurley
Patrick Hurley

Urban Foraging in the Philadelphia Region
Sustainability in Urbanizing Watersheds (30 minutes)

PSYCHOLOGY / CHEMISTRY ORAL PRESENTATIONS – Bomberger 129

- Emily Pellowe
- Aubrey Paris

Brenda Lederach
Brian Pfennig

New Beginnings without Violence and Abuse: My Experience as a Direct Service Intern with a Local Non-profit Organization
Pyrazine and Asymmetric Pyrazine-Modified Cyanoferrate Complexes in the Electro- and Photochemical Reduction of Carbon Dioxide

11 – 11:50 am
**FRENCH ORAL PRESENTATION – Bomberger 202**
- Jenna Pellegrino
- Julin Everett
  - The Beast Within: The Destiny of the Fatal Flame and the Death of Hippolyte in Phèdre by Jean Racine (45 minutes)

**ART / HISTORY ORAL PRESENTATIONS – Bomberger 228**
- Jack Meyer
- Deborah Barkun
- Kyle Peterson
- Susanna Throop
- Lindsay Doyle
- Becky Jaroff
  - Inspired Images: Georgia O’Keeffe & Alfred Stieglitz’s Collaborative Photographs
  - Gendering of Women Martyrs: A Product of the Middle and modern ages, A Visual and Textual Exploration
  - Slavery Debates in Norristown, PA

**PHILOSOPHY ORAL PRESENTATIONS – Bomberger 306**
- Douglas Hickey, Celia Morrison, Richard Schulz, Michelle Thiry, Scarlet (Si Jia) Li
  - Kelly Sorensen
  - Unit 731 and Moral Repair (30 minutes)
- Richard Schulz
  - Kelly Sorensen
  - Learning from Each Other: A Defense of Public Reason Liberalism

**ENGLISH PERFORMANCE – Bomberger Auditorium**
- Quinn Gilman-Forlini, Annie Rus, Blaise Laramee, Mara Koren, Brian Thomas, Lauren Geiger, Josh Hoffman, Brian Cox, Dana Albert, Andrew Tran, Solana Warner, Sarah Gow, Bailey Titus, Sophy Gamber
- Jon Volkmer
  - Lit Soc Reading (45 minutes)

**CHINESE PRESENTATION – Kaleidoscope Lenfest Theater**
- Ying-jeng Wang
- Ying Liu
  - Dance out Taiwan! (45 minutes)

**BIOLOGY / BIOCHEMISTRY POSTER PRESENTATIONS – Pfahler Hall Atrium**
- Daniel Selechnik, Shouli Tung, Chloe Johnson, Ky Pham, Ellen Freebern
  - Dale Cameron
  - Innovation of a New Quantitative [PSI+] Reporter System
- Annie Li, Alex Van Ooy, Erica Weaver, Sophia Lisowski
  - Dale Cameron
  - Activation of the Gene PAU7 by Prion-Induced Nonsense Suppression
- Madelyn Franklin, Dana Kluchinski, Olivia McGrath, Danielle Beal
  - Kathryn Goddard
  - Assessment of water quality in Eastern Delaware county streams using aquatic macroinvertebrate surveys
- Nicole Gruzin, Julianna Tantum
  - Kathryn Goddard
  - Molecular Genetics of Water Penny Beetles: Psephenus herricki and Ectopria nervosa
- Samantha Ha, Edward Lee, Christina Philip, Benjamin Jumper
  - Rebecca Roberts
  - The Effects of Estrodial, Bisphenol A, and Bisphenol S on Cathepsin, and its Corresponding Effect on Breast Cancer
- Gabriel Brill
  - Rebecca Roberts
  - The Effects of Estrogen, Bisphenol A and S on Cathepsins in Mice prone to Systemic Lupus Erythematosus
- Annie Kopera
  - Rebecca Roberts
  - The Effects of Estrogen and Bisphenols on Non-Immune Cell Cathepsin Activity
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<td><strong>Allied Wire and Cable Internship</strong></td>
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<td><strong>Merrill Lynch Internship</strong></td>
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<td><strong>Winter Internship</strong></td>
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<td><strong>Wage Valuation of Major League Soccer Players</strong></td>
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<td><strong>Determinants of Compensation in the PGA Tour</strong></td>
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<td><strong>How Does Player Efficiency Effect Salary Among NBA Players</strong></td>
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<td><strong>Crime rate and unemployment</strong></td>
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<td><strong>Taxing Workloads: The Life of a Public Accountant</strong></td>
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<td><strong>My Experience as an Intern at ESPN</strong></td>
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<td><strong>Remindermedia internship</strong></td>
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<td><strong>Charm City Networks Internship</strong></td>
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<td><strong>USLI (United States Liabilities and Insurance Group) Internship</strong></td>
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<td><strong>Quantum Computing: Simulating Rydberg Atoms Using Numerical Techniques</strong></td>
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<td><strong>Dipole-dipole interactions of super cold Rydberg Atoms</strong></td>
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<tr>
<td><strong>Chatcoder improvements</strong></td>
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<td><strong>No Reservations: A Look at the Importance of Hotel Systems</strong></td>
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12 – 12:50 pm

