Celebrating Collaborations

Students and Faculty Working Together
Tenth Anniversary
Saturday, April 16, 2011

Smith College
Celebrating Collaborations:  
Students and Faculty Working Together  
Saturday, April 16, 2011  
8 a.m.–6 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.
8–10:30 a.m.
Morning Refreshments
Campus Center

Costume Studies

This exhibit will be available for viewing outside of the Hallie Flanagan Studio Theatre in the Mendenhall Center for the Performing Arts all day.

Julie Bomba ’11
Shells of Culture: Outerwear and Art of the 20th Century; exhibit deriving from special studies with Catherine Smith, professor of theatre

Dance

There will be several dances performed around campus intermittently throughout the day.

Janice Estrada ’11, Susana Rodriguez ’12, Sarah Lindblom ’11, Drew Wagner ’11, Mika Brinson ’11, Ashley Brickhouse ’11, Caroline Carlisle ’11, Amy Parks ’11, IdaKate Coldington AC ’11 and Phoebe Mayor ’11
Resilient Coalescence: Senior Thesis Collaborations Across Campus; dance performances deriving from thesis choreography projects with Susan Waltner, professor of dance

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

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

Astia Roper-Batker ’11 1
The Expression of Mitogen-Activated Protein Kinases Throughout Murine C2C12 Myogenesis; science poster session deriving from thesis with Stylianos Scordilis, professor of biological sciences

Germaine Yeku Nendah ’11 2
Does a Fever, the Body’s Immune Response, Alter Gene Expression in Escherichia coli?; science poster session deriving from thesis with Christine White-Ziegler, professor of biological sciences

Adeola Awodele ’11 and Iju Shakya ’13 3
Characterization of the Promoter of the Brugia malayi tpx-2 Protein Gene; science poster session deriving from thesis with Steven Williams, Gates Professor of Biological Sciences

Rachael Stein ’12 and Lidiya Denu ’13 4
Characterizing the Neurogenic and Regenerative Functions of Astrologia During Zebrafish Brain Development; science poster session deriving from special studies with Michael Barresi, assistant professor of biological sciences

Kathryn Aloisio ’13 5
Null Models for Northeastern Vegetation Plots; science poster session deriving from special studies with Jesse Bellemare, assistant professor of biological sciences, and Nicholas Horton, associate professor of mathematics and statistics
Lois Bangiolo '11
The Ants Go Marching On: Evidence for the Convergent Evolution of Ant Seed Dispersal in Temperate Forest Plants; science poster session deriving from thesis with Jesse Bellemare, assistant professor of biological sciences

Lois Bangiolo '11 and Jenna Zukswert '13
The Effect of Eastern Hemlock (Tsuga canadensis) on Soil Characteristics; science poster session deriving from classwork with Jesse Bellemare, assistant professor of biological sciences, Katherine Halvorsen, professor of mathematics and statistics, and Pamela Matheson, laboratory instructor in mathematics and statistics

Angela Oliverio '12, Kate Eisen AMH '12 and Linnea Yeazel '13
Seeds on the Moove: Dispersion of Exotic Plant Seeds By Cow, Deer and Bear Scat at the MacLeish Field Station, Whately, Mass.; science poster session deriving from classwork with Jesse Bellemare, assistant professor of biological sciences, Katherine Halvorsen, professor of mathematics and statistics, and Pamela Matheson, laboratory instructor in mathematics and statistics

A. J. Campbell '11 and Sarah Lim '12
Monarchs and Milkweeds: Interspecies Interactions; science poster session deriving from classwork with Jesse Bellemare, assistant professor of biological sciences, and Katherine Halvorsen, professor of mathematics and statistics

Emily Barbour '14 and Katherine Dymek '14
Leave No Plant Behind: Horticultural Insights to the Feasibility of Assisted Colonization; science poster session deriving from STRIDE research with Jesse Bellemare, assistant professor of biological sciences

Rebecca Heath '11, Brook Frye AC and Laura Sheys '13
The Effect of Soil pH on Fern Growth in a Hemlock Forest; science poster session deriving from classwork with Jesse Bellemare, assistant professor of biological sciences, Katherine Halvorsen, professor of mathematics and statistics, and Pamela Matheson, laboratory instructor in mathematics and statistics

La’Kesha Francis '12 and Rebekah Garder AC
Goldenrod Species’ Plant Health May Be Related to Gall Formation; science poster session deriving from classwork with Jesse Bellemare, assistant professor of biological sciences, Katherine Halvorsen, professor of mathematics and statistics, and Pamela Matheson, laboratory instructor in mathematics and statistics

Ella Hartenian '11, Gabriela Kubik '11, and Sara Sirois '11
Edaphic Effects of Eastern Hemlock (Tsuga canadensis); science poster session deriving from classwork with Jesse Bellemare, assistant professor of biological sciences, and Katherine Halvorsen, professor of mathematics and statistics

Ella Hartenian '11
Are Cities Bad for Your Health?; science poster session deriving from thesis with Robert Dorit, associate professor of biological sciences, and Nicholas Horton, associate professor of mathematics and statistics

Sonya Bhatia '13
Changes in Reproduction Patterns and Body Mass in Canidae Over 20 Years; science poster session deriving from STRIDE research with Virginia Hayssen, professor of biological sciences

Lily Maynard '11
Making Sense of Environmental Enrichment: The Behavioral Responses of Captive African Cheetahs (Acinonyx jubatus) to Ecologically Relevant Scents; science poster session deriving from thesis with Virginia Hayssen, professor of biological sciences

Maggie Sawdy '13
Reproduction in Leporidae and Ochotonidae; science poster session deriving from STRIDE research with Virginia Hayssen, professor of biological sciences

Samantha Torquato '11
Sequencing LDH in the Red-Spotted and Rough-Skinned Newts; science poster session deriving from thesis with Robert Merritt, professor of biological sciences, and Laura A. Katz, Elsie Damon Simonds Professor of Biological Sciences

Emily Ulrich '11 and Esther Hong '14
Effects of Deepwater Horizon Crude Oil on Marine Life; science poster session deriving from special studies and STRIDE research with Paulette Peckol, Louise C. Harrington Professor of Biological Sciences

Grace Anderson '12
Marine Ecology and EHS AP Environmental Science: Field Work at Cape Cod, CEEDS Leadership Initiative; science poster session deriving from classwork with Paulette Peckol, Louise C. Harrington Professor of Biological Sciences, Elizabeth Callaghan, teacher, Easthampton High School, and Graham Kent, senior laboratory instructor in biological sciences

Trang Vo '13 and Sarah Tucker '13
Diversity of Stream Invertebrates in the Jimmy Nolan Brook; science poster session deriving from STRIDE research with L. David Smith, professor of biological sciences
Celebrating Collaborations 2011

Sarah Tucker '13 and Olivia Cap '12 22
A Biogeographic Comparison of Claw Strength and Cuticle Thickness in the Invasive Green Crab *Carcinus maenas*; science poster session deriving from SURF and AEMES research with L. David Smith, professor of biological sciences.

Samantha Hinds '12 23
*E. coli* Adapts to Changes in Temperature by Regulating Gene Expression; science poster session deriving from special studies with Christine White-Ziegler, professor of biological sciences.

Pamela Cote GR 24
The Short-Term Adaptation of K-12, Uropathogenic and Enteropathogenic *Escherichia coli* to Human Body Temperature; science poster session deriving from thesis with Christine White-Ziegler, professor of biological sciences, and Steven Williams, Gates Professor of Biological Sciences.

Jiyeon Kim '13 and Da Yae Lee '14 25
Temperature Effects on Gene Expression in *Escherichia coli*; science poster session deriving from STRIDE research with Christine White-Ziegler, professor of biological sciences.

Nina Waldron '11 26
Clinical Research at Baystate Hospital: ROMICAT II, Project Crash, Cough and Infrared Thermography Detection of Soft Tissue Infection; science poster session deriving from special studies with Christine White-Ziegler, professor of biological sciences.

