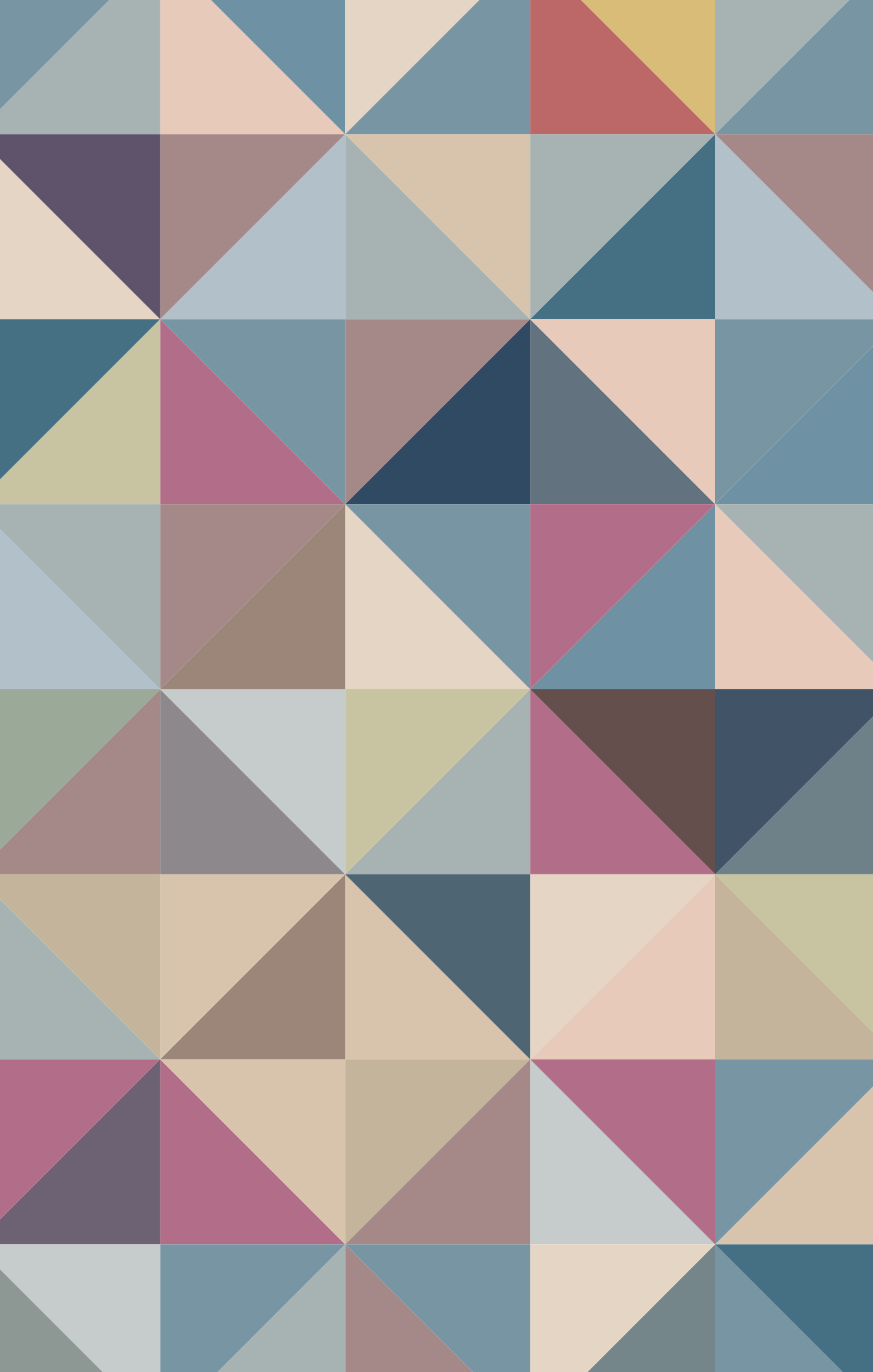




Students and Faculty
Working Together
Saturday, April 20, 2013

Celebrating Collaborations



**Celebrating Collaborations:
Students and Faculty Working Together
Saturday, April 20, 2013
8 a.m.–5:15 p.m.**

Smith College's annual showcase of student research and performance highlights students' intellectual achievements and collaborative efforts with faculty in a variety of departmental, program and interdisciplinary projects. This is

a celebration
of liberal arts
education.

It is our hope that all members of the Smith community and many guests will partake in the educational richness of this day, recognizing that these sessions are a mere sampling of the exciting student-faculty collaborations that unfold on our campus every day.

Program

Special Exhibits

These student-curated exhibits will be available for viewing all day.

The Chemist in the Garden: Origins of Natural Products

Ford Hall Atrium

Signe Dahlberg-Wright '14

An exhibit of botanical books from the Mortimer Rare Book Room collection, deriving from special studies with Lâle Burk, senior lecturer in chemistry; Martin Antonetti, lecturer in art and curator of rare books; and Barbara Blumenthal, rare book specialist

Gaze of Our Lives: Female Portraits, a Selection From the Cunningham Center for Prints, Drawings and Photographs

Winslow Teaching Gallery, lower level, Smith College Museum of Art

Petru Bester '15J, Amanda Ferrara '13, Hailey Hargraves '13, Honor Hawkins '13, Magdalena Hoot '16, Margaret Kean '14, Frances Lazare '14, Megan Lowry '14, Jinan Martiuk '14, Eleanor Morse '14, Isabella Pioli '15, Shama Rahman '13, Janna Singer-Baefsky '15, Marley Smit '14, Katherine Wisniewski '13 and Manzhuang Zheng '13

8–10:30 a.m. Morning Refreshments

Campus Center

8:30–10:30 a.m. Science Poster Session

Campus Center

Science poster displays are numbered to correspond with the numbers below.

Chloe Beckman '16, Alexandra Singer '16, Mary Patterson '16, Dana Hsu '16, Josie Verchomin '16, Elizabeth Lindley '15 and Abagael Shrader '13 **1**
“Then We Became Friends and Respected Each Other”: The Relation Between Earning Respect and Friendship in Middle Childhood; science poster session deriving from laboratory research with Shannon Audley-Piotrowski, assistant professor of education and child study

Isabel Lipartito '15 **2**
Expanding Scientific Education in Local Communities and Throughout the Nation; science poster session deriving from STRIDE research with Thomas Gralinski, outreach coordinator for the Center for Community Collaboration

Alyssa Stanek '13 and Laura Malecky '13 **3**
Coral Reef Ed-Ventures Program 2012—From Mangrove to Deep Sea: An Environmental Education Initiative for Schoolchildren in San Pedro, Belize; science poster session deriving from summer internship with H. Allen Curran, William R. Kenan, Jr., Professor Emeritus of Geology; L. David Smith, professor of biological sciences; and Denise Lello, coordinator of the Four College Biomathematics Consortium

Wanda Feng '15 4

Mass Accretion From T Tauri Stars; science poster session deriving from SURF and special studies with Suzan Edwards, L. Clark Seelye Professor of Astronomy

Eva Lubeck-Schricker '15 5

Exoplanet Transits; science poster session deriving from special studies with James Lowenthal, professor of astronomy

Xinyi (Cherry) Huang '16 6

The Large Van de Graaff Generator History; science poster session deriving from early research projects with Dana Parsons, laboratory supervisor in physics

Brenda Carballo-Ramirez '14 and Maya Lewin-Berlin '13 7

Interplay Between Packing and Flow in the Shear Zone at the Wall of a Granular Hopper Flow; science poster session deriving from grant-supported research with Nalini Easwar, professor of physics

Jenny Podol '14 8

Teaching the Physics of Granular Material Through Scientific Inquiry; science poster session deriving from special studies with Nalini Easwar, professor of physics

Szilvia B. Kiss '13 and Emily Flynn '14 9

Validating KINARI Rigidity Analysis: Cluster Comparison and Visualization; science poster session deriving from classwork with Ileana Streinu, Charles N. Clark Professor of Computer Science

Emily Flynn '14 and Sharon Pamela Santana '14 10

Rigidity and Flexibility of Nucleic Acid Protein Complexes; science poster session deriving from biomathematics research with Ileana Streinu, Charles N. Clark Professor of Computer Science

Jennifer Weng '15 11

Improved Test of Energy Quantization in Atomic Gases; science poster session deriving from STRIDE research with Nathanael Fortune, professor of physics

Kelly Smith '13 and Min Jeong Kim '15 12

Synthesis and Purification of 2,6-Dimethylcyclohexanol and 2,6-Disubstituted Cyclohexanol for Application as General Anesthetics; science poster session deriving from thesis work with Kevin Shea, associate professor of chemistry