RICHARD T. SCHELLHASE ESSAY PRIZE IN ETHICS – Pfahler Hall Musser Lecture Hall
• Announcement of winners of the Richard T. Schellhase Essay Prize in Ethics

1 – 1:50 pm

HISTORY / ENGLISH ORAL PRESENTATIONS – Olin 103
• Justin Bogle Ross Doughty American Advance to Armor (30 minutes)
• Henry Willshire Jeffrey Brown “Where Modernism Went: The [In]-Escapable Institution in A Portrait of the Artist as a Young Man”

THEATER / ENGLISH ORAL PRESENTATIONS – Olin 107
• Nina Petry Patricia Schroeder “Liquor is one way out an’ death’s the other”: Tennessee Williams’ Critique of Structural Homophobia
• Jordan Dunnigan, Mary Lobo, Kwynn Garcenot-Hogan, Amanda Sierzega, Brian Leipold, Arthur Robinson
  Domenick Scudera Progression of Gay Characters in Theatre During the 1900s (30 minutes)

ENGLISH ORAL PRESENTATION – Olin 108
• Blaise Laramee, Kristen Costello, Kristen, Emily Duffy, Isabella Esser Munera, Megan Keenan, Kelsey Knowles, Caroline Putscher, Andrew Tran
  Anna Maria Hong Creative Writing Capstone Course (45 minutes)

ENVIRONMENTAL STUDIES / BIOLOGY ORAL PRESENTATIONS – Olin 303
• Michael Gasbarro Kathryn Goddard Analysis Of Bacteria In A New Jersey Coastal Lagoon To Identify A Source Of Contamination
• Grace Barter, Olivia McGrath Patrick Hurley Land Management Practices and Yard Usage in Subdivisions of Western Montgomery County
• Hannah Marshall Brandon Hoover Increasing Student Engagement by Making Energy Conservation Fun

MATHEMATICS / HEALTH & EXERCISE PHYSIOLOGY ORAL PRESENTATIONS – Pfahler 106
• Frank DeVone April Kontostathis Scientific Awareness at Ursinus College
• Collin Takita Christopher Sadowski A Motivated Proof of Overpartition Identities of the Rogers-Ramanujan Type
• Michael Neal Deborah Fearheller Joint Angle Measurements in Previously Injured Athletes

ART ORAL PRESENTATION – Berman Main Gallery
• Kyle Peterson Sarah Kaufman To Deal
DANCE PERFORMANCE – Kaleidoscope Lenfest Theater
- Ernest Gurish, Kevin Cox, Brian Cox, Max Molishever, Xyilia Serafy, Emmett Goodman-Boyd, Mary Holmcrans, Olivia Keithley, Derek Burtraw, Mackensie Kilgore, La'Shante Cox
  Jeanine McCain  
  Ricochet 2015: An Interdisciplinary Collaboration (45 minutes)

BIOLOGY / BIOCHEMISTRY / CHEMISTRY POSTER PRESENTATIONS – Pfahler Hall Atrium
- MinFeng Anthony Lobo  
  Identification of wild yeasts involved in fermentation of a sourdough starter
- Colleen Leahy, Erin Klazas, Summer Gavin, Edward Lee, Mary Kathleen Speth, Allison LaClair, Christian Hoogheem
  Anthony Lobo  
  How can we keep the American food supply safe?
- Aubrey Paris, Brenna Rasmussen, Carrie Putscher, Shantelle Crawford, Christine Le, Keven Hoogheem
  Anthony Lobo  
  How can we keep the American food supply safe?
- Marilyn Day, Kevin Monahan, Elizabeth Cooley, James Worrilow, Mallory Vukovic, Samantha White
  Anthony Lobo  
  How can we keep the American food supply safe?
- Christine Philip Amanda Reig  
  Characterization of E11H/E44H4DFsc Proteins
- Katherine O'Shea Amanda Reig  
  Structural and functional characterizations of 4-His/3-carboxylate G4DFsc proteins
- Jenna Pellegrino Amanda Reig  
  Creation and Characterization of Ruberythrin and Symerythrin Model Proteins
- Danielle Kritz Eric Williamsen  
  HPLC Retention Analysis of Alkyl Phenyl Stationary Phase
- Justin Munro Eric Williamsen  
  Analysis of the Volatile Gas and Liquid Composition of a Sourdough Mash
- Jonathan Stoeber, Madison Force, Ria Rathi
  Mark Ellison  
  Carbon nanotubes and their treatments in diseases
- Anna Fiorella Mark Ellison  
  Toxicity of Lithium Cobalt Dioxide Quantum Dots in Caenorhabditis elegans
- Lucas Bricker, Laura Nebel, Sam Menges, Elliott Purdie
  Mark Ellison  
  Analysis of Carbon Nanotubes as Molecular Conduits
- Katherine Fiocca Mark Ellison  
  Using PEG-modified Nano-graphene Oxide to Deliver Tetracycline in Resistant Escherichia coli
- Allison Arinaga Brian Pfennig  
  Electrochemical and Photochemical Analysis of Mixed-Valence Compounds from Carboplatin