Sonu Shrestha '12 27
What Temperature Ranges Program a Given Thermoregulatory Response in *Escherichia coli* K-12?; science poster session deriving from special studies with Christine White-Ziegler, professor of biological sciences.

Hiba Jamil '11 and Saira Huq '12 28
Detecting Deadly Parasites via One Quick Test; science poster session deriving from special studies with Steven Williams, Gates Professor of Biological Sciences.

Robin Welsh '11 29
Hunting for a Vaccine: Immunoinformatics and the Filarial Parasite *Brugia malayi*; science poster session deriving from thesis with Steven Williams, Gates Professor of Biological Sciences.

Anna Valentine '11 and Lexiaochuan Wen '12 30
Clay-Catalyzed Natural Product Synthesis: Investigation of an Environmentally Friendly Synthesis of Vanillin Using Montmorillonite Clay; science poster session deriving from thesis and special studies with Lâle Burk, senior lecturer in chemistry.

Risha Sinha '14 and Aaline Ahmad '14 31
Analysis of Fluorinated Anesthetics Using Laser Spectroscopy; science poster session deriving from AEMES research with Shizuka Hsieh, associate professor of chemistry.

Joo hyun Park '11 32
Structural Determination of DNA Lesion Via 2-D NMR; science poster session deriving from thesis with Elizabeth Jamieson, associate professor of chemistry.

Carmen Say '11 33
Slimy Chemistry: Analyzing the Effects of Surface Topography and Surface Chemistry on Biofilm Adhesion; science poster session deriving from thesis with Kate Queeney, associate professor of chemistry, and Robert Dorit, associate professor of biological sciences.

Jasmine Wallas '11 34
Determining the Governing Forces in Alginate Adsorption; science poster session deriving from special studies with Kate Queeney, associate professor of chemistry.

Cristina Santarossa '11 35
FTIR in situ Investigation of Biofilm Adsorption; science poster session deriving from thesis with Kate Queeney, associate professor of chemistry.

Keturah Edwards '11, Erena Farah Ousman '11, Meredith Hoddinott '12 and Sarah Rothstein '12 36
Synthesis of Novel Cationic Diels-Alder Dienophile Stabilized by Adjacent Cobalt Complexed Alkynes; science poster session deriving from special studies with Kevin Shea, associate professor of chemistry.

Sarah Perlmutter '11, Catriona Blunt '12 and Aubrey Graham '12 37

Wenxin Cai '12, Colby Loew '13 and Madihah Salim '13 38
Using Liposomes to Characterize the Potential Cation Transport Properties of Cyclic Peptide Dimers; science poster session deriving from special studies with Cristina Suarez, associate professor of chemistry.

Angela Tosca AC '11 39
The Limits of Computation: What Computers Can and Cannot Do; science poster session deriving from thesis with Joseph O’Rourke, Olin Professor of Computer Science.

Yang Li '11 40
Fixing Gaps in Protein Structural Data Using Inverse Kinematics; science poster session deriving from thesis with...
Ileana Streinu, Charles N. Clark Professor of Computer Science

Claire Ma ’13, Sonia Brown ’14, Helen Queenan ’14 and Jane Turner ’13
Beach Creatures in the Linkage Lab; science poster session deriving from STRIDE and AEMES research with Ileana Streinu, Charles N. Clark Professor of Computer Science

Betsy Cowdery GR, Lindsey Gregor ’12 and Aigerim Karabekova ’12
Geo-Tracking Smith; science poster session deriving from special studies and classwork with Dominique Thiébaut, associate professor of computer science

Elizabeth Do ’11
Analytics and Art; science poster session deriving from thesis with Dominique Thiébaut, associate professor of computer science, and Eitan Mendelowitz, assistant professor of computer science

Lindsay Holle ’11
The Implications of Emerging Energy Policies on the New York State Electric Power Grid; science poster session deriving from thesis with Judith Cardell, Clare Boothe Luce Associate Professor of Computer Engineering

Caitlin Spence ’11
Investigating Throughfall Spatial Variability at the MacLeish Field Station; science poster session deriving from thesis with Andrew Guswa, associate professor of engineering

Sage Brown ’13 and Sarah Pedicini ’11
Documenting Design Through Sketching; science poster session deriving from special studies with Susannah Howe, director of the Design Clinic and lecturer in engineering

Taylor Beall ’13, Zachary Clemente HC ’12, Phoebe DeGroot ’13, Elizabeth Donovan ’13, Diana Fiumefreddo ’11, Lara Hamsher ’12, Anastasia Karaisosigou MHC ’12, Linda Son ’13, Yamin Tun ’14 and Ruby Zucker ’12
Applied Design and Prototyping in IDP 250; science poster session deriving from classwork with Susannah Howe, director of the Design Clinic and lecturer in engineering, and Eric Jensen, manager of the Center for Design and Fabrication

Chelsea Andrews ’11 and Iris González ’11
Design of an Automated, Rapid Tissue Processing System; science poster session deriving from classwork in Engineering Design Clinic sponsored by Energy Beam Sciences with Susannah Howe, director of the Design Clinic and lecturer in engineering, and collaborators at the University of Connecticut

Leah Flake ’11, Amna Sarfraz ’11 and Caitlin Spence ’11
System Designed to Integrate Earth Science Data and Forestry Models for Improved Ecosystem and Carbon Management; science poster session deriving from classwork in Engineering Design Clinic sponsored by NASA Goddard Space Flight Center with Susannah Howe, director of the Design Clinic and lecturer in engineering, and Donna Riley, associate professor of engineering

Elizabeth Isenstein ’11, Salma Mehter ’11 and Madeleine Smith ’11
Design of a Stormwater Runoff Treatment System and Development of a Stormwater Treatment Guide; science poster session deriving from classwork in Engineering Design Clinic sponsored by the Natural Resources Conservation Service with Susannah Howe, director of the Design Clinic and lecturer in engineering, and Cloelle Sausville-Giddings, lecturer in engineering

Darcy Dwyer ’11 and Lindsay Holle ’11
Evaluation and Design for Renewable Energy at the Northampton Landfill; science poster session deriving from classwork in Engineering Design Clinic sponsored by the Northampton Department of Public Works with Susannah Howe, director of the Design Clinic and lecturer in engineering, and Cloelle Sausville-Giddings, lecturer in engineering

Katherine MacKenzie ’11, Courtney Murphy ’11, Sarah Pedicini ’11 and Salomé Stulberg ’11
Design and Development of a Submersible, Autonomous, Rn-222 Survey System; science poster session deriving from classwork in Engineering Design Clinic sponsored by the Woods Hole Oceanographic Institute with Susannah Howe, director of the Design Clinic and lecturer in engineering, and Donna Riley, associate professor of engineering

Jayna Shea ’12 and Mary Clark McGrath ’13
The Effect of Myostatin Deficiency on Murine Tendon Material Behavior; science poster session deriving from summer research and special studies with Borjana Mikic, Rosemary Bradford Hewlett 1940 Professor (Engineering)

Heidi Waugh ’12J and Sophie Mettler-Grove ’13
Gendered Boundaries in the Discipline of Engineering; science poster session deriving from special studies with Donna Riley, associate professor of engineering

Victoria Henry ’13J and Genevieve de Mijolla ’13
Engineering for Education: A Library for Teenage Mothers in Peru; science poster session deriving from special studies with Paul Voss, assistant professor of engineering
Sarah Weber ’13 56
Optimizing Flight With a Variable Pitch Propeller; science poster session deriving from special studies with Paul Voss, assistant professor of engineering

Marie Wallace ’11, Emily Ulrich ’11, Lily Maynard ’11 and Caitlin Kennedy ’11 57
Coral Reef Ed-Ventures; science poster session deriving from summer program with H. Allen Curran, William R. Kenan Jr. Professor Emeritus of Geosciences, Susan Etheredge, professor in education and child study, and Paulette Peckol, Louise C. Harrington Professor of Biological Sciences

Christina Goethel ’13 58
Walrus: An Indicator Species of a Changing Arctic Environment; science poster session deriving from STRIDE research with Thomas Litwin, director of the Clark Science Center and adjunct associate professor of biological sciences