Tessa Clark '13, Gloria Ortiz '14 and Emma Whetsell '14 13

The Synthesis and Reactivity of a Novel Cationic Diels-Alder Dienophile Stabilized by a Cobalt-Complexed Alkyne; science poster session deriving from special studies with Kevin Shea, associate professor of chemistry

Szilvia Kiss '13 and ShuMing Huang '15 14

Development of a Cobalt-Mediated Synthesis of Strained Cyclic Alkynes; science poster session deriving from thesis work with Kevin Shea, associate professor of chemistry

Elsa Hinds '13 and Zulema Peralta '15 15

Development of a Tandem Diels-Alder/Pauson-Khand Reaction Strategy for the Synthesis of Tetracycles; science poster session deriving from thesis work with Kevin Shea, associate professor of chemistry

Caroline Keroack '14 16

Structural Analysis of Neurolenins A and B; science poster session deriving from special studies with Kevin Shea, associate professor of chemistry, and Steven Williams, Gates Professor of Biological Sciences

Danielle Chichester '13 17

2D NMR Spectroscopy of Mutagenic DNA Duplexes; science poster session deriving from thesis work with Elizabeth Jamieson, associate professor of chemistry, and Cristina Suarez, associate professor of chemistry

Yoon Bae '15, Brian Gruessner and Elizabeth Stewart '13 18

Investigation of the Thermodynamic Stability of the Diastereomeric Spiroiminodihydantoin Lesion; science poster session deriving from thesis work and special studies with Elizabeth Jamieson, associate professor of chemistry

Kimberly Kupinski '15 19

Synthesis, Purification and Characterization of the Diastereomers of the Spiroiminodihydantoin Lesion of DNA; science poster session deriving from STRIDE research with Elizabeth Jamieson, associate professor of chemistry

Jiyeon Kim '13, Garbo Garbocauskas '15, Drew Colman '15 and Shimu Liu '15 20

DNA-Small Molecule Conjugates for Site-Selective Chemistry; science poster session deriving from thesis work with David Gorin, assistant professor of chemistry

Yuan Ji '14, Jessica Sweeney '14 and Jillian Zoglio '14 21

Methylation of Oxygen Nucleophiles in Organic Synthesis; science poster session deriving from special studies with David Gorin, assistant professor of chemistry

Yue Cao '15, Sara Stoudt '15 and Dana Udwin '14 22

Sampling With Google Maps and R to Estimate Population Proportions; science poster session deriving from classwork with Nicholas Horton, professor of mathematics and statistics

Kate Aloisio '13 23

Making Sense of Discordant Reports: Missing Data and Eating Disorders; science poster session deriving from

thesis work with Nicholas Horton, professor of mathematics and statistics

Roseanna Hopper '15 24

Understanding Quantitative Skills of Smith College Students; science poster session deriving from STRIDE research with Nicholas Horton, professor of mathematics and statistics, and Minh Ly, assistant director for assessment

Linda Loi '13 25

Marks for R Markdown; science poster session deriving from special studies with Nicholas Horton, professor of mathematics and statistics

Sarah Alper '15 and Brittany Claiborne '16 26

Where in the World Is the Year of Statistics?; science poster session deriving from STRIDE research with Nicholas Horton, professor of mathematics and statistics

Claire Delzell '16 27

Orderly Tangles: Rebuilding and Expanding Upon Alan Holden's Polylinks; science poster deriving from STRIDE research with Pau Atela, professor of mathematics and statistics, and Marjorie Senechal, Louise Wolff Kahn Professor Emerita in Mathematics and History of Science and Technology

Yamin Tun '14 and Rumbidzai Vushe '14 28

Glowing Light: Electricity-Consumption Monitoring Device; science poster session deriving from special studies with Judith Cardell, associate professor of engineering and of computer science

Jinjin Lu '14 29

State Grid Indicator; science poster session deriving from special studies with Judith Cardell, associate professor of engineering and of computer science

Jennifer Holliday '13 30

Rural Electrification in South Africa: Design Challenges and Considerations; science poster session deriving from thesis work with Judith Cardell, associate professor of engineering and of computer science

Genevieve de Mijolla '13 31

Customer Interface for Real-Time Electrical Demand; science poster session deriving from thesis work with Judith Cardell, associate professor of engineering and of computer science

June Lukuyu '13 32

Design and Analysis of Hybrid Off-Grid Power Systems for Remote Villages in Kenya; science poster session deriving from thesis work with Judith Cardell, associate professor of engineering and of computer science

Lauren Hilton '14 33

Up, Up and Away: Miniature Fuel Cell Systems for Meteorological Balloons; science poster session deriving from special studies with Denise McKahn, assistant professor of engineering

Zin Min Aye '13, Phoebe DeGroot '13 and Celeste To '13 34

Design of an Impeller Labyrinth Seal; science poster session deriving from classwork sponsored by Dresser-Rand with Susannah Howe, director of the design clinic and senior lecturer in engineering

Shannon MacKenzie '13, Yun Ni '13 and Alina Pechacek '13 35

Design of an Algorithm to Identify Targets From Bistatic Radar Data; science poster session deriving from classwork sponsored by MITRE with Susannah Howe, director of the design clinic and senior lecturer in engineering

Sofia Goodrich '13, Linda Son '13 and Sarah Weber '13 36

Design of a Scalp Cooling Device to Reduce Hair Loss During Chemotherapy; science poster session deriving from classwork sponsored by 3M, in conjunction with collaborators at Marquette University and with Susannah Howe, director of the design clinic and senior lecturer in engineering

Bianca Arevalo '16, Flora Wang '16, Meghna Purkayastha '16 and Adrienne Saludades '15 37

Facilitating Engineering Innovation by Integrating Biomimicry and TRIZ; science poster session deriving from STRIDE research with Susannah Howe, director of the design clinic and senior lecturer in engineering

Taylor Beall '13, Elizabeth Donovan '13, Marie Frese '13 and Alex Van De Water '13 38

Prediction of Cooling Fin Erosion and Development of Design Improvements to Reduce Damage; science poster session deriving from classwork sponsored by United Technologies Aerospace Systems with Susannah Howe, director of the design clinic and senior lecturer in engineering

Lindsay Duran '13, Sarah Pong '13 and Eunice Zhao '13 39

Design of a Culvert Replacement Structure at Depot Road in Williamsburg, MA; science poster session deriving from classwork sponsored by HyGround Engineering with Susannah Howe, director of the design clinic and senior lecturer in engineering

Sanita Dhaubanjari '13, Megan Lonsdale '13 and Claudette Nitard '13 40

Restoration Design for Barros Bog in Bourne, Mass; science poster session deriving from classwork sponsored by

the Natural Resources Conservation Service with Susannah Howe, director of the design clinic and senior lecturer in engineering

Sage Brown '13, Diane Kayitesi '14J, Sicong Ma '13 and Amanda Nadeau '13 41

Design Improvements for a Ceramic Water Filter for Use in Nepal; science poster session deriving from classwork sponsored by IDE Nepal with Susannah Howe, director of the design clinic and senior lecturer in engineering

Catherine Betances '13, Monique Gagne '13 and Rajiha Mehdi '13 42

Inventory of Green Infrastructure Opportunities and Design of Priority Retrofits for Stormwater Management; science poster session deriving from classwork sponsored by Northampton Department of Public Works with Susannah Howe, director of the design clinic and senior lecturer in engineering

Salma Bargach '14 and Natasha Krell '16 43

Green Infrastructure for an Aging Stormwater System; science poster session deriving from special studies with Andrew Guswa, professor of engineering

Julia Signell '14 44

Developing and Evaluating a Monthly Curve Number Method for Predicting Stormflow; science poster session deriving from SURF research with Andrew Guswa, professor of engineering

Brittany Bennett '15 and Alexandra Julius '14 45

Design of Gravity-Fed Irrigation System for MacLeish Field Station; science poster session deriving from special studies with Reid Bertone-Johnson, MacLeish Field Station manager and lecturer in landscape studies

Emily Dixon '15J 46

MacLeish Field Station: Organic Apple Orchard; science poster session deriving from special studies with Reid Bertone-Johnson, MacLeish Field Station manager and lecturer in landscape studies

Laila Phillips '15, Emily Wald '15 and Rebecca Wolfe '15 47

The Mill River Greenway Initiative: Creating GIS Maps for Feasibility Studies; science poster session deriving from STRIDE and AEMES research with Reid Bertone-Johnson, MacLeish Field Station manager and lecturer in landscape studies