BONNER POSTER PRESENTATIONS – Myrin Library
- Maureen Lannon, James Checkowski, Angela Upright, Jessica Vadaketh, Neomi Haut, Romina Kalmeijer, Bailey Titus, Kate Bormann
  Christian Rice  
  ACLAMO Family Centers After-School Program
- Tabi Rudzinski, Becky Smith, Zooey (Sammi) Hoffeld, Danielle Kritz, Devayu Parikh, Thamden Wangyal
  Christian Rice  
  Sebastian Riding Associates
- Samantha Ha, Nicholas DiMuzio, Nicholas Macksoud, Shannon Serafin, Jamie Faselt, Benjamin Allwein
  Christian Rice  
  Effects of Creative After-School Alternatives in Fostering a Positive Space for Middle-Schoolers in Norristown, PA
- Erin Klazas, Steve Rodolico, Danielle Kritz
  Christian Rice  
  Eisenhower STEM After-School Science Exploration
- Michael Esposito, Maddie Mackenzie
  Christian Rice  
  PAPA- Phoenixville Area Positive Alternatives
Brown Rebecca Christian Rice Montgomery County Correctional Facility GED and Adult Basic Education Programs
Kimberly Quintero Christian Rice America Reads: A National Literacy Campaign
Katherine Avetta Christian Rice Columbia Cottage
Kelly Johnson, Thamden Wangyal, Katherine Avetta, Angela Upright, Devayu Parikh
Christian Rice Volunteering at Catholic Social Services
Emily Duffy, Kimberly Quintero, Benjamin Allwein, Edgar Torres, Jessica Vadaketh
Christian Rice Norristown Area High School Adult Evening School
Victoria Jones Christian Rice Manna On Main Street
Shannon Serafin, Kate Bormann, Sophy Gamber Christian Rice Parkhouse Geriatric
Haley Brush, Kate Bormann, Ben Allwein Christian Rice Cradles to Crayons

2 – 2:50 pm

SUSTAINABILITY FELLOWS PRESENTATION – Bomberger 129
- Olivia Keithley, Zachary Trauger, Kisha Patel, Connor Murphy, Hannah Marshall, Josh Hoffman, Karina Marks, Bahir Eley, Colleen Monahan, Sydney Godbey, Alana Lorraine Shannon Spencer Sustainability Fellows (45 minutes)

BONNER SENIOR ORAL PRESENTATIONS – Bomberger Auditorium
- Mary Kate Speth, Jamie Faselt, Emily Duffy, Nicholas DiMuzio, Lily Kehoe, Kimberly Quintero Christian Rice Senior Presentation of Learning (45 minutes)

BIOLOGY / BIOCHEMISTRY ORAL PRESENTATIONS – Bomberger 306
- Meagan Kurland Rebecca Lyczak The Identification of Targets of pam-1 Through the Use of Suppressors in Caenorhabditis elegans
- Alex van Ooy Dale Cameron Effects of the Molecular Chaperone Zuol and Pleiotropic Drug Resistance on Prion Formation in S. cerevisiae
- Ivan Sokirny Amanda Reig SEMIQUINONE STABILIZATION VIA DE NOVO DESIGNED PROTEIN SCAFFOLDS

ENGLISH / AMERICAN STUDIES ORAL PRESENTATIONS – Bomberger 202
- Bernadette Calderone Rebecca Jaroff Willa Cather and Vergil: The harmony of My Ántonia and the Georgics
- Amanda Frekot Rebecca Jaroff A Long-Distance Romance: Constructing Slavery in Antebellum Literature
- Meghan Strong Meredith Goldsmith Treasure Hunt without a Map: Archival Research at the University of Pennsylvania
**EDUCATION ORAL PRESENTATIONS** – Bomberger 128

- Tony Sierzega, Stephanie Mackler: The Liberal Arts in London
- Phoebe Keleher, Stephanie Mackler: Education and the University of Roehampton