Kelsea Thornton ’11 59
Geochemical Groundwater Analysis of Horizontal Hydraulic Fracturing in the Marcellus Shale Bed—Fiddle Lake, Penn.; science poster session deriving from special studies with Amy Rhodes, associate professor of geosciences

Sarah Hussain ’13, Abby Dornbusch ’13 and Laurel Bryggman ’13 60
Effects of Snow Disposal on Aquatic Ecosystems: Case Study of the Mill River in Northampton, Mass.; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Caron Dewey AC 61
Correlation of Stream Order and Invasive Species Distribution Mapping of Polygonatum sp. Along the Mill River; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Victoria Helms ’12 62
Invading Mount Tom: The Correlation Between the Hemlock Woolly Adelgid and Elevation; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Hannah Hurvitt ’13, Rosa Goldman ’12 and Emily Peake ’13 63
We Eat Wheat: An Examination of the Energy and Resources Used in Wheat Production; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Elizabeth Esposito ’13 64
Going Native: Strategies for Naturalizing Green Space on the Smith College Campus; science poster session deriving from work with Michael Vorwerk, lecturer in environmental science and policy

Anna Mokros ’13 65
Crude Oil and Vinegar: The Energy Consumption Behind Your Salad; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Sophie Mettler-Grove ’13 66
Environmental Effects of Meat Production; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Estefania Cervantes ’13 67
Population Growth and the Effects on Clean Water; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Christina Goethel ’13 and Margaret Snelgrove ’13 68
The Effects of the Deepwater Horizon Oil Spill on Oxygen Dynamics; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Meghan Smith ’12 69
Heating Our Dorms in Winter: The Effect of Personal Heat Manipulation; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Elizabeth Isenstein ’11 70
A Multivariable Model Correlating Stormwater Contamination and Land Use; science poster session deriving from classwork with Michael Vorwerk, lecturer in environmental science and policy

Kaitlin Okamoto GR 71
Positive Youth Development Through Coaching: Achieving Positive Experiences and Happiness; science poster session deriving from thesis with Donald Siegel, professor of exercise and sport studies, and Samuel Intrator, professor of education and child study

Anna Baeth GR 72
The Voice Behind the Whistle: Storytelling in Coaching; science poster session deriving from thesis with Jane Stangl, lecturer in exercise and sport studies

Jennifer Axler ’11 73
Forming Giant Garnets; science poster session deriving from thesis with John Brady, Mary Elizabeth Moses Professor of Geosciences

Jennifer Axler ’11, Naomi Barshi ’12, Sara Gonzalez ’12 and Alianora Walker ’11 74
Shallow Geophysical Exploration South of Northampton Sanitary Landfill; science poster session deriving from classwork with H. Robert Burger, Achilles Professor of Geosciences
Lily Seidman ’11  75
Origin of the Enigmatic Breccia and Folds in the Turners Falls Formation in Western Massachusetts; science poster session deriving from thesis with H. Robert Burger, Achilles Professor of Geosciences

Sarah Brisson ’14  76
Making Cracks and Chips in Mud-Free Sand and Glass Beads; science poster session deriving from STRIDE research with Bosiljka Glumac, associate professor of geosciences

Naomi Barshi ’12  77
Shifting Sands: Storm Impacts on Plum Island, Massachusetts; science poster session deriving from special studies with Robert Newton, professor of geosciences

Monica Rolls ’12  78
Drilling Predation Rates at Duck Creek Branch, Cape Cod, Massachusetts; science poster session deriving from classwork with Sara Pruss, assistant professor of geosciences

Katie Castagno ’12  79
Geochemical Analysis of the Cambro-Ordovician Cow Head Group Carbonates in Western Newfoundland; science poster session deriving from special studies with Sara Pruss, assistant professor of geosciences

Lilly Dalton ’12  80
A Microfossil Assemblage From Post-Sturtian Cap Carbonates of the Rasthof Formation, Northern Namibia; science poster session deriving from special studies and AEMES research with Sara Pruss, assistant professor of geosciences

Ellen Maley ’11  81
Characterizing Trace Metal Concentrations in Surface Soils, Boulder County, Colorado; science poster session deriving from thesis with Amy Rhodes, associate professor of geosciences

Kassia Rudd ’11  82
Developing a Method for Chroncling Historic Landscape Change: A Case Study of the Mill River Watershed; science poster session deriving from special studies with Reid Bertone-Johnson, lecturer in landscape studies

Belen Cruz ’14, Caitlin Hunter ’13, and Joo Yeon Shin ’13  83
Back to the Future: Reconstructing Plant Meristem Patterns; science poster session deriving from STRIDE, AEMES, and student research with Christophe Golé, professor of mathematics and statistics, and Denise Lello, lecturer in biological sciences

Peace Young ’12, Xizhu Zhao ’12 and Kasama Euchukananonchui ’12  84
Case Study: 2010 BP Oil Spill; science poster session deriving from classwork with Nicholas Horton, associate professor of mathematics and statistics

Ma Thida ’11  85
Brain Signal (MEG) Analysis Using Statistical Tools; science poster session deriving from summer research with Nicholas Horton, associate professor of mathematics and statistics

Huong Giang Nguyen ’13, Linh Dinh ’13 and Wenye Yang ’12  86
Novel Method of Analysis for DPOAE Magnitude and Phase; science poster session deriving from special studies with Nicholas Horton, associate professor of mathematics and statistics

Brittany Edens ’13  87
Distinct Mechanism of Slit-Robo Attraction and Repulsion Mediate the Guidance of Astroglial Cells and Commissural Axons in Zebrasing diencephalos; science poster session deriving from AEMES research with Michael Barresi, assistant professor of biological sciences

Shikha Goel ’11, Harrison Hunter NHS, Anjana Rao ’13 and Luvana Chowdhury ’13  88
GABAA Receptor Modulation by Endozepines: A Patch-Clamp Electrophysiological Study; science poster session deriving from thesis with Adam Hall, associate professor of biological sciences

Alexis Ziemba ’12 and Emily Flynn ’14  89
Investigation of the Molecular Mechanism of Anesthetic Preconditioning in Microglia; science poster session deriving from special studies and STRIDE research with Adam Hall, associate professor of biological sciences, and Scott Edmands, postdoctoral research instructor in biological sciences

Belinda Nhundu ’13 and Hajnalka Nyitrai ’11J  90
Volatile Anesthetic Sevoflurane Affects Morphology of Murine Cortical Neurons In Vivo Inducing Neurite Retraction; science poster session deriving from special studies with Adam Hall, associate professor of biological sciences

Christina Johns ’12, Hope Wilson ’13, Rachael Gainer ’13, Grace McKay-Corkum ’14 and Lisa Friedman ’14J  91
The Effects of Anxiety and Stress on Learning and Memory in Mice; science poster session deriving from classwork with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)
Awa Ndiaye '11, Bushra Anis '13 and Haja Fofana '11

Chronic Interleukin 1-B: An Animal Model of Chronic Fatigue; science poster session deriving from special studies with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Anjana Rao '13, Bokang Rabasha '13, Bushra Anis '13, Sophia Demuynck '13 and Sophia Gambuto '13

The Barrel Cortex of the Mouse; science poster session deriving from classwork with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Mallery Olsen '11

Is Jet Lag Stressful? The Relationships Between Circadian Disruption and the Stress Response; science poster session deriving from thesis with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Bryce Bludevich '11 and Katharine Wright '12

Genotyping of Per1-Venus Transgenic Mice as a Gene Reporter of Period 1; science poster session deriving from special studies with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Kayla Correia '11 and Gloria Kim '13

Jet Lag-Induced Internal Desynchronization Is Associated With Deficits in Adult Neurogenesis in Mouse Hippocampus; science poster session deriving from thesis with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Saira Huq '12, Gloria Kim '13, Alyssa Bobe AC, Abigail McElroy '13 and Emma Cooke '14

Stress and Motor Control; science poster session deriving from classwork with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Insung Song '11