Catherine Campbell-Orrock '15, Tam Nguyen '16 and Mara Keledei '16 48

Mill River Greenway Initiative: Mill River Walk Brochure; science poster session deriving from STRIDE and AEMES research with Reid Bertone-Johnson, MacLeish Field Station manager and lecturer in landscape studies

Allison Logan '14 49

Where Are the Resources? A Geospatial Analysis of Income and Access in Holyoke and Northampton; science poster session deriving from special studies with Reid Bertone-Johnson, MacLeish Field Station manager and lecturer in landscape studies

Stefanie Cervantes '13 50

Sustainable Development Plan: The Use of Coastal Zoning in Ambergris Caye, Belize; science poster session deriving from special studies with L. David Smith, professor of biological sciences

Maya Kutz '15 51

Permaculture Design, Maintenance and Culture; science poster session deriving from special studies with Paul Wetzel, environmental monitoring coordinator for the Center for the Environment, Ecological Design and Sustainability and lecturer in environmental science and policy

Christina Goethel '13, Keighley Lane '15 and Emily Peake '13 52

Massachusetts Maple Sugaring in the Age of Climate Change; science poster session deriving from fieldwork with Paul Wetzel, environmental monitoring coordinator for the Center for the Environment, Ecological Design and Sustainability and lecturer in environmental science and policy

Stephanie Acevedo '15, Meredith Gallogly '12 and Rebecca Taylor '16 53

Investigating Forest Floor Communities in Contrasting Hemlock vs. Deciduous Forest Stands at the MacLeish Field Station; science poster session deriving from AEMES research with Jesse Bellemare, assistant professor of biological sciences

Emily Olmsted '14 54

Protecting Pennsylvania: Hydraulic Fracturing in Northeastern Pennsylvania and the Associated Challenges of Wastewater Management; science poster session deriving from special studies with Amy Rhodes, associate professor of geosciences

Theo Sweezy '14 55

Biogeochemistry of Forest Succession Following Logging of Hemlock Trees at the MacLeish Field Station; science poster session deriving from special studies with Amy Rhodes, associate professor of geosciences

Jenna Zukswert '13 56

Comparison of Throughfall Chemistry in a Mature Hemlock Forest and an Early-Successional Deciduous Forest Resulting from Salvage Logging in Whately, Mass.; science poster session deriving from thesis work with Jesse Bellemare, assistant professor of biological sciences, and Amy Rhodes, associate professor of geosciences

Samantha Blanchett '13 57

Nucleation of Garnet; science poster session deriving from thesis work with John Brady, Mary Elizabeth Moses Professor of Geosciences

Sophie D'Arcy '16 and Seulgi Son '16 58

Investigating the Longevity of Earthquake Segments Along the Coast of Northern Chile; science poster session deriving from STRIDE research with John Loveless, assistant professor of geosciences

Sophie Westacott '13 59

Paleoecology of Post-Extinction Silicified Fossil Assemblages of the Lower Triassic Virgin Limestone Member in the Muddy Mountains, Southern Nevada; science poster session deriving from thesis work with Sara Pruss, assistant professor of geosciences

Maggie Sawdy '13 60

Constraining the Record of Late Neoproterozoic Life in the Otavi Group of Northern Namibia; science poster session deriving from thesis work with Sara Pruss, assistant professor of geosciences

Maggie Sawdy '13 and Sophie Westacott '13 61

Age Structure of Cerion Populations in San Salvador, Bahamas; science poster session deriving from classwork done with Sara Pruss, assistant professor of geosciences

Eliana Perlmutter '16 62

Organic Microfossils in Ediacaran Strata of Northern Namibia; science poster session deriving from STRIDE research with Sara Pruss, assistant professor of geosciences

Savannah Lawson '14 63

Geobiology of the Pahrump Group, Death Valley, Calif; science poster session deriving from special studies with Sara Pruss, assistant professor of geosciences

Kiara Gomez '14 64

Mapping the Ooid Distribution at Pigeon Creek Delta, San Salvador, Bahamas; science poster session deriving from special studies with Sara Pruss, assistant professor of geosciences

Viviana Aluia '15, Sabrina Camboulives '13, Nicole Collier '14, Kiara Gomez '14, Savannah Lawson '14, Jennifer Leman '14, Kelsey Moore '15 and Sarah Stephen '15J 65

Investigating Unusual Brown Sand of Sediment-Starved Beaches on the Leeward Coast of the Bahamian Islands; science poster session deriving from classwork with Bosiljka Glumac, professor of geosciences

Viviana Aluia '15, Sabrina Camboulives '13, Nicole Collier '14, Kiara Gomez '14, Savannah Lawson '14, Jennifer Leman '14, Kelsey Moore '15 and Sarah Stephen '15J 66

Comparison Between Laminated vs. Spongiform Texture in Holocene Eolian Carbonate Deposits From Little Exuma Island, Bahamas; science poster session deriving from classwork with Bosiljka Glumac, professor of geosciences

Viviana Aluia '15, Sabrina Camboulives '13, Nicole Collier '14, Kiara Gomez '14, Savannah Lawson '14, Jennifer Leman '14, Kelsey Moore '15 and Sarah Stephen '15J 67

Petrology of Holocene Carbonate Deposits from Exuma Island, Bahamas; science poster session deriving from classwork with Bosiljka Glumac, professor of geosciences

Viviana Aluia '15, Sabrina Camboulives '13, Nicole Collier '14, Kiara Gomez '14, Savannah Lawson '14, Jennifer Leman '14, Kelsey Moore '15 and Sarah Stephen '15J 68

Dynamics of Shallow Marine Deposition and Sediment-Organism Interaction in Times of Warm Climate, High Sea Levels and Increased Storm Activity; science poster session deriving from classwork with Bosiljka Glumac, professor of geosciences

Kelsey Moore '15 69

Decorative Stones of the Smith College Van Buren Collection; science poster session deriving from special studies with Bosiljka Glumac, professor of geosciences

Shawn Moore '13 70

Origin of the River Channel Sands of the Chickaloon Formation From Matanuska Valley, Alaska; science poster session deriving from special studies with Bosiljka Glumac, professor of geosciences

Melody Cao '16, Valeria Coronilla '16, Maria Cristina Del Valle '16, Claire Keller '16, Nashipae Mosiany '16, Karen Yu '16 and Wei Zhang '16 71

Searching for Isotopic Signatures of Hydrologically Closed Jurassic Lakes in Western Massachusetts; science poster session deriving from research with Bosiljka Glumac, professor of geosciences

Jane Ramsey AC 72

Rehabilitation Success of Stranded Cetaceans in the Gulf of Mexico; science poster session deriving from special studies with Paulette Peckol, Louise Harrington Professor of Biological Sciences

Susan Wu '13 73

Olive Ridley Sea Turtle Arribadas in Mexico, Costa Rica, and India; science poster session deriving from special studies with Paulette Peckol, Louise Harrington Professor of Biological Sciences

Karen Gilbert '13 74

Possible Seagrass Fragmentation in Carteret County, N.C.; science poster session deriving from special studies with Paulette Peckol, Louise Harrington Professor of Biological Sciences

Paula Noonan '13 75

Taking Measure of Mustelids: Morphological Diversity; science poster session deriving from thesis work with Virginia Hayssen, professor of biological sciences

Siobhan Prout '15 76

Variation in Mustelid Hind Foot and Tail Length; science poster session deriving from STRIDE research with Virginia Hayssen, professor of biological sciences

Emily Lyons '13 77

Influence of Dominance and Sex Differences on Center/Edge Effect in Mallards; science poster session deriving from special studies with Virginia Hayssen, professor of biological sciences

Jenna Wurster '14 78

"Got That 2:30 Feeling?" Using Circadian Oscillations in the Fight Against Lymphatic Filariasis; science poster session deriving from special studies with Steven Williams, Gates Professor of Biological Sciences

Kyle Boyd '15 79

Effects of Environmental Changes on the Physiology of Native and Invasive Desert Annual Plants; science poster session deriving from special studies with Danielle Ignace, assistant professor of biological sciences

Luvana Chowdhury '13, Faith Donaher '15, Ridwana Fairuz '15 and Susan Haynes 80

Development of the Multiplex DNA Assay; science poster session deriving from special studies with Steven Williams, Gates Professor of Biological Sciences

Iju Shakya '13, Krithika Venkataraman '15 and Asma Amin '15 81

Exploring the Promoter of the *Brugia malayi* Thioredoxin Peroxidase-2 Gene; science poster session deriving from thesis with Steven Williams, Gates Professor of Biological Sciences