**DANCE PERFORMANCE** – Kaleidoscope Lenfest Theater

- Rosie Davis-Aubrey, Amanda Otto, Laurel Boyce, Kierra Taylor-Jones, Jane Sutton, Corinne Minogue, Megan Rosenberger, Brooke Moses, Danielle Uibel, La'Shante Cox: Jeanine McCain

  Murmuration: Improvisation in Choreographic Research and Performance (45 minutes)

**NEUROSCIENCE / PSYCHOLOGY POSTER PRESENTATIONS** – Pfahler Hall Atrium

- Alvin Varghese, Zackary Miller, Nikita Subnani, Ina Hysko, Diane Mathew, Lauren Plyler, Margaret Philbin: Joel Bish

  Executive Control, Neural Correlate and Visual Processing Modification during the Acquisition of Arabic Language
- Samuel Talerico, Angelo Montenegro, Daniel Brogan, Samir Shah: Joel Bish

  An examination of learning modalities and the structural assessment of knowledge
- Joe Murray, Jane Lee, Steve Medeiros: Joel Bish

  Playing Mind Games: Neural Correlates of Personality, Cortical Activity and Suggestibility
- Rachel Philip, Hayley O'Donnell, Margo Randelman, Christopher Lipsett, Eryl MacConnell: Joel Bish

  Visual and Emotional Processing in Individuals with Differential Autistic Qualities
- Emily Black, Jenny Jones, Brennan McFarland, Mary Foggo, Sarah Godfrey, Jeffrey Lubin, Hale Soloff, Tess Wiggin: Jennifer Stevenson

  Hemispheric Lateralization of Global and Local Auditory Processing
- Emily Black: Jennifer Stevenson

  Effect of Musical Experience on Hemispheric Lateralization of Global and Local Auditory Processing
- Mary Foggo, Sarah Godfrey, Brennan McFarland: Jennifer Stevenson

  Investigating the extreme male brain theory using eye-tracking
- Alexandra Habecker, Jennifer Jones, Jaclyn Lloyd, Jordan Miller: Jennifer Stevenson

  Testing the Reliability of the Autism-Spectrum Quotient over Time
- Nicolle Donato, Zachary DiPasquale, Aliya Teja, Crysta Zurad, Devin Brakel, Nicole Pacera: Jennifer Stevenson

  Relation between Early Motor Skills and Language Skills in Autistic and Typically Developing Children
- Elizabeth Farrell, Rebecca Brown, Allison Frymoyer, Lacey Evangelista, Jill Lawrence, Lorena Haberern: Cathy Chambliss

  Individual Differences in Depression and Loneliness on Mobile Phone Use and Relationship Disruption
- Samantha Straughn, Elizabeth Farrell, Michelle Steckler, Kristina Steffenhagen: Brent Mattingly

  “It’s No Big Deal”: Self-Esteem and Attachment as Moderators of Cognitive Dissonance Reduction
- Grant McPherson, Thalia Garcia: Brent Mattingly

  Exploring the World of Self-Expansion: Understanding the Travelling Context
- Anna Kozitsky: Brent Mattingly

  “Honey, I Shrunk the Self-Concept”: Self-Change Processes and Relationship Outcomes
- Brittney Dolson, Sneha Joseph, Micaela Lyons: Brent Mattingly

  “It’s not you it’s me: Effects of self-concept on cognitive dissonance within relationships”
- Sneha Joseph, Samantha Cieniawa, Cameron Kennedy, JD Edgard, Nathan Bennett, Leah Masiello
  Kneia DaCosta
  Taking the Adolescent (Im)Pulse: Fresh Voices of Middle School Youth on Food & Beverage Ads, Brands, and Eating Behavior

- Christina Fisher, Jill Lawrence, Maria Miller, Alexa Hoffman, Lindsey Cerria, Moira Kisch, Ryan March, Melanie Daley, Rebecca Brown, Nicole Cullara
  Cathy Chambliss
  Presence of Suicidal Thoughts and Depression and their Relation to Loneliness, Self-Esteem, and Attachment Patterns

- Rebecca Brown, Nicole Cullara, Jill Lawrence, Maria Miller, Christina Fisher, Alexa Hoffman, Ryan March, Lindsey Cerria, Moira Kisch, Melanie Daley
  Cathy Chambliss
  Mobile Device Distraction: Who is most guilty and who is most bothered by this offense?

- Ryan March, Melanie Daley, Rebecca Brown, Nicole Cullara, Jill Lawrence, Maria Miller, Christina Fisher, Alexa Hoffman, Lindsey Cerria, Moira Kisch,
  Cathy Chambliss
  Financial Motivation and Empathy: Status and Security Money Concerns & Empathetic Compassion