Effect of Age on Circadian Rhythm; science poster session deriving from special studies with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Martha Luitje AC

Gap Junctions and Circadian Coupling in the Liver; science poster session deriving from thesis with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Vanessa Raditz '12, Luvana Chowdhury '13, Fleurette Joseph '12, Evelina Federyuk '13 and Elizabeth Zampino '13

The Effect of Multiple Light Advances on Anxiety and Learning in Male and Female BALB/cJ Mice; science poster session deriving from classwork with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Laura Leung '14

A Century of Physics at Smith College; science poster session deriving from AEMES research with Malgorzata Pfabé, Sophia Smith Professor of Physics

Emily Starr-Phillips AC '12

Effects of Naturally-Occurring Variations in Early-Life Maternal Care on Adult Behavior, Anxiety and Health; science poster session deriving from special studies with Annaliese Beery, assistant professor of psychology

Danielle Kim '11

Self-Stereotyping in Educational Environments: The Effects of Academic Labeling and Group Entitativity on Student Achievement; science poster session deriving from thesis with Fletcher Blanchard, professor of psychology

Catherine Dodson '11

Examining the Cognitive and Social Responses to Intergroup Attack; science poster session deriving from thesis with Fletcher Blanchard, professor of psychology

Emily Shawruss '11, Carina Ahuja '12, Hannah Kistler '13 and Meg Collins '14

“What Do You Think About That?”: The Impact of Mother's Vocabulary on Child’s Language Development; science poster session deriving from STRIDE research and NIH research grant with Jill de Villiers, professor of philosophy and Sophia and Austin Smith Professor of Psychology, and Peter de Villiers, Sophia and Austin Smith Professor of Psychology

Alyssa Shaw '13, Margaret Kilkelly '12, Jackie Baron '13 and Liza Rosenfield '12

Speak Your Mind: The Relationship Between Teachers’ Language and Preschoolers’ Linguistic, Cognitive and Social Development; science poster session deriving from STRIDE research and NIH research grant with Peter de Villiers, Sophia and Austin Smith Professor of Psychology, and Jill de Villiers, professor of philosophy and Sophia and Austin Smith Professor of Psychology

Zella Henderson '14

Does Language Need Thought?: Insights From Eyetracking; science poster session deriving from STRIDE research with Jill de Villiers, professor of philosophy and Sophia and Austin Smith Professor of Psychology

Ellen Harrington '13, Elizabeth Gadilauskas '12 and Sarah Kay '13

Storybooks Reveal Early Language Understanding; science poster session deriving from STRIDE research with Jill de Villiers, professor of philosophy and Sophia and Austin Smith Professor of Psychology
Ann Nordmeyer ’11
To Be or Not To Be: Examining the Role of Language in a Concept of Negation; science poster session deriving from thesis with Jill de Villiers, professor of philosophy and Sophia and Austin Smith Professor of Psychology

Cora Picone ’11
Language and Literacy in Low-Income African American and White Children: The School Readiness Research Consortium Project; science poster session deriving from thesis with Peter de Villiers, Sophia and Austin Smith Professor of Psychology

Caitlin Carr ’11
Who, What, Where, When, Why? And How. The Use of Language Software to Improve Deaf Students’ Language Acquisition; science poster session deriving from special studies with Peter de Villiers, Sophia and Austin Smith Professor of Psychology

Christina Cheung ’11, Rosie Alig ’14 and Vanessa Raditz ’12
Problems with Non-Literal Language in Children and Adolescents With Autism and Asperger Syndrome; science poster session deriving from STRIDE research and NIH research grant with Peter de Villiers, Sophia and Austin Smith Professor of Psychology

Markeisha Grant ’11
Language and Literacy in Bilingual Hispanic Children: The School Readiness Research Consortium Project; science poster session deriving from thesis with Peter de Villiers, Sophia and Austin Smith Professor of Psychology

Julie Colatrelle ’12, Afton Hencky ’11, Elizabeth Mincer ’13 and Olivia D’Angelo ’11
Validating a New Measure of Feminist Consciousness; science poster session deriving from classwork with Lauren Duncan, associate professor of psychology

Catherine Dodson ’11, Sarah Dunn ’11, Kelsey Hoffman ’12 and Ilana Teitelman ’12
Defining Feminist Consciousness: Validating a New Measure; science poster session deriving from classwork with Lauren Duncan, associate professor of psychology

Veselina Hristova ’11
Perfectionism and Obsessive-Compulsive Symptoms; science poster session deriving from classwork with Randy Frost, Harold Edward Israel and Elsa Siipola Professor of Psychology

Katherine Russell ’11 and Nicole Leyva AC
The Effects of a Forced Schedule on Circadian Rhythms: An Animal Model; science poster session deriving from classwork with Mary Harrington, Tippit Professor in the Life Sciences (Psychology)

Lena Zairis ’12
Therapeutic Farming: An Alternative Approach to the Recovery Process; science poster session deriving from special studies with Beth Powell, lecturer in psychology

Christina Nelson ’14 and Emma Coleman ’14
Personal Drawing Style: A Longitudinal Study of Artistic Stability, Variation and Resourcefulness in Children’s Drawings; science poster session deriving from STRIDE research with Peter Pufall, professor emeritus of psychology

Kelsey Swensen ’13
The Interactive Family Tree: An Exploration of Hereditary Patterns of Mental Illness in Virginia Woolf’s Family; science poster session deriving from STRIDE research with Michele Wick, lecturer in psychology

9:30 a.m.–noon 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 110.

Stefania Gawron ’11
Making History Public: LGBT Activism at Smith and Nationally

Olivia Mandica-Hart ’11
Coming Out: Unearthing Queer Histories From Smith’s Archives

Allison Pilatsky ’12
Taking the Archives Public: Feminist Theology Materials in the Classroom

Joanna Johnson ’12
A Silent Man No More: Bringing Calvin Coolidge Out of Northampton’s Archives

Anna Eisen ’11
Niche Narratives: Student Life at Smith Through Scrapbooks

Gwen Gethner ’11
The Ladies of Grécourt: Smith and the First World War
Alix Korn ’11
Body to Body: A Selected Archive of MFA Dance History at Smith

Lori E. Harris AC ’11
Maintaining a Culture of Liberal Conservatism: The 1970 Smith Student Strike!

Hilary Buxton ’11
Revealing the Obscure in American Journalism: Women War Correspondents and the German Fraternization Problem

Kayla Ginsburg ’13 and Margaret Barthel ’13
Lost in the Archives: A Two-Year Adventure

Olivia Mandica-Hart ’11 and Amanda Lineweber ’11
“This Revolution Has Been Archived”: The Creation of a Queer Archival Exhibit

10:45 a.m.–noon
Concurrent Sessions

Museums Concentration Research Capstone Projects

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

Hannah Pitt ’11
The Revitalization of Museums: Exploring How the Art of Americas Wing at the Museum of Fine Arts Boston Reconstructs Museum Traditions and the Visitor Experience

Ashley Knowles ’11
An Even Larger Noise: The Quest for Relevancy, Heritage and Participation at the Pompey Museum of the Bahamas

Hannah M. Griggs ’11
Creating Adult Programming for Underserved Audiences: Soldier ON at SCMA to Enrich Community Outreach and Smith Student Engagement

Celidh C. Galloway-Kane ’11
Experiencing Plants Through Art: An Investigation of the Importance of Early Childhood Art Education and Alternative Interdisciplinary Teaching Methods

Rosaura Sofia Sanchez ’12J
Teaching Visual Literacies in Museum and Commercial Spheres

Theatre and Computer Science

Mia Terkowitz ’11, Alexandra Futty HC, Samuel Blake Congdon HC, Kellye Rowland AC, Emma Jimerson ’13J, Meaghan Lydon ’12, Emily West ’12J, Amy Yun ’11, Samia Moussa ’11 and Amy Yee ’11
Hang Gliding
Seelye 107; theatrical performance deriving from special studies with Leonard Berkman, Anne Hesselhine Hoyt Professor of Theatre

