



4-23-2015

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

1:00-1:50

HISTORY/ENGLISH ORAL PRESENTATIONS- Olin 103
THEATER/ENGLISH ORAL PRESENTATIONS- Olin 107
ENGLISH ORAL PRESENTATION- Olin 108
ENVIRONMENTAL STUDIES/BIOLOGY ORAL PRESENTATIONS- Olin 303
MATHEMATICS/HEP ORAL PRESENTATIONS- Pfahler 106
ART ORAL PRESENTATION- Berman Main Gallery
DANCE PERFORMANCE- Kaleidoscope Lenfest Theater
BIOLOGY/BIOCHEMISTRY/CHEMISTRY POSTER PRESENTATIONS- Pfahler Hall Atrium
BONNER POSTER PRESENTATIONS- Myrin Library

2:00-2:50

SUSTAINABILITY FELLOWS PRESENTATION- Bomberger 129
BONNER SENIOR ORAL PRESENTATIONS- Bomberger Auditorium
BIOLOGY/BIOCHEMISTRY ORAL PRESENTATIONS- Bomberger 306
ENGLISH/AMERICAN STUDIES ORAL PRESENTATIONS- Bomberger 202
EDUCATION ORAL PRESENTATIONS- Bomberger 128
DANCE PERFORMANCE- Kaleidoscope Lenfest Theater
NEUROSCIENCE/PSYCHOLOGY POSTER PRESENTATIONS- Pfahler Hall Atrium

HONORS AFTERNOON PRESENTATIONS

3:00-4:30 BIOLOGY- Pfahler Auditorium
3:00-4:00 ENGLISH- Olin 107
3:00-5:00 MEDIA & COMMUNICATIONS STUDIES- Ritter 141
3:00-4:00 NEUROSCIENCE- Thomas Hall 324
3:00-4:00 PHYSICS- Pfahler Hall 109
3:00-4:30 POLITICS & INTERNATIONAL RELATIONS & HISTORY- Bomberger 129

CoSA 2015 SCHEDULE – April 23, 2015

Draft D - FINAL

Special Celebrations, Honors Presentations, and Other Events

RICHARD T. SCHELLHASE 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 *Saccaromyces cerevisiae* (3:00 PM)
- Regina Powers Estrogen, Bisphenol A and Bisphenol S: Regulation of Cathepsin L Activity and its Relation to Systemic Lupus Erythematosus (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 and Capstone Presentations – Olin Hall 107 – 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

10 – 10:50 am

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

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

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|--------------------------------|--------------------|---|
| • Jessica Lenzo | Deborah Fearheller | Blood Pressure and Cardiovascular Health in College Students and Campus Faculty/Staff |
| • Joyann Oakman | Deborah Fearheller | The Relationship between Foot and Knee Angle and Cardiovascular Health |
| • Christina Cromwell | Deborah Fearheller | Carotid Artery IMT, Blood Pressure, and Fasted Glucose and Cholesterol Levels in Males and Females |
| • Kristin Aichele | Deborah Fearheller | Effect of Weight and an Increased Workload on Heart Rate and Blood Pressure |
| • Emily Cooper, Nathan Bennett | Holly Hubbs | The Effects of Formal Music Education on Important Factors in the Abstraction of Relationships of Relative Structural Importance in 20th Century Atonal and Early Electronic Music. |

MATHEMATICS ORAL PRESENTATIONS (Part 1) – Pfahler 106

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|--------------------|--------------------|--|
| • Jason Rudich | Lisa Grossbauer | Technology in the Math Classroom |
| • Carolyn Bastian | April Kontostathis | Catching the Creeps |
| • Jamie Hammell | Lisa Grossbauer | History of Women in Mathematics, more specifically Emmy Noether |
| • Andrew Trachtman | Akshaye Dhawan | RSA Encryption |
| • Justin Raber | April Kontostathis | Prototyping the Kizzle Web-App |
| • Matthew Belle | Akshaye Dhawan | Two Algorithms attempting to maximally cover a graph with imposed group edge constraints |

11 – 11:50 am**MUSIC PRESENTATION – Bomberger 016**

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|---------------|-------------|---------------------------------------|
| • Xinyue Kang | Holly Hubbs | Me and my Zheng (<i>30 minutes</i>) |
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ENVIRONMENTAL STUDIES ORAL PRESENTATIONS – Bomberger 128