Jaclyn Perreault '14J 82

There's No Place Like Host: Temperature as a Cue for Signaling a Host Environment in Pathogenic and Commensal *E. coli*; science poster session deriving from special studies with Christine White-Ziegler, professor of biological sciences

Da Yae Lee '14 and Jeong Min Kwak '14J 83

When Microbes Huddle for Action: Development of Surface-Attached Biofilm Communities in *Escherichia coli* in Response to Temperature Changes in the Environment;

science poster session deriving from special studies with Christine White-Ziegler, professor of biological sciences

Gemma Regan-Mochrie '15 84

It's Getting Hot in Here: Thermoregulation of Motility vs. Biofilm Gene Expression in *E. coli*; science poster session deriving from special studies with Christine White-Ziegler, professor of biological sciences, and Carolyn Dehner, McPherson Postdoctoral Fellow and lecturer in biochemistry

Cait Kirby GS 85

What's Your Orientation?; science poster session deriving from research with Robert Merritt, professor of biological sciences

Defne Abur '14, Maria Alvisi '16, Sophie Bandurski '16, Samantha Danguilan '15, Ria Deshpande '16, Katia George '15, Stephanie Huynh '15, Arcadia Kratkiewicz '16, Meredith Millman '16, Fei Peng '16, Rebecca Ratusnik '16, Rebecca Taylor '16, Victoria Wolf '16, Rebecka Worrell '16 and Nina Wren '16 86
Microscopic Bacteria Assassins (A Real "Phage" Turner): Genomic Analysis of Novel Bacteriophage; science poster session deriving from classwork with Lori Saunders, laboratory instructor in biological sciences, and Melissa Torres, Wilens Fellow in Biological Sciences

Annabel Austin '13 87

The Effects of Estrogen Receptor Antagonists on the Murine Myogenic Proteome; science poster session deriving from thesis work with Stylianos Scordilis, professor of biological sciences

Katharine von Herrmann GS 88

Proteome Profiling of C2C12 Myogenesis; science poster session deriving from thesis work with Stylianos Scordilis, professor of biological sciences

Lidiya Denu '13 89

Astroglial Cells and Commissure Formation in the Forebrain; science poster session deriving from special studies with Michael Barresi, assistant professor of biological sciences

Diane Chen '14, Michelle Deadwyler '14 and Lydia-Rose Kesich '15 90

The Teratogenic Effects of Macondo Crude Oil on Zebrafish Development; science poster session deriving from STRIDE research with Michael Barresi, assistant professor of biological sciences

Abigail Antoine '15, Jin Sook Park '15 and Nina Wren '16 91

Axon Guidance With Slit/Robo Interactions; science poster session deriving from STRIDE research with Michael Barresi, assistant professor of biological sciences

Tanya Husain '16, Tatenda Mahlanza '15 and Carla Velez '13 92

Cellular and Molecular Characterization of Post-Optic Commissure Formation in the Zebrafish Forebrain; science poster session deriving from special studies with Michael Barresi, assistant professor of biological sciences

Risha Sinha '14 and Paula Zaman '13 93

Identifying Specific ZRF (2–4) Protein Targets in the Developing Zebrafish Brain; science poster session deriving from special studies with Michael Barresi, assistant professor of biological sciences, and Kalina Dimova, laboratory instructor in biochemistry

Kelly Zaccheo GS 94

Modeling Zebrafish Spinal Cord Development; science poster session deriving from special studies with Michael Barresi, assistant professor of biological sciences, and Nessay Tania, assistant professor of mathematics and statistics

Madeleine Arthur '15, Sarah Winokur '15, Gillian Anderson '14 and Jacqueline Escobar '15 95

My Mouse Has Too Much Homework! Sex-Specific Differences of the Mouse Amygdala and Stress; science poster session deriving from classwork with Allison Anacker, Eveillard Postdoctoral Fellow and lecturer in neuroscience, and Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Jennifer Christensen AC, Kay Kulason '15 and Abigail Antoine '15 96

More Than a Memory: The Role of the Hippocampus in Novel Object Recognition; science poster session deriving from classwork with Mary Harrington, Tippit Professor in the Life Sciences (Psychology) and Allison Anacker, Eveillard Postdoctoral Fellow and lecturer in neuroscience

Jeong Min Kwak '14J, Janet Ku '14 and Kay Kulason '15 97

Is Jet Lag Stressful?; science poster session deriving from special studies with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Bushra Anis '13 and Gloria Kim '13 98

The Brain Changes Associated With Fatigue; science poster session deriving from thesis work with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Grace McKay-Corkum '14 99

Effects of Interleukin-1 Beta on Sleep in Mice; science poster session deriving from special studies with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Martha Dillon '14 100

Exploration of Hepatocyte Circadian Rhythms; science poster session deriving from special studies with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Mariam Bhuiyan '14, Melissa Chenok '15, Elyssa LaFlamme '15 and Joselyn Quintanilla '15 101

Alcohol and the Pleasure Center (a Mouse's Tale); science poster session deriving from classwork with Allison Anacker, Eveillard Postdoctoral Fellow and lecturer in neuroscience, and Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Jamila Barger '15, Bonnie Hawkins '15 and Amanda MacAvoy '14 102

A Molecular Mechanism for Anesthetic Preconditioning; science poster session deriving from special studies with Adam Hall, associate professor of biological sciences

Sonya Bhatia '13 103

Novel Mechanism for Breast Cancer Progression; science poster session deriving from special studies with Adam Hall, associate professor of biological sciences

Belinda Nhundu '13 and Calliandra Lombard '13 104

Exploring the Neurotoxic Effects of Isoflurane in Neonates; science poster session deriving from thesis work with Adam Hall, associate professor of biological sciences

Luvana Chowdhury '13 105

Modulation of GABA_A Receptor Currents by Stereoisomers of the Novel Anesthetic Compounds 2,6-dimethylcyclohexanol and 2,6-diisopropylcyclohexanol; science poster session deriving from thesis work with Adam Hall, associate professor of biological sciences

Kristen Park '14J and Christine Park '15 106

Mechanism for Direct Transfer of Protein-Coated Probe Into Black Lipid Membrane vs. the Effects of Anesthetics on Amyloid Beta and M2 Pores in Black Lipid Membrane; science poster session deriving from special studies with Adam Hall, associate professor of biological sciences

Kara Reitz '14 107

Seasonal Differences in Corticosterone Levels of Meadow Voles; science poster session deriving from special studies with Annaliese Beery, assistant professor of psychology

Emma Cooke '14 108

Oxytocin Receptors and Developmental Loss of Affiliative Behavior in Hamsters; science poster session deriving from special studies with Annaliese Beery, assistant professor of psychology

Virginia Stoddard-Merriam '15 and Katharine Wilson '15 109

Viewing Children's Personal Drawing and Writing Styles Through Their Biographies; science poster session deriving from STRIDE research with Peter Pufall, Professor Emeritus of Psychology

Anne Regan '12 and Shanila Sattar '12J 110

The Mediation Role of Perfectionism in the Relationship Between Grit and Positive and Negative Psychological Outcomes; science poster session deriving from seminar work, special studies and postbaccalaureate research with Patricia DiBartolo, professor of psychology

Laura Romanowski '14, Julia Sisson '14 and Ashley Nichols '13 111

Psychological Factors and Achievement-Striving Tendencies; science poster session deriving from classwork with Patricia DiBartolo, professor of psychology

Hannah Young '15, Corynn Stoltenberg AC and Antonela Cesar Giordana '14 112

PTSD and Peritraumatic Dissociation Among Sexual Minority College Students; science poster session deriving from special studies with Nnamdi Pole, associate professor of psychology

Jackie Baron '13 and Hannah Kistler '13 113

Teachers Talk About the Mind and Preschoolers' Theory of Mind; science poster session deriving from special studies with Peter de Villiers, Sophia and Austin Smith Professor of Psychology

Joselina Tejada '13 114

Predictive and Concurrent Validity of the Bilingual English-Spanish Oral Assessment; science poster session deriving from thesis work with Peter de Villiers, Sophia and Austin Smith Professor of Psychology

Ellen Harrington '13 115

Second-Order Theory of Mind and Words About Emotion; science poster session deriving from thesis work with Jill de Villiers, professor of philosophy and Sophia and Austin Smith Professor of Psychology

Cindy Chiang '13 116

Acquisition of Passives in Mandarin-Speaking Children; science poster session deriving from thesis work with Jill de Villiers, professor of philosophy and Sophia and Austin Smith Professor of Psychology

Ana Duran '13 and Kathryn Malone '14J 117

Double Trouble? Pregaming and Drinking Games Participation in a Large Multiethnic Sample of College Students; science poster session deriving from special studies with Byron Zamboanga, associate professor of psychology

Kristen DeLancey '15 118

Woolf, Creativity and Madness; science poster session deriving from STRIDE research with Michele Wick, lecturer in psychology

9:30 a.m.–noon Extended Sessions

Archives Concentration Research Capstone Projects

This session of presentations, deriving from classwork with Susan Van Dyne, professor of the study of women and gender, will be held in Seelye 101.