Katherine Starer ’11 and Aliyah Bilal Gore ’11
The Socially Interactive Garment
Seelye 107; video and garment presentation deriving from special study and thesis with Catherine Smith, professor of theatre, and Eitan Mendelowitz, assistant professor of computer science

English and Comparative Literature

Cornelia Beckett ’14
Spark of Wit
Seelye 109; paper presentation deriving from work with Robert Hosmer, senior lecturer in English language and literature

Elyse Martin ’11
“Citizen, My Mother Is the Republic”: Gendered Notions of Heroism in 19th-Century Novels About the French Revolution
Seelye 109; paper presentation deriving from thesis with Elizabeth Harries, Helen and Laura Shedd Professor Emerita of Modern Languages (English and Comparative Literature)

Erica Zhang ’13
Found in Translation: Editing the Metamorphoses Journal
Seelye 109; PowerPoint presentation deriving from STRIDE research with Thalia Pandiri, professor of classics

Jaime Estrada ’12
Power Dynamics Within Intimate Relationships: Patriarchy, Feminism and Same-Sex Love in Taiwanese Short Fiction
Seelye 109; paper presentation deriving from classwork with Sabina Knight, associate professor of Chinese and comparative literature

First-Year Seminar: Rebellious Women

Nadia Belkin ’14, Helena Hassen ’14, Rebecca Holtz ’14 and Kathryn (Petey) Fear ’14
Rebellious Women in the Archives
Seelye 206; panel presentation deriving from classwork with Kelly Anderson, lecturer in the study of women and gender
Celebrating Collaborations 2011

**Education and American Studies**

Marie Wallace ’11

**Igniting the Fire: What Schools Are Lacking That After-School Programs Are Offering**

Seelye 208; PowerPoint presentation deriving from thesis with Samuel Intrator, professor of education and child study

Kathleen Daly AC11J

**The Mentoring Ada: Three Portraits of Remarkable Ada Comstock Scholars in Education**

Seelye 208; paper presentation deriving from special studies with Rosetta Cohen, Sylvia Dlugasch Bauman Professor (Education and Child Study)

Ariella Frishberg ’12

**Teaching About Rape Culture in High School Curriculums**

Seelye 208; paper presentation deriving from special studies with Rosetta Cohen, Sylvia Dlugasch Bauman Professor (Education and Child Study)

Kimberly Probolus ’11

**Motivation, Meritocracy and the Model Minority Myth: Representations of Asian-Americans in Spelling Bees**

Seelye 208; paper presentation deriving from thesis with Floyd Cheung, associate professor of English language and literature

**Economics**

Veronica Tjioe ’11

**The Effects of Parental Education on College Performance**

Seelye 211; paper presentation deriving from classwork with Roger Kaufman, professor of economics

Sara Gardephe ’11

**The Determinants of Matriculation at Smith College**

Seelye 211; paper presentation deriving from classwork with Roger Kaufman, professor of economics

Lily Du ’11

**The Effects of SAT Scores on College Admissions Officers’ Ratings of Applicants at an SAT-Optional College**

Seelye 211; PowerPoint presentation deriving from classwork with Roger Kaufman, professor of economics

Candy Lee ’11

**The Effects of Making SAT Scores Optional at Smith College**

Seelye 211; PowerPoint presentation deriving from classwork with Roger Kaufman, professor of economics

Margaret Nyamumbo ’11

**Effect of Alternative Weightings on U.S. News Rankings**

Seelye 211; PowerPoint presentation deriving from classwork with Roger Kaufman, professor of economics

Sheona Sauna ’13 and Zoe Zaferiou ’13

**Mapping Paris through Space and Time**

Seelye 306; PowerPoint presentation deriving from STRIDE research with Hélène Visentin, associate professor of French studies

**Study of Women and Gender and Center for Community Collaboration**

Elizabeth Mincer ’13 and Annum Khan ’11

**Honor Crimes: Current Law and Policy Affecting Women Around the World**

Seelye 301; poster presentation deriving from STRIDE research, special studies, and Mellon summer research grant with Elisabeth Armstrong, associate professor of the study of women and gender

Ilana Alazeh ’11

**Food and Faith**

Seelye 301; PowerPoint presentation deriving from classwork with Elisabeth Armstrong, associate professor of the study of women and gender

Allison Langley ’13 and Erin Kassis UMass

**Turning Brownfields Into Greenfields: Combating Food Insecurity Through Urban Agriculture**

Seelye 301; panel presentation deriving from classwork with Elisabeth Armstrong, associate professor of the study of women and gender

**Religion**

Hunter King ’13J

**Feminism and the Jewish Renewal Movement**

Seelye 302; paper presentation deriving from classwork with Lois Dubin, professor of religion

Lucy White ’11

**Wife, Seductress and Goddess: Women and Wisdom Literature of the Hebrew Bible**

Seelye 302; paper presentation deriving from classwork with Lois Dubin, professor of religion

Natalie Carroll Sargent ’12


Seelye 302; PowerPoint presentation deriving from Mellon grant research with Carol Zaleski, Professor of World Religions (Religion)

Megan Kearney ’11

**The Unseen World: Newman, Wordsworth, Coleridge and the Romanticism of “The Vision Which Haunted Me”**

Seelye 302; paper presentation deriving from special studies with Carol Zaleski, Professor of World Religions (Religion)

**French and Italian Studies**

Sheona Sauna ’13 and Zoe Zaferiou ’13

**Mapping Paris through Space and Time**

Seelye 306; PowerPoint presentation deriving from STRIDE research with Hélène Visentin, associate professor of French studies
Chrysanthe Peteros ’11, Christine Davenport ’11 and Julia Simmons ’11 ●
Italian Transformations: An Examination of Culture Through Politics, Artistic Form and Language
Seelye 306; panel presentation deriving from theses with Alfonso Procaccini, professor of Italian language and literature, and Anna Botta, professor of Italian language and literature and of comparative literature

International Topics in Corruption: Part I
Jade Bowden ’11, Sarah Unbehaun ’11 and Malika Hunasikatti ’11 ●
International Topics in Corruption: Italy, Brazil, Thailand
Seelye 308; panel presentation deriving from classwork with Mlada Bukovansky, associate professor of government

Russian Studies
Katey Maya Dare Pillars ’11 ●
Pedagogy, Poetry, Particularity: The Tenishev School in Late Imperial Russia
Seelye 311; PowerPoint presentation deriving from thesis with Sergey Glebov, Five College assistant professor of Russian history

Ruth Spurlock ’11 ●
Revolutionary Figures: Alexander Blok and Federico García Lorca
Seelye 311; paper presentation deriving from special studies with Maria Banerjee, professor of Russian language and literature

Lauren Young ’12 ●
Father, Friend, Tsar: The Popular Legacy of Nicholas II
Seelye 311; paper presentation deriving from special studies with Alexander Woronzoff-Dashkoff, professor of Russian language and literature

Poetry, Film and Computer Science
Lauren Egbert ’11 and Hayley Raetz ’12
Words Edge: Poetry by Lauren Egbert ’11 and Hayley Raetz ’12
Seelye 312; poetry reading deriving from special studies with Ann Boutelle, Grace Hazard Conkling Writer-in-Residence

Emily Sternlicht ’11 ●
Two Sides of the Spectrum: A Comparative Study of Activist Documentary Cinemas
Seelye 312; paper presentation deriving from special studies with Bernadine Mellis, Five College visiting artist in film studies, and Alexandra Keller, associate professor of film studies

Shanila Sattar ’12J
Chaos and Emergence
Seelye 312; video presentation deriving from special studies with Judy Franklin, associate professor of computer science

Mathematics, Engineering and Chemistry
Betsy Cowdery GR, Allison Reed-Harris GR and Jayna Resman GR
The Geometry and Dynamics of an Ecological Arms Race
Seelye 313; PowerPoint presentation deriving from classwork with Christophe Golé, professor of mathematics and statistics

Jayna Resman GR
The Mathematics of Climate Change: An Ice-Albedo Feedback Model
Seelye 313; PowerPoint presentation deriving from classwork with Christophe Golé, professor of mathematics and statistics