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|---|----------------|---|
| • Megan Hanscom, Kristin McGillis | Patrick Hurley | Urban Foraging in the Philadelphia Region |
| • Xylia Serafy, Mary Kathleen Speth, Christine Le, Joshua Hoffman, Megan Hanscom, James Coble | Patrick Hurley | Sustainability in Urbanizing Watersheds (<i>30 minutes</i>) |

PSYCHOLOGY / CHEMISTRY ORAL PRESENTATIONS – Bomberger 129

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|-----------------|-----------------|--|
| • Emily Pellowe | Brenda Lederach | New Beginnings without Violence and Abuse: My Experience as a Direct Service Intern with a Local Non-profit Organization |
| • Aubrey Paris | Brian Pfennig | Pyrazine and Asymmetric Pyrazine-Modified Cyanoferrate Complexes in the Electro- and Photochemical Reduction of Carbon Dioxide |

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 Inspired Images: Georgia O’Keeffe & Alfred Stieglitz’s Collaborative Photographs
- Kyle Peterson Susanna Throop Gendering of Women Martyrs: A Product of the Middle and modern ages, A Visual and Textual Exploration
- Lindsay Doyle Becky Jaroff 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 Laramée, 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

- Peter Eisenhaüer, Jennifer Grugan
Rebecca Roberts B lymphocytes from lupus-prone mice are highly sensitive to LPS stimulation.
- Shelby Marchese, Nathan Fritzing, Kristen Prijs
Julia Koepe Investigating Interactions between the Lectin-like Domain of Thrombomodulin and Complement Component 3
- Gavin Palowitch, Caroline Gambone
Julia Koepe Determination of protein-protein interactions between TMD1 and C3 using fluorescence resonance energy transfer
- Mackenzie Kyner Eric Williamsen Understanding High-Performance Liquid Chromatographic (HPLC) Retention of An Octyl Stationary Phase
- Matthew Scott, Michael Melchiorre, Kimberly Realbuto, Jamie Faselt, Erich Keyser, Phoenixia Rene, Scott Vondy
Cory Straub Effect of plant trichomes and a grass intercrop on two herbivore species in alfalfa

BUSINESS & ECONOMICS POSTER PRESENTATIONS – Myrin Library

- Kendra Deuel Scott Deacle Internship at MW Group of Royersford
- Thomas Highland Scott Deacle Pennsylvania Baseball Academy Internship
- Raheemah Shubrick Andrew Economopoulos EverBank Internship
- Jeremy Jones Scott Deacle Boehringer Laboratories Internship
- Josef Gershun Scott Deacle Allied Wire and Cable Internship
- Devin Thompson Scott Deacle Merrill Lynch Internship
- Chi-E Low Cindy Harris Winter Internship
- Miles Perkins Jennifer VanGilder Wage Valuation of Major League Soccer Players
- Brian Neff Jennifer VanGilder Determinants of Compensation in the PGA Tour
- Joshua Williams Jennifer VanGilder How Does Player Efficiency Effect Salary Among NBA Players
- Yifan He Jennifer VanGilder Crime rate and unemployment
- Eric Boyer Jennifer VanGilder Taxing Workloads: The Life of a Public Accountant
- Stephen Smyrl Jennifer VanGilder My Experience as an Intern at ESPN
- Heather Perpetua Jennifer VanGilder Remindermedia internship
- David Rogers Jennifer VanGilder Charm City Networks Internship
- James Hoff Andrew Economopoulos USLI (United States Liabilities and Insurance Group) Internship
- Christian Psomas Heather O'Neill Internship with PC Curry Flooring

MATHEMATICS ORAL PRESENTATIONS (Part 2) – Pfahler 106

- Kevin Cox April Kontostathis Statistics in Student Affairs: NSSE Data at Ursinus
- Michael Giongo Nick Scoville Quantum Computing: Simulating Rydberg Atoms Using Numerical Techniques
- Tyler Helms Nick Scoville Dipole-dipole interactions of super cold Rydberg Atoms
- Robert Stefankiewicz April Kontostathis Chatcoder improvements
- Danielle Clennon April Kontostathis No Reservations: A Look at the Importance of Hotel Systems

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 Laramée, 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 Feairheller 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, Xylia 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

- Min Feng 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/E44HG4DFsc 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 Rubrerythrin 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, Zoey (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 Zuo1 and Pleiotropic Drug Resistance on Prion Formation in *S. cerevisiae*
- Ivan Sokirniy 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
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