Jeanne Lowrey '14

Neilson of Smith: The Man With 2,000 Daughters

Elizabeth (Bethy) Williams '13

A Major of Our Own: A History of Women's Studies at Smith College

Margaret Barthel '13

Muddying the Waters With Women's Rights: Dorothy Kenyon's Advocacy for a Feminist Agenda at the American Civil Liberties Union

Kayla Ginsburg '13

Lesbianism Is the Lust of All Women, Condensed to the Point of Explosion: The History of the First Lesbian Sex Magazines

Amanda Ferrara '13

Universal, Driving Ambition: *The Bell Jar* at 50

Grace Martin '13

Mountain Day: A History of Tradition

Smithsonian Institution Museum Projects

This session of presentations, deriving from independent research conducted at the Smithsonian Institute with Rosetta Cohen, Sylvia Dlugasch Bauman Professor of Education and Child Study, will be held in Seelye 110.

Elaura Dunning '14

Branding History at the Smithsonian

Dana Elliot '13

The Will to Adorn: Preliminary Design for the Folklife Festival Program Site

Julia Fernandez '14

Working in Film: A Behind-the-Scenes Perspective

Jennifer Guerin '14

Will Your Children Say of You, "No One Can Cook Like Mother"?

Frances Lazare '14

Race, Gender and Identity and the Prints of Elizabeth Catlett

Miriam Mosher '14

“Through the Eyes of Others”: The Aesthetics of Double Consciousness From W.E.B. DuBois’ New Negro Exhibit to the Scurlock Studio

Anna Olkovsky '14

The Father of His Country: Images of Gilbert Stuart’s Washington

Jeanne Lowrey '14

Ethnic Media: Research at the Center for Folklife and Cultural Heritage

Kahn Institute 2012–13 Student Fellows Projects

This session of presentations, to be held in Seelye 312, derives from research conducted by student fellows in the Kahn Institute’s two long-term collaborative research colloquia: *Altering Bodies and Minds*, organized by Nicholas Horton, professor of mathematics and statistics, and Barbara Brehm-Curtis, professor of exercise and sport studies; and *Mothers and Others: Reproduction, Representation and the Body Politic*, organized by Ginetta Candelario, associate professor of sociology and of Latin American Studies, and Naomi Miller, professor of English language and literature.

Jena Andres '13

Mythic Mothers: Contemporary Poetic Spaces of Maternity

Marianne Bullock AC

Storytelling and Strategies of Resistance: Incarcerated Women Organize

Katherine Dymek '14

Madness and Surrealism: An Obsession With Alternative States of Mind

Kaja Katamay AC

Of Two Minds? The “Two Cultures” Debate and Conceptions of Cognition

Camille Kulig '13

Marking the Maternal: Jenny Saville and the Case of the Madonna and Child

Laura Malecky '13

Motherhood and Movement: An Exploration of the Global “Chain of Care” and Discussions Around Sexuality

Rebecca Raymond-Kolker '13

Writing the Mother: Identity and Self-Creation in the Works of Cherrie Moraga

Dana Sherwood AC

Reading Between the Lines: A Critical Analysis of *People* Magazine

10:45 a.m.–noon Concurrent Sessions

New York Literary Circles: The Mainstream and the Margins: Seelye 106

Grace Booth '13

A Beat Portrait of the Self and Society

Presentation deriving from special studies with Michael Thurston, professor of English language and literature

Katherine Bucaccio '13

When It Could Change: Poetic Revision in Kenneth Koch’s “To Marina”

Presentation deriving from special studies with Michael Thurston, professor of English language and literature

Phoenix Mendoza '13

The Baroness: Occupying Space With Sound and Self

Presentation deriving from special studies with Michael Thurston, professor of English language and literature

Alyssa Sweeney '13

The Post-War American Short Story and Its Contexts

Presentation deriving from special studies with Michael Thurston, professor of English language and literature

Emma Whetsell '14

Feeling Work: Metaphor Space in H.D.’s Early Poems

Presentation deriving from special studies with Michael Thurston, professor of English Language and Literature

Mythology and Monsters: Seelye 107

Yu Dong '13

A Monk, a Monkey and a Pig Walk into Heaven: A Comparison of Chinese Mythology with Western Classics

Presentation deriving from special studies with Scott Bradbury, professor of classical languages and literatures

Lydia Drown '13

The Wanderings and Underworld of Aeneas and Odysseus: Similarities in Epic Poetry From Homer to Virgil

Presentation deriving from special studies with Justina Gregory, Sophia Smith Professor of Classical Languages and Literatures

Louise Fudym GS

Tim Burton: Inventor of the Modern Gothic Monster?

Presentation deriving from special studies with Jedediah Berry, lecturer, M.F.A. Program for Poets and Writers at the University of Massachusetts Amherst

Through the Lens of Literature and Film: Seelye 109

Jennifer Kaplan '13

Stories of Confinement: A Literary Analysis of the Psychological Effects of the Landscape Architecture of Internment Camps on Their Japanese-American Internees

Presentation deriving from special studies with Floyd Cheung, associate professor of English Language and Literature

Jaclyn Majewski '13

Sylvia Plath Reads "The Wife of Bath"

Presentation deriving from special studies with Nancy Bradbury, professor of English language and literature, and Karen Kukil, associate curator of special collections

Lily Newton '13

The Other Little Woman: An Examination of May Alcott Nieriker and Women Studying Abroad in the 19th Century

Presentation deriving from special studies with Richard Millington, professor of American studies and of English language and literature

Tess Grogan '14

The Art of Film: A Series of Video Lectures for a New Experimental FLS Course

Presentation deriving from research with Jefferson Hunter, Helen and Laura Shedd Professor of English Language and Literature and of Film Studies

Global Engagement and Leadership: Seelye 201

Hayley Bezubka '14, Erika Marin '13, Natale Novak '13, Rebecca Schilling '14 and Melissa Tandy '13

Learning Through Reflection: How the ePortfolio Process Reveals Strengths and Clarifies Goals

Presentation deriving from ePortfolio Pilot research with Jessica Bacal, director of the Wurtele Center for Work and Life; Stacie Hagenbaugh, director of the Lazarus Center for Career Development; Minh Ly, assistant director for assessment; Sara McGuire, assistant director for leadership development; and Jennifer Walters, dean of religious life

Interpersonal Relationships: Seelye 202

Mohini Banerjee '13

Maintaining Humanity in Dementia: The Value of Interpersonal Exchange

Presentation deriving from thesis with Susan Levin, professor of philosophy

Miriam Froneberger '13 and Hallie Smith '15

Tell Me Where You Live and I'll Tell You Who You Date: Interracial Dating Attributes and Behaviors Among College Students by Region

Presentation deriving from special studies with Byron Zamboanga, associate professor of psychology

Emily Hopkins GS

Academic Coaches in Project Coach: What Are the Best Practices for Tutor/Tutee Relationships to Foster Success for Teen Coaches?

Presentation deriving from special studies with Sam Intrator, professor of education and child study

Angela Chong '13

Birds of an Ethnic Feather Date Together

Presentation deriving from special studies with Byron Zamboanga, associate professor of psychology

Economics: Seelye 206

Haomin Yan '13

Discrepancy in Retirement Planning and Saving

Presentation deriving from special studies with Mahnaz Mahdavi, professor of economics

Linh Dinh '14J

Application of Latent Class Analysis to Investigate the Relationship Between Financial Behaviors, Financial Knowledge and Math Knowledge

Presentation deriving from summer research with Mahnaz Mahdavi, professor of economics, and Nicholas Horton, professor of mathematics and statistics

Jahanara Saeed '13

Does Inequality Matter? The Impact of Inequality on Health Outcomes in Developing Countries

Presentation deriving from classwork with Robert Buchele, professor of economics

Haomin Yan '13

The Impact of the One-Child Policy on Sex Ratio at Birth and Its Consequences in China

Presentation deriving from classwork with Elizabeth Savoca, professor of economics

Methods in Psychology Research: Seelye 208

Shanila Sattar '12J

Self-Objectification and Psychological Outcomes: A Meta-Analysis

Presentation deriving from laboratory work with Benita Jackson, associate professor of psychology