Peace Young ’12, Xizhu Zhao ’12, Megan Lonsdale ’13 and Rajiha Mehdi ’13
Design and Fabrication of the Cargo Cycle
Seelye 313; PowerPoint presentation deriving from Engineers for a Sustainable World and Vehicle Design Summit with Denise McKahn, assistant professor of engineering

Amelia Evans ’11
Controlling Nanotopography and Surface Functionalization of Silicon Surfaces
Seelye 313; PowerPoint presentation deriving from thesis with Kate Queeney, associate professor of chemistry

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

Dance

Genevieve Nave ’11
Athletic Performance
Rugby Pitch; dance performance deriving from classwork with Candice Salyers, lecturer in dance

Museums Concentration Research Capstone Projects

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

Jessica Watson ’11
Soundscapes at the Smith College Museum of Art: Bringing Music and Art Together in the Galleries

Rebecca-Emma Kaplan ’11
Rework/Revamp: Updating the Storage System of the Smith College Historic Dress Collection

Amber Sinicrope ’12
Issues of Provenance in Collecting Pre-Columbian Artifacts: A Smith College Museum of Art Case Study

Zenobia Wingate ’11
Marked Indigenous: An Exhibition Proposal for the Smith College Museum of Art

First-Year Seminar: (Dis)Obedient Daughters

Marie Jones ’14, Aleandra Doucette ’14, Erin Caileen Desetti ’14, Donna Dong ’14, Meg Collins ’14, Gabrielle Martone ’14 and Amina Seay ’14
Transformations of Snow White: Damsel in Distress, Little Mother, Rape Victim, Beautiful Corpse
Seelye 107; multimedia presentation deriving from classwork with Thalia Pandiri, professor of classics

Global Studies

Reyna Levine ’11
Modern Israeli Society and the Political Agenda
Seelye 109; art presentation deriving from special studies with Justin Cammy, assistant professor of Jewish studies

Onawa LaBelle AC ’12, Carly Mailly ’12, Karen Morfin ’12, Ryan Rasdall ’11 and Anna Valentine ’11
Empowerment of Tibetan Students through Women’s Health Education

Seelye 109; PowerPoint presentation deriving from Global Learning Seminar with Leslie Jaffe, college physician and director of health services

Ashley Brickhouse ’11, Chrislene Dejean ’11, Sabine Jean ’11 and Jewels Rhode ’11
Springs of Hope in Kibera, Kenya: Community Engagement Within a Global Context
Seelye 109; PowerPoint presentation deriving from Interterm volunteer project with Katwiwa Mule, associate professor of comparative literature

Archival Studies and Poetry

Ellen Cormier ’11
“Our Very Own Sivvy”: The Editing and Emendation of Sylvia Plath’s Letters, 1952–1955
Seelye 110; paper presentation deriving from special studies with Karen Kukil, associate curator of special collections, and Michael Thurston, professor of English language and literature

Alix Korn ’11
Memory, Mortality and Making History: Narrating the AIDS Epidemic in the Letters of Jane Rule and Rick Bébout
Seelye 110; PowerPoint presentation deriving from Quigley Fellowship with Marilyn Schuster, provost and dean of the faculty

Anne-Catherine Berrut-Marechaud GR
The Self and the Feminine Within the Poetical Text
Seelye 110; poetry reading deriving from thesis with Susan Van Dyne, professor of the study of women and gender

Center for Community Collaboration

Gabrielle Caballero ’13, Dylan Farrell ’12 and Zemorah Tevah HC
Hunger, Scarcity and Wealth: The Food Policy Council in Springfield
Seelye 202; panel presentation deriving from classwork with Elisabeth Armstrong, associate professor of the study of women and gender

First-Year Seminar: Literature and Medicine

Amanda MacAvoy ’14, Jessica Sweeney ’14 and Hannah Schiff ’14
Autism, Cutting and Addiction: Three Projects from “Literature and Medicine” (FYS 140)
Seelye 206; panel presentation deriving from classwork with Sabina Knight, associate professor of Chinese and of comparative literature
Early Education

Hannah Green ’13  
Policies and Practices for Our Youngest Citizens: Perspectives From Pistoia, Italy  
Seelye 208; PowerPoint presentation deriving from STRIDE research with Susan Etheredge, professor of education and child study

Annie Sussman GR  
Merging the Verbal With the Visual: Teaching Literacy through the Arts  
Seelye 208; PowerPoint presentation deriving from special studies with Susan Etheredge, professor of education and child study

Jade Bowden ’11  
An Encounter With *The Grouchy Ladybug*: A Literacy Experience in a Preschool Classroom  
Seelye 208; PowerPoint presentation deriving from special studies with Susan Etheredge, professor of education and child study

History, American Studies and the Study of Women and Gender

Anna Holley ’12J  
Reclaiming a Voice With Action  
Seelye 211; paper presentation deriving from classwork with Jennifer Guglielmo, associate professor of history

Géraldine Babin GR  
The Representation of American Suffragettes in the Media: Entering Politics as Caricatures in the 1900–1920s  
Seelye 211; PowerPoint presentation deriving from special studies with Jennifer Guglielmo, associate professor of history

Anne Watanabe ’12  
From Radical Feminist Anti-Violence Movements to Shelters and Rape Crisis Centers: Cooptation, Resistance and Historical Erasure, 1970–1994  
Seelye 211; paper presentation deriving from classwork with Jennifer Guglielmo, associate professor of history

Comparative Literature

Julia Whiting ’14  
From Political Protest to Police Support: Gavin Hood’s Problematic Film Adaptation of *Tsotsi*  
Seelye 301; paper presentation deriving from classwork with Katwiwa Mule, associate professor of comparative literature

Mia Stange ’14  
Finding Home Within Herself: Identity and Power in African Female Narratives  
Seelye 301; paper presentation deriving from classwork with Katwiwa Mule, associate professor of comparative literature

Abby Sprengle ’14  
Revisioning *Tsotsi*: Gavin Hood’s Cannibalization of Athol Fugard’s *Tsotsi*  
Seelye 301; paper presentation deriving from classwork with Katwiwa Mule, associate professor of comparative literature

Biological Sciences

Chelsea Moriarty ’13, Kim Chi Ngo ’13 and Jean Eisenman ’14  
To Divide or Not to Divide, That Is Our Question: Characterizing the Role of Eg5 Kinesin in Mediating Neural Stem Cell Proliferation in the Zebrafish Spinal Cord  
Seelye 302; PowerPoint presentation deriving from STRIDE research with Michael Barresi, assistant professor of biological sciences

Tarja Yvanka de Soysa ’11 and Jenna Wurster ’14  
mRNA Regulated Gene Expression in *Brugia malayi*: A Tool for Drug Discovery  
Seelye 302; PowerPoint presentation deriving from thesis and STRIDE research with Steven Williams, Gates Professor of Biological Sciences

Philosophy

Angela Oliverio ’12  
Do We Owe Them Anything? An Examination of Sustainability and Future Individuals Through Parfit’s Paradox  
Seelye 306; paper presentation deriving from classwork with Jeffry Ramsey, associate professor of philosophy

Sofia Walker ’11  
Two Houses Both Alike in Dignity? Literature and Philosophy Battle for Supremacy  
Seelye 306; paper presentation deriving from thesis with Susan Levin, associate professor of philosophy

International Topics in Corruption: Part II

Lily Samuels ’11, Amelia Mitchell ’11 and Catherine Campoverde ’11  
International Topics in Corruption: The OECD, Uganda, Ecuador  
Seelye 308; panel presentation deriving from classwork with Milada Bukovansky, associate professor of government
Neuroscience, Biological Sciences and Chemistry

Kristen Park ‘13, Jennifer Chan ’12 and Christina Johns ’12
The Effect of Anesthetics on Beta Amyloid Pores in Black-lipid Membranes
Seelye 311; PowerPoint presentation deriving from special studies and AEMES research with Adam Hall, associate professor of biological sciences