Madeleine Lempereur '12

Social Status and Self-Determination: Field and Experimental Evidence

Presentation deriving from laboratory work with Benita Jackson, associate professor of psychology

Rebecca Muskat '13

Forensic GIS Mapping: America's Missing Children

Presentation deriving from laboratory work with Benita Jackson, associate professor of psychology

American Studies: Seelye 211

Rosalin Happe GS

“Use Well Thy Freedom”: Melancholia and the Dissolution of Family Ties in Jonathan Franzen’s *Freedom*
Presentation deriving from special studies with Lane Hall-Witt, lecturer and director of the American Studies Diploma Program

Mallika Humpbert GS

Media Representations of Gender and Fame in European Soccer
Presentation deriving from special studies with Lane Hall-Witt, lecturer and director of the American Studies Diploma Program

Wang Xingpeng GS

Paper-book Publishing in the Digital Era
Presentation deriving from thesis work with Lane Hall-Witt, lecturer and director of the American Studies Diploma Program

Explorations of Space: Seelye 302

Isabel Lipartito '15

Confirming a High-Redshift Galaxy Cluster
Presentation deriving from special studies with James Lowenthal, professor of astronomy

Sophia Geller '13

Visions of a Mill River Greenway
Presentation deriving from special studies with Reid Bertone-Johnson, MacLeish Field Station manager and lecturer in landscape studies

Seneca Gray '13

Utilizing Public Spaces: A Study of Smith College Benches and Lawns
Presentation deriving from special studies with Reid Bertone-Johnson, MacLeish Field Station manager and lecturer in landscape studies

Kiara Gomez '14 and Gretchen Streett '15

Re-Imagining Paradise Pond
Presentation deriving from classwork with Leslie King, associate professor of sociology

Panamerican Studies: Seelye 308

Miriam Baldwin '13

Beyond the Girl From Ipanema: Modern U.S.-Brazilian Musical Interculturalities
Presentation deriving from special studies with Marguerite Harrison, associate professor of Spanish and Portuguese

Jaclyn Perreault '14J

Urban Development and Disease: An Exploration Into Health Disparities in San Juan, 1900–1904
Presentation deriving from research with Ann Zulawski, Sydenham Clark Parsons Professor of History and of Latin American Studies, and Sharla Alegria, lecturer in sociology

Heidi Grego '13

Women's Health in the Dominican Republic
Presentation deriving from special studies with Carrie Baker, assistant professor of study of women and gender

Neesha Rose '13

Writing Life as Resistance: Gender, Sexuality and Afro-Caribbean Identity
Performance deriving from special studies with Daphne Lamothe, associate professor of Afro-American studies

Asian Studies: Seelye 306

Esther Suh '13

For the Love of the Tiger Mother
Presentation deriving from special studies with Floyd Cheung, associate professor of English language and literature, and Miliann Kang, associate professor of Women, Gender and Sexuality Studies at the University of Massachusetts Amherst

Andrea Kang '13, Minjee Kim '15, Elisabeth Mah '15, Symone Gosby '15, Cecilia Kim '16 and Hannah Jun '16

Archiving Korean Students' Experience(s) at Smith
Presentation deriving from special studies with Jina Kim, assistant professor of East Asian studies

Renee Robillard '13, Emily Mercier '13 and Jaclyn Perreault '14J

Incredible India: Women's Health Education and Issues
Presentation deriving from the Global Learning Seminar with Dr. Leslie Jaffe, college physician and director of Health Services

Intercultural Studies: Seelye 311

Sara Ottomano '15

The Smith JYA Florence Program: A Brief History and the Importance of Maintaining Its Year Length
Presentation deriving from STRIDE research with Giovanna Bellesia, professor of Italian language and literature

Emma Wade '13

Translating Immigration in Italy
Presentation deriving from special studies with Caroline Melly, assistant professor of anthropology

Sierra Brimhall '15J

History in Akhmatova

Presentation deriving from special studies with Serguei Glebov, assistant professor of history

Noon–1:30 p.m. Campuswide Lunch

Chapin Lawn (rain location: Scott Gymnasium)

Open to all students and visitors. Lunch will not be served in campus houses. Music provided by members of the Smith College Jazz Ensemble.

1:30–2:30 p.m. Concurrent Sessions

Women in Oral History: Seelye 107

Sarah Fraas '16

A Moment Revealed: Documenting African-American Women for Reproductive Rights

Presentation deriving from classwork with Kelly Anderson, oral historian of special collections

Katie Mikulka '16

Dieting, Discipline and Disappearing: The Relationship Between Womanhood and Body Image

Presentation deriving from classwork with Kelly Anderson, oral historian of special collections

Emily Reiss '16

Dear Margaret: Correspondences Between Margaret Sanger and Children During the Birth Control Movement

Presentation deriving from classwork with Kelly Anderson, oral historian of special collections

Historical Perspectives: Seelye 109

Emma Weinstein '13

The Festival of Cruelty: Spectacle and Punishment in Nietzsche, Sade and Foucault

Presentation deriving from special studies with Nalini Bhushan, professor of philosophy

Lydia Wilson '15 and Megan Yeo '15

HistoricDress.org: A Student's Perspective on Digital Humanities and Historic Dress

Presentation deriving from a summer internship with Elisa Lanzi, director of the Imaging Center, and Kiki Smith, professor of theatre

Global Engagement and Leadership: Seelye 201

Spencer Brower '13J, Dannia Guzman '14, Jessica Hodder '14, ShuMing Huang '15 and Becca Muskat '13

From ePortfolio to Real Life: How We Learned to Tell Our Own Stories

Presentation deriving from ePortfolio Pilot research with Jessica Bacal, director of the Wurtele Center for Work and Life; Stacie Hagenbaugh, director of the Lazarus Center for Career Development; Minh Ly, assistant director for assessment; Sara McGuire, assistant director for leadership development; and Jennifer Walters, dean of religious life

Identities, Communities and Relationships: Seelye 206

Janelle Olsen AC

The Walking Dead: One Step Forward and One Step Back for an Asian-American Male

Presentation deriving from classwork with Bill Peterson, professor of psychology

Amanda Hernandez '14J and Alice Tan '13

Should I Stay (In) or Should I Go (Out)? Interracial Dating Attitudes and Behaviors Among U.S. College Students

Presentation deriving from special studies with Byron Zamboanga, associate professor of psychology

Jennifer Wachowski '13

Learning Queer Knowledge: A Study of Lesbian Community in Tulsa, Oklahoma

Presentation deriving from thesis work with Jennifer Guglielmo, associate professor of history

Health Through Social Change: Seelye 208

Iesha Townsend '13 and Bo Ram Yoo '13

Healthy Smithie: Using Social Media to Promote Well-Being Among Students

Presentation deriving from classwork in the seminar Society, Psychology and Health with Benita Jackson, associate professor of psychology

Sarah Gregg '13

Look Up Smith: A Campaign for Positivity

Presentation deriving from classwork in the seminar Society, Psychology and Health with Benita Jackson, associate professor of psychology

Yenisleidy Simon AC, Emma Scarpa '13 and Melissa Mutter '13

Oh Comfort Food, How I Miss You! The Reality of Cultural Transitions for Women of Color at Smith

Presentation deriving from classwork in the seminar Society, Psychology and Health with Benita Jackson, associate professor of psychology

Global Health: Seelye 211

Anna Carroll '16 and Dakota Murray '16
Psychology and Climate Change
Presentation deriving from AEMES and STRIDE
collaboration with Michele Wick, lecturer in psychology

Melissa Torres GS
Combating Neglected Tropical Diseases: An Immunoinformatics Approach to Vaccine Design
Presentation deriving from thesis work with Steven Williams, Gates Professor of Biological Sciences

Economics: Seelye 306

Edem Amenuvor '13
Income Inequality, Trust and Inequality Aversion
Presentation deriving from classwork with Robert Buchele, professor of economics

Maisha Huq '13
The Determinants of Job Creation in Developing Countries
Presentation deriving from special studies with Nola Reinhardt, professor of economics

Leah Miller '13
The Reason Behind Incarceration Rates: Crime or Income Inequality?
Presentation deriving from seminar research paper with Robert Buchele, professor of economics

Thealexa Becker '13
The Nordic Model: A Macro Assessment of Nordic Social Welfare Policies on Fertility Rates and Female Labor Force Participation
Presentation deriving from classwork with Elizabeth Savoca, professor of economics

Government: Seelye 308

Claire Ma '13
The Influence of Religion in 20th-Century U.S. Foreign Policy and Global Engagement
Presentation deriving from special studies with Brent Durbin, assistant professor of government

Yaiza Rojas Matas GS
Arabic in the United Nations
Presentation deriving from special studies with Mlada Bukovansky, professor of government

Julia Kim '14J
Oasis, Doraemon and Gangnam Style: The Role of Pop Culture in Nation Branding
Presentation deriving from classwork with Brent Durbin, assistant professor of government

Medicinal Plants: Hoax or Potential Breakthrough in Drug Development for Lymphatic Filariasis: Seelye 313

These presentations derive from special studies conducted with Steven Williams, Gates Professor of Biological Sciences.

Stephanie DeFrank '15, Jenny Jiang '15, Caroline Keroack '14, Kristine Trotta '14, Jessica Wignall '13 and Marika Witkus '14J

**1:30–4 p.m.
Extended Sessions**

Museum Concentration Research Capstone Projects

This session of presentations, deriving from classwork with Jessica Nicoll, director and Louise Ines Doyle 1934 Chief Curator of the Smith College Museum of Art, will be held in Seelye 101.

Naya Bricher '13
Curating “Reflections and Projections: 50 Years”: Contextualizing a Reunion Art Exhibition for the Class of 1963

Emma Curry-Stodder '13
Rites of Passage: Ellis Island, the Lower East Side Tenement Museum and Their Contribution to the Current Immigration Debate

Dana Elliot '13
Opening the Alarmed Door: Exposing and Exhibiting the Work of Museums

Britte Geijer '13
Staring in the Looking Glass: Women Portraying Women and the Role of the Female Artist/Curator

Charlotte Helmer '13
Open the Box: Design for the New Asian Gallery at Smith College

Camille Kulig '13
A Museum with a 21st-Century View: Rethinking Display and Interpretation at the Smith College Museum of Art

Maurine Miller '13
Museums and Technology: Current Practices and the Integration of Social Media at the Smith College Museum of Art

Sabrina Montenegro '13
SCMA Engaged: An Interactive Conversation About the Appeal and Accessibility of Campus Museums

Shama Rahman '13
View From the Other Side: Translating the Western
Museum Model to the United Arab Emirates

Nancy Yerian '13
King in the Community: A Virtual Exhibit for Neighbor-
hood Engagement

**Critical Literacy: Researching Community
Engagement in Holyoke, Mass.**

These presentations, deriving from community-based
research conducted with Ginetta Candelario, associate
professor of sociology and of Latin American studies, will
be held in Seelye 106.

**Arlene Sanchez '13, Noah Brau HC '13, Petey Fear
'14, Rachel Garbus '13, Hanna Lauritzen '15, Nora
Cunningham MH '13 and Caitlin DuBois '13**

Poetry Concentration Research Capstone Projects

This session of presentations deriving from classwork
with Ellen Doré Watson, director of the Poetry Center and
lecturer in English language and literature, will be held in
Seelye 110.

Stephanie Casson '13
Contemporary Asian-American Poetry in Review

Katherine Dymek '14
An Alternate Reality

Liliana Farrell '14
Cutthroat: A Family Photo Album

Jane Kennedy '13
hospitals and haunted houses

Amalie Kwassman '13
Some Other God

Jaclyn Majewski '13
When Children Meet Poetry

Ai-Lien Nguyen '13
U.S. Social Movements and Minority Poets: A Process of
Pedagogy

Janan Scott '13
Home: A Poem Project

Kathryn Shoro '13
Artist Book: “washes”

**How Do You Memorialize the History of a 19th-
Century Insane Asylum? The Northampton State
Hospital Memorial Park**

This session of presentations, deriving from classwork
in a First-Year Seminar with Tom Riddell, lecturer and
professor emeritus of economics, will be held in Seelye
301.

Sarah McDonald '15
Northampton State Hospital: A Timeline

Niamh Sweetnam '16
The 1978 Consent Decree

Viola Castagna '16
The Memorial Park: A Facebook Page and a Blog

Ella Ansell '16
Northampton State Hospital: A Web Site

Kym Garcia '16
Interning at ServiceNet

Elana Brooks '16
The Daffodil Project

Reflecting on Student Communities of Learning

This session of presentations, deriving from special studies
with Jennifer Guglielmo, associate professor of history, will
be held in Seelye 312.

**Scout Sheys '13, Ollie Schwartz '13, Parks Dunlap '13,
Stephanie Greenlaw '13, Kayla Ginsburg '13, Martina
Louis-Juste '10, Sarah McMullen '11, Anne Watanabe
'12 and Sam Belmonte '12J**

**2:45–4 p.m.
Concurrent Sessions**

Seminar in the Sophia Smith Collection: Seelye 107

Elizabeth Breeden '13
The Smith College Relief Unit in World War I France
Presentation deriving from classwork with Jennifer
Guglielmo, associate professor of history

Elizabeth Davis '13
The Fight of the Woman Physician: Elizabeth Blackwell
and Marie Zakrzewska
Presentation deriving from classwork with Jennifer
Guglielmo, associate professor of history

Rachel Dean '13

Just a Foot Soldier: White Smith College Activists Negotiating Their Racial Identity During the Civil Rights Movement

Presentation deriving from classwork with Jennifer Guglielmo, associate professor of history

Elizabeth Rich '13

The Hyde Amendment at 37: A History of the Policy That Divided the Abortion Rights Movement

Presentation deriving from classwork with Jennifer Guglielmo, associate professor of history

Book Studies Concentration: Seelye 109

Chloe Collins '13, Anja Rao '13, Mollie Schwam '13 and Erica Zhang '13

What Did Women Read in 19th-Century America? (30 minutes)

Presentation deriving from the Senior Capstone Book Studies Concentration with Martin Antonetti, lecturer in art and curator of rare books

Global Engagement and Leadership: Seelye 201

Marisa Acierno '13, Sherice Goodwine '13, Mackenzie Green '13, Carole Renard '13 and Yenisleidy Simon AC

Uncovering Global Engagement and Leadership Development Through ePortfolio

Presentation deriving from ePortfolio Pilot research with Jessica Bacal, director of the Wurtele Center for Work and Life; Stacie Hagenbaugh, director of the Lazarus Center for Career Development; Minh Ly, assistant director for assessment; Sara McGuire, assistant director for leadership development; and Jennifer Walters, dean of religious life

Education and Child Study: Seelye 208

Kimberly Borg '14

Alternate Forms of Testing

Presentation deriving from classwork with Carol Berner, lecturer in education and child study

Emma Dwyer '15

The Impact of Standardized Testing on Tracking in Public Schools

Presentation deriving from classwork with Carol Berner, lecturer in education and child study

Elise Parisian '16

Cultural and Social Impacts of Standardized Testing

Presentation deriving from classwork with Carol Berner, lecturer in education and child study

Britain Scott '14

The History and Current Status of Standardized Testing Presentation deriving from classwork with Carol Berner, lecturer in education and child study

Dance: Seelye 211

Kelly Silliman GS

Raising the Dead: Alonzo King LINES Ballet as Proof of Life in Contemporary Ballet

Presentation deriving from classwork toward an M.F.A. in choreography and dance performance with Lester Tomé, assistant professor of dance

Melissa Edwards GS

Badly Behaved Women Are Unsuitable for Love

Presentation deriving from classwork toward an M.F.A. in choreography and dance performance with Lester Tomé, assistant professor of dance

Eliza Larson GS

A Struggle for All: Exploring Gender Equity in Dance Off the Stage

Presentation deriving from classwork toward an M.F.A. in choreography and dance performance with Lester Tomé, assistant professor of dance

Cat Wagner GS

A New Legacy: Wim Vandekeybus' Physical Theatre Perspective

Presentation deriving from classwork toward an M.F.A. in choreography and dance performance with Lester Tomé, assistant professor of dance

Life and the Mind: Seelye 308

Shuyao Kong '13

Escalation of Commitment in the Case of Hindsight Bias

Presentation deriving from thesis work with Fletcher Blanchard, professor of psychology

Josephine Landais GS

“Real or Not Real”: Reality and Fantasy in *The Hunger Games*

Presentation deriving from special studies with Lane Hall-Witt, lecturer and director of the American Studies Diploma Program

Suwen Gong '13, Sean Huang '13 and Elisabeth Mah '15

Asian Stress in the Midwest

Presentation deriving from special studies with Byron Zamboanga, associate professor of psychology

Environmental and World Policy: Seelye 311

Jo Lizhou Wang '13

Why Does the Laojiao, or "Re-education Through Labor," Policy Still Persist in China?