Anastasia Gant ’11
Understanding Biodiversity Among Microbial Eukaryotes From the Local Environment
Seelye 311; PowerPoint presentation deriving from thesis with Laura A. Katz, Elsie Damon Simonds Professor of Biological Sciences, and Kate Queeney, associate professor of chemistry

Sara Sirois ’11
Exploring the Bacterial Diversity of Avery Brook Beaver Pond Sediments
Seelye 311; PowerPoint presentation deriving from thesis with Robert Merritt, professor of biological sciences

Dance

Susana Rodriguez ’12
Martha Graham’s Dance With Freud: Psychoanalytical Implications in Night Journey
Seelye 312; paper presentation deriving from classwork with Lester Tomé, instructor of dance

Mei Maeda ’13
Radical Provocateur Exposed: Isadora Duncan in the Nude
Seelye 312; PowerPoint presentation deriving from classwork with Lester Tomé, instructor of dance

Imogene Williams ’13
Black Bodies’ Aesthetics: Urban Bush Women’s Naps and Boots
Seelye 312; PowerPoint presentation deriving from classwork with Lester Tomé, instructor of dance

Education and Child Study

Glendean Hamilton ’13, Megan Porter ’13, Danielle Santos ’11, Claire Abisalih ’13 and Carlie Dennison-Leonard ’13
Bridging Schools and Communities: Models for Education in the 21st Century
Seelye 313; panel presentation deriving from classwork with Carol Berner, lecturer in education and child study

Chinese Words and Images

This session will run from 1:30 to 3 p.m.

Fan Meyerson ’14, Kalsang ’11, Nahee Kwak ’14, Elis Lee ’14, Clarissa Chang ’11, Patricia Kim ’14, Kayla McTeigue ’13, Alex Van De Water ’13 and Elayna Lalikos ’13
Words and Images in Chinese Culture
Winslow Teaching Gallery, lower level, Museum of Art; poetry reading and art works installation presentation deriving from classwork with Sujane Wu, assistant professor of East Asian languages and literatures

2:45—4 p.m.
Concurrent Sessions

Museums Concentration Research Capstone Projects

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

Lori E. Harris AC11
Silent Voices—African American Women and Reproductive Health, 1920–1940: A Public History Exhibition

Suzanne Oppenheimer ’11
A Generation of Women Speak: Curating the Voices of Smith

Shereen Choudhury ’11
Collecting the Remains: Curating Performance Art

Leila Tamari ’11
Exhibiting the Wall: Rethinking Public Art Space in the West Bank

Anneliese Baierl ’11
Open Space: A Student Artists’ Collective and Alternative Exhibition Space for Smith College

Art, Classics and Music

Danielle Covatta ’11
African Art at the Smith College Museum of Art: Exhibition Design Proposals
Seelye 107; art presentation deriving from special studies with James Middlebrook, assistant professor of art
Celebrating Collaborations 2011

Stella Schwartz ’11 ⚙
Conserving the Caverno Antiquities
Seelye 107; PowerPoint presentation deriving from special studies with Scott Bradbury, professor of classics

Madeline Zehnder ’13
Bach Borrowing Bach: The Mass in B Minor
Seelye 107; PowerPoint presentation deriving from STRIDE research with Jonathan Hirsh, senior lecturer in music

Anthropology and History

Ariel Gregory ’11 ⚙
More Than a Fez: In Search of Heritage and Identity in the Spaces and Places of Fès, Morocco
Seelye 109; PowerPoint presentation deriving from thesis with Elliot Fratkin, professor of anthropology

Yingtong Ding ’13 ⚙
Portrayals of the Nanjing Massacre in Chinese Movies
From 1960 to 2011
Seelye 109; PowerPoint presentation deriving from work with Marnie Anderson, assistant professor of history

Alison Kuzara ’11 ⚙
The Role of Africa in America’s Culture War
Seelye 109; PowerPoint presentation deriving from special studies with David Newbury, Gwendolyn Carter Professor of African Studies (History)

Bonnie Stinson ’11 ⚙
Coalition-Building, Identity and Nonviolence: Egypt
2010–11
Seelye 109; PowerPoint presentation deriving from classwork with Nadya Sbaiti, assistant professor of history

Kahn Institute: Why Educate Women?

This session of PowerPoint presentations, deriving from a year-long project organized by Susan Bourque, Esther Booth Wiley Professor of Government, and Rosetta Cohen, Sylvia Dlugasch Baumnan Professor (Education and Child Study), will be held in Seelye 110.

Deborah Abiola Ahove ’11
Female Education and Empowerment in Developing Countries

Chi Gao ’11 ⚙
The Effect of the One-Child Policy on Girls’ Education in China

Gwen Gethner ’11 ⚙
The College Girls, Women’s Education and the Smith College Relief Unit

Ella Hartenian ’11
The Effect of Density on Women’s Education

Juliana Jackson ’11 ⚙
Educated Women in the Middle Ages

Samra Nadeem ’11 ⚙
Female Education Through Pakistani Soap Operas

Darcy Rendón ’11 ⚙
Mexican Women’s Education: 1916–1923

French Studies

Sofia Walker ’11, Elyse Martin ’11, Quinn Fusting ’11 and Ramsay Leimenstoll ’11 ⚙
The French Revolution of 1830: Differences of Perspective
Seelye 206; panel presentation deriving from classwork with Mary Ellen Birkett, professor of French studies

Center for Community Collaboration

Laura Malecky ’13 and Anna Hallman ’13
Community Kitchen and Youth Urban Gardening in Springfield
Seelye 208; panel and film presentation deriving from classwork with Elisabeth Armstrong, associate professor of the study of women and gender

Economics and Sociology

Wenyue Yang ’12
Oil Prices and U.S. Dollar Exchange Rate
Seelye 211; PowerPoint presentation deriving from classwork with Mahnaz Mahdavi, professor of economics

Nan Xia ’12 ⚙
Relationship Between Exchange Rate and Stock Prices: Case Studies of China and the U.S.
Seelye 211; paper presentation deriving from classwork with Mahnaz Mahdavi, professor of economics

Joanna Goldfarb ’11, Morgan Brescia ’11 and Rebecca Rosen ’12
The Effect of College Ranking System on Students in Elite Institutions
Seelye 211; PowerPoint presentation deriving from classwork with Tina Wildhagen, assistant professor of sociology

Michele Lee ’12, Adriana Chalas ’12, Kalia Wright ’11 and Emily Huesman ’12 ⚙
More Than a Number: The Repercussions of College Rankings on Students at Smith and Amherst College
Seelye 211; PowerPoint presentation deriving from seminar with Tina Wildhagen, assistant professor of sociology
Spanish, Portugese and Latin American Studies

Kathryn Dhillon '11 Understanding and Translating Myself Through Digital Storytelling: To Spain and Back Seelye 302; film presentation deriving from special studies with Molly Fabietti-Yu, lecturer in Spanish and Portuguese

Hannah Sultan '12 Owls in the Daytime: Volunteering on an Organic Farm in the Brazilian Cerrado Seelye 302; PowerPoint presentation deriving from Interterm volunteer work with Malcolm McNee, assistant professor of Spanish and Portuguese

Elizabeth Tuttle ’11 A Case Study of Women’s Roles Within Latin America’s Largest Social Movement Seelye 302; PowerPoint presentation deriving from thesis with Malcolm McNee, assistant professor of Spanish and Portuguese

Joelle Labrecque ’11 and Grace Kim ’11 Modern Mexican Matriarchy: Myth or Reality? Seelye 302; PowerPoint presentation deriving from special studies with Nancy Sternbach, professor of Spanish and Portuguese, and Paola Ferrario, Harnish Visiting Artist

Government

Hanzhang Liu ’11 Inner-Party Democracy in China: A New Model of Democracy or a Road Leading to Nowhere? Seelye 306; PowerPoint presentation deriving from thesis with Steven Goldstein, Sophia Smith Professor of Government

Lily Samuels ’11 Coming Home: The Struggles of Returning Girl Soldiers in Northern Uganda Seelye 306; PowerPoint presentation deriving from thesis with Gregory White, professor of government