Presentation deriving from an independent research project for the Jean Picker Semester-in-Washington Program with Brent Durbin, assistant professor of government

Rachel McDonald '14J and David Meehan HC '14

New Media for Social Change: The Environment and Corporation

Presentation deriving from special studies with Leslie King, associate professor of sociology

Stephanie Greene '15 and Rosalie Smith '15

Liquid Futures: Sustainable Design in a Globalized Setting
Presentation deriving from classwork with Ann Leone, professor of French studies and of landscape studies; James Middlebrook, assistant professor of art; and Ninette Rothmueller, lecturer in art

Sadie Gold-Shapiro '16

The Root Causes of Homelessness in Ethiopia
Presentation deriving from classwork with Elliot Fratkin, Gwendolen Carter Chair in African Studies and professor of anthropology

Life Sciences and Geosciences: Seelye 313

Jessica Barragan '15, Marisa Kubik '15, Holly Reich '15J and Catherine Tocci '14

Examining the Neural Pathway to Addiction
Presentation deriving from classwork with Mary Harrington, Tippet Professor in the Life Sciences (Psychology) and Allison Anacker, Eveillard Postdoctoral Fellow and lecturer in neuroscience

Joanna Bagienska '15

Genomic Analysis of the Novel Bacteriophage-Fiona Captured on the Smith College Campus
Presentation deriving from special studies with Lori Saunders, laboratory instructor in biological sciences

4:15–5:15 p.m. Collaborations Recital

Sweeney Concert Hall, Sage Hall

An hour of music by Luigi Dallapiccola, Wolfgang Amadeus Mozart, Robert Schumann and Antonio Vivaldi performed by selected music students and faculty together in small ensembles. Coordinated by Judith Gordon, associate professor of music, and Jane Bryden, Iva Dee Hiatt Professor of Music.

Participating Students

Lily Bouvier-Devine '13, cello; Jacquelyn Anna Brissie '15, violin; Emilie Judge-Becker '13, viola; Katie Lipow '14, soprano; Sarah Lodico '13, baroque cello; Celeste Pritchard '14, violin; Julia Shim '14, cello; Yuna Tsuji '15, viola; Kerah Williams '13, violin; and Madeline Zehnder '13, clarinet

Participating Faculty

Judith Gordon, piano; Grant Moss, harpsichord; Joel Pitchon, violin; Kirsten Lipkens, oboe; Ellen Redman, flute

Other Events & Activities

Thursday, April 18

Trafficking Sex: Politics, Policy, Personhood Keynote

A conversation with Gloria Steinem '56, writer, lecturer, editor, and feminist activist; and Ruchira Gupta, sex trafficking abolitionist, journalist and activist.

7 p.m., John M. Greene Hall

Thursday, April 18, and Friday, April 19

Open Campus

Open Campus is an overnight program for all admitted students. Welcome to the expected 800+ students and their parents!

Thursday, April 18, through Saturday, April 20

Leading Ladies Presents: *The 25th Annual Putnam County Spelling Bee*

Smith's student-run musical theatre organization presents their spring musical, *The 25th Annual Putnam County Spelling Bee*. Tickets sold at the door.

8 p.m., Davis Ballroom

Friday, April 19

Trafficking Sex: Politics, Policy, Personhood Panels

A series of panels discussing issues of sex trafficking in a globalized world. The schedule is as follows:

- 11 a.m. Technology, Trafficking and the Law
Ford Hall 240
- 1:45 p.m. Global Trafficking and Human Rights
Weinstein Auditorium, Wright Hall
- 3:30 p.m. Sex Trafficking in the United States
Weinstein Auditorium, Wright Hall
- 5 p.m. Closing Remarks
Weinstein Auditorium, Wright Hall

Earth Week: Green Night

Green Night is the final bash for the weeklong Earth Week celebration hosted by the SGA Sustainability Representatives and CEEDS Interns. This event will include live music and food provided by the Smith and surrounding communities, as well as assorted crafts pertaining to DIY and sustainability.

5–8 pm, Chapin House Lawn

These events on or near Collaborations Day may be of interest.

Weaving Voices Monologues

Smith seniors of color share monologues about their college experience.

9 p.m.—midnight, Campus Center 208

Friday, April 19, and Saturday, April 20

Discovery Weekend

Discovery Weekend is an annual overnight program for admitted women of color. Welcome to the expected 120 students!

Servant of Two Masters by Carlo Goldoni

To what lengths will Beatrice go for love, as she abandons all she has ever known to pursue her lover, Florindo? To what lengths will Arlecchino, her servant, go just to put food on the table? \$8 adult, \$5 students and seniors, \$3 Smith students.

8 p.m., Theatre 14, Mendenhall Center

Saturday, April 20

Tennis vs. Roger Williams

10 a.m., Indoor Track and Tennis Facility

Tennis vs. Salve Regina

Noon, Indoor Track and Tennis Facility

Lacrosse vs. Wellesley

1 p.m., Athletic Fields

Pan African Night

The Smith African and Caribbean Students Association's annual slate of performances, music and presentations showcasing the culture and educating the community about current events in African and Caribbean countries.

8 p.m., John M. Greene Hall

Spring Orchestra Concert

Featuring Bizet's Carmen Suite no. 1, Dvorak's Symphony no. 8 in G Major, and performances by Katie Hoyer '13 and EunMee Hong '14J, winners of the 2012–13 Concerto Competition. Jonathan Hirsh, conductor. Free and open to the public.

8 p.m., Sweeney Concert Hall, Sage Hall



Celebrating Collaborations Venues

- | | |
|-------------------------------|-------------------|
| 1 Campus Center | 5 Ford Hall |
| 2 Chapin Lawn | 6 Sage Hall |
| 3 Smith College Museum of Art | 7 Scott Gymnasium |
| 4 Seelye Hall | 8 Visitor Parking |

Celebrating Collaborations is a project of the Committee on Academic Priorities (CAP).

Committee on Academic Priorities 2012–13

- Marilyn R. Schuster, Provost and Dean of the Faculty, Chair
- Joseph O'Rourke, Associate Provost and Dean for Academic Development
- Maureen Mahoney, Dean of the College
- Robert Buchele, Department of Economics
- Martine Gantrel-Ford, Department of French Studies
- Bill Peterson, Department of Psychology
- Nancy Shumate, Department of Classical Languages and Literatures
- Susan Voss, Picker Engineering Program
- Barbara Kellum, Department of Art, Faculty Council Representative

Celebrating Collaborations Advisory Committee 2012–13

- Fernando Armstrong-Fumero, Department of Anthropology
- Frances Black '14, Student Curriculum Committee
- Emily Coffin '16, Student Curriculum Committee
- Abby Fulton '15, Student Curriculum Committee
- Mercer Gary '15, Student Curriculum Committee
- Kiara Gomez '15, Student Curriculum Committee
- Hannah Green '13, Student Curriculum Committee
- Kaitlin Hackbarth '15, Student Curriculum Committee
- Benita Jackson, Department of Psychology
- Heather McQueen, Clark Science Center
- Kara Noble, Kahn Institute
- Danielle Ramdath, Office of the Provost, Chair
- Elizabeth Rich '13, Student Curriculum Committee
- Taylor Shulte '13, Student Curriculum Committee
- Maris Schwarz '14, Student Curriculum Committee
- Nancy Shumate, Department of Classical Languages and Literatures, Committee on Academic Priorities
- Christina Song '14, Student Curriculum Committee
- Hayley Spizz, Office of the Provost
- Jane Stangl, Class Deans Office
- Erinn Summers '16, Student Curriculum Committee
- Eric Weld, Office of College Relations
- Sarah Yarborough '13, Student Curriculum Committee

Acknowledgments

- This event is made possible through the generous support of the Office of the Provost, the Office of the President and the Office of the Dean of the College.
- Dining Services provided outstanding food and logistical assistance with breakfast and lunch.
- The Smith College Jazz Ensemble provided music during lunch.
- The Office of College Relations provided invaluable assistance with the preparation of the printed and online schedule and publicity.
- The Louise W. and Edmund J. Kahn Liberal Arts Institute provided event coordination and administrative support.
- Facilities Management provided essential support services and logistical assistance.
- Educational Technology Services and their student staff ensured that appropriate equipment and support was available for all presentations.
- Matt Gawron and the Campus Center staff assisted with coordinating the science poster session and ensured that it ran smoothly.
- The Office of Admission provided collaborative efforts to enable this event to be held in conjunction with Discovery Weekend.
- The Development Office made alumnae aware of this event.

Key to Abbreviations

- AC = Ada Comstock Scholar
- AMH = Amherst College
- GS = graduate student
- HC = Hampshire College
- J = graduation in January
- MHC = Mount Holyoke College
- NHS = Northampton High School
- UMass = University of Massachusetts Amherst

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