Megan Beyer ’13 Two Twentieth Century Genocides: Rwanda 1994 and the Holocaust Seelye 306; poster presentation deriving from classwork with Catharine Newbury, professor of government

Amelia Mitchell ’11 Defining Legitimacy in Transitional Justice Seelye 306; PowerPoint presentation deriving from thesis with Alice Hearst, associate professor of government

Health Psychology and Exercise and Sport Studies

Jingyang Zhang ’14 Starving Souls Seelye 308; PowerPoint presentation deriving from classwork with Barbara Brehm-Curtis, professor of exercise and sport studies

Megan Yee ’12 and Adeola Awodele ’11 Redefining the Role of Health Reps on the Smith College Campus Seelye 308; panel presentation deriving from classwork with Benita Jackson, assistant professor of psychology

Amanda Gibbs AC11J and Rebecca Nelson ’11 Rethinking Drinking Seelye 308; panel presentation deriving from classwork with Benita Jackson, assistant professor of psychology

Lauren Kiernan ’11 Green Space, Psychology and Health Seelye 308; panel presentation deriving from special studies with Benita Jackson, assistant professor of psychology

Poetry Concentration

Ingrid Jacobsen ’11 Verse Video Seelye 311; poetry and video presentation deriving from special studies with Ellen Doré Watson, director of the Poetry Center and lecturer in English language and literature

Leah Hamilton ’11 Unknown Coast Seelye 311; poetry reading deriving from special studies with Ellen Doré Watson, director of the Poetry Center and lecturer in English language and literature

Biological Sciences and Engineering

Gabriela Kubik ’11 Photographic Exploration of Bog Amoebae Seelye 312; PowerPoint presentation deriving from special studies with Laura A. Katz, Elsie Damon Simonds Professor of Biological Sciences

Jian Hua Lin ’11 Exploring the Nuclear Dynamics of Arcella hemisphaerica and the Features of Its Bacterial Endosymbionts Seelye 312; PowerPoint presentation deriving from thesis with Laura A. Katz, Elsie Damon Simonds Professor of Biological Sciences
Truc Nguyen ’11  
Phylogeography of Hyalospheniidae (Arcellinida) Morphospecies  
Seelye 312; PowerPoint presentation deriving from thesis with Laura A. Katz, Elsie Damon Simonds Professor of Biological Sciences

Jayna Shea ’12 and Mary Clark McGrath ’13  
The Effect of Myostatin Deficiency on Murine Tendon Material Behavior  
Seelye 312; PowerPoint presentation deriving from summer research and special studies with Borjana Mikic, Rosemary Bradford Hewlett 1940 Professor (Engineering)

Smith Studies

Natalie Carroll Sargent ’12  
“A Vast Amount of Personal Effort”: President Herbert Davis and the British Refugee Children at Smith College, 1940–43  
Seelye 313; PowerPoint presentation deriving from STRIDE research with Carol Christ, Smith College president and professor of English language and literature

Natasha Zuniga ’13  
The Emergence of UNITY at Smith  
Seelye 313; PowerPoint presentation deriving from STRIDE research with Carol Christ, Smith College president and professor of English language and literature, and Nanci Young, college archivist

Kaitlin Hovanes ’12  
Smithipedia  
Seelye 313; PowerPoint presentation deriving from STRIDE research with Carol Christ, Smith College president and professor of English language and literature, and Nanci Young, college archivist

Amanda Lineweber ’11  
From Northampton to Florence: The Legacy of Ruth and Clarence Kennedy  
Seelye 313; PowerPoint presentation deriving from work with Nanci Young, college archivist

4:15–5:15 p.m.  
Collaborations Recital

Sweeney Concert Hall, Sage Hall

Enjoy an hour of music performed by selected music students and faculty together in small ensembles. Coordinated by Jane Bryden, Iva Dee Hiatt Professor of Music, and Judith Gordon, assistant professor of music.

Participating Students
Anne-Catherine Berrut-Marechaut GR, Lily Bouvier Devine ’13, Emily Brown ’11, Miriam Engel ’13, EunMee Hong ’14, Sarah Izen ’11, Eloise Johnson ’11, Ellen Michel ’14, Celeste Pritchard ’14, Caroline Rives ’14, Joydita Sarkar ’12, Jessica Watson ’11 and Katie Weiser ’13

Participating Faculty
Jane Bryden, Kivie Cahn-Lipman, Karen Smith Emerson, Judith Gordon, Joel Pitchon and Elizabeth Joy Roe

5:15–6 p.m.  
Reception

Sage Hall

Join us in celebrating the 10th year of Celebrating Collaborations!
Other Events & Activities

Thursday, April 14
Student poster presentations on research projects completed by STRIDE students (including some Collaborations presenters)
4:30–5:30 pm, McConnell Hall Foyer

Thursday, April 14, and Friday, April 15
Open Campus (overnight program for all admitted students—welcome to the expected 700+ students and their parents!)

Thursday, April 14, through Saturday, April 16
Discovery Weekend (overnight program for admitted women of color—welcome to the expected 120 students!)

Thursday, April 14, through Saturday, April 16
The Pirates of Penzance
After completing his 21st and final year of indentured apprenticeship to a tender-hearted band of pirates, young Frederic falls in love with Mabel, the daughter of Major-General Stanley. But there’s a snag. Frederic was born in a leap year, so technically he owes the pirates several more decades of service—and they want to hold him to it. Arthur Sullivan and W.S. Gilbert’s beloved comic opera is directed by Ellen W. Kaplan. Tickets: $8 general, $5 students/seniors, $3 Smith students.
8 p.m.; 2 p.m. matinee on Saturday, April 16. Theatre 14, Mendenhall Center for the Performing Arts

Saturday, April 16
Tennis v. Roger Williams
10 a.m.

Neuroscience Alumnae Panel
Nu Rho Psi, the National Honor Society in neuroscience presents Smith College’s second annual neuroscience alumnae panel. Please join us at Collaborations with five accomplished Smith alumnae as they share their experiences in neuroscience and neuroscience-related careers. Come with your questions!
11 a.m.–noon, Neilson Browsing Room

Lacrosse v. Wellesley College
1 p.m., Athletic Fields

Tennis v. Union
2:30 p.m., Athletic Fields

Pan Africa Day Show
The Smith African-Caribbean Students Association’s annual slate of performances, music and presentations showcasing the culture and educating the community about current events in countries in Africa and the Caribbean.
8 p.m., John M. Greene Hall

Spring Serenade
The Spring Serenade concert will feature several of Smith’s performance ensembles, including the Glee Club, the Smith College Chorus and the a cappella group Groove. Free, no reservations required.
8 p.m., Sweeney Concert Hall, Sage Hall

These events on or near Collaborations Day may be of interest.
Celebrating Collaborations is a project of the Committee on Academic Priorities (CAP).

Committee on Academic Priorities 2010–11
Robert Buchele, Department of Economics
John Davis, Associate Provost and Dean for Academic Development
Martine Gantrel-Ford, Department of French Studies
Nicholas Horton, Department of Mathematics and Statistics
Maureen Mahoney, Dean of the College
Joseph McVeigh, Department of German Studies
Katwiwa Mule, Comparative Literature Program
William Oram, Department of English Language and Literature
Danielle Ramdath, Associate Dean of the Faculty (Staff Liaison)
Marilyn R. Schuster, Chair, Provost and Dean of the Faculty

Celebrating Collaborations Advisory Committee 2010–11
Michael Barresi, Department of Biological Sciences
Martine Gantrel-Ford, CAP, Department of French Studies
Sabine Jean ’11, Student Government Association
Demisha Lee, Office of Admission
Heather McQueen, Clark Science Center
Lucy Mule, Department of Education and Child Study
Kara Noble, Kahn Institute
Elizabeth O’Connor Johnson ’11, Student Curriculum Committee
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Tom Riddell, Office of the Class Deans
Denise Rodino, Development
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Key to Abbreviations
AC = Ada Comstock Scholar
AMH = Amherst College
GR = 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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