

23RD ANNUAL

# ACADEMIC SPREEDAY

**WEDNESDAY | APRIL 24, 2013**

12:00 - 4:30 P.M.

HIGGINS UNIVERSITY CENTER | TILTON HALL  
ACADEMIC COMMONS | GODDARD LIBRARY



CLARK  
UNIVERSITY



**POSTER SESSIONS**  
**TILTON HALL, ABRAHM'S GALLERY (UC) &**  
**ACADEMIC COMMONS/GODDARD LIBRARY**  
**12:00 - 4:30 PM**

\*\*\*Please note the different locations for Poster Presentations below:

**ABRAHM'S GALLERY (1ST FLOOR OF UC)**

*Mathematics & Computer Science*  
*Visual & Performing Arts/Studio Art Display*

**ACADEMIC COMMONS**  
**(1ST FLOOR OF GODDARD LIBRARY)**

*Art History*  
*Asian Studies*  
*Biochemistry & Molecular Biology*  
*Chemistry*  
*Communication and Culture*  
*English*  
*Environmental Science*  
*Geography*  
*Innovation & Entrepreneurship*  
*IDSC—International Development and Social Change*  
*Political Science*  
*Screen Studies*  
*Women Studies/Study Abroad*

**TILTON HALL (2ND FLOOR OF UC)**

*Biology*  
*Economics*  
*History*  
*IDCE—International Development, Community & Environment*  
*Physics*  
*Psychology*  
*Visual & Performing Arts/Studio Art Program*

**PRESENTATIONS, PANELS & PROJECTS**  
**12:00 - 5:00 PM**

\*\*\*Please note the different locations for Oral Presentations below:

**FULLER CONFERENCE ROOM**  
**4TH FLOOR OF GODDARD LIBRARY)**

*Computer Science—(12:00 pm—2:00 pm)*

**GRACE CONFERENCE ROOM**  
**(1ST FLOOR OF UC)**

*English Department—Capstone Projects (12:00 pm—1:00 pm)*  
*Sociology Department—Honors Research—(1:00 pm—2:00 pm)*  
*Psychology Department Presentations—(2:00 pm—4:45 pm)*

**LURIE CONFERENCE ROOM**  
**(1ST FLOOR OF UC)**

*History Department Honors Presentations—(12:00 pm—2:00 pm)*  
*Steinbrecher Fellowship Program—(2:00 pm—3:00 pm)*  
*IDSC (International Development & Social Change—(3:40 pm—4:45 pm)*

**PERSKY CONFERENCE ROOM**  
**(1ST FLOOR OF UC)**

*Jewish Studies Presentation—(12:30 pm—1:00 pm)*  
*Geography Presentation—(1:30 pm—2:00 pm)*  
*Office of Study Abroad & Study Away Program Presentation—(2:20 pm—2:40 pm)*

**ROSENBLATT CONFERENCE ROOM**  
**(1ST FLOOR OF UC)**

*Political Science Honors Projects—(12:00 pm—1:00 pm)*  
*Political Science Presentations—(1:00 pm—2:20 pm)*  
*English Department—Capstone Projects—(2:30 pm—4:30 pm)*

**TRAINA CENTER FOR THE ARTS**

*Studio Art: Senior Thesis—(4:30 pm—6:30 pm)*  
*MUSIC 270: Senior Tutorial in Computer Music—(4:30 pm—6:00 pm)*  
*SCRN209: Genre Production Workshop: The Musical—(6:30 pm)*

**ABRAHM'S GALLERY (FIRST FLOOR-UC)**  
**POSTERS 12:00 - 4:30 PM**

**MATHEMATICS & COMPUTER SCIENCE**

1. *Patching Plasma and Sheath Solutions*. **Joshua Cogswell '16, Franklin Feingold '15, Zachary Herman '14, Hoang Nguyen '16, Apostolos Pitsos '16, Jorge Rodriguez '16, Sarjan Shrestha '16, Derek Walkama '15 & Elena Zhizhimontova '14, LEEP Scholars** (sponsor: Professor Natalia Sternberg)
2. *Scaling Distributed Systems through Cluster Abstraction*. **Zachary Hariton '12, LEEP Scholar** (sponsor: Professor John Magee)
3. *Analysis of Groupon Deals*. **Oliver Willcox '13** (sponsor: Professor Dominik Reinhold)
4. *Leadership Skill Development in Virtual Environments: Designing a Java Game to Facilitate Social and Personality Psychology Research*. **Catherine Feldman '15, Jeremy Colson '16, Cyrus Fenderson '16 & Sam Gatcomb '16** (sponsors: Professor Li Han, Professor Jaan Valsiner & Professor John Magee)
5. *Automatically Generated Photo Mosaics*. **Sam Kovaka '16** (sponsor: Professor John Magee)

**VISUAL & PERFORMING ARTS / STUDIO ART PROGRAM**

**(LOCATED IN ABRAHM'S GALLERY DISPLAY CASES—1ST FLOOR OF THE UC)**

6. *Painting: Beyond the Surface*  
*While the approach of these paintings is representational, student have striven to "see" beyond the appearance of things. In attempting to see the physical world clearly, these artists also confront the metaphysical; the immaterial world of idea and emotion.* **Vara Ha '14, Phoebe Hughes '16, Chelsea Kryspin '14, Nadine Maziarz '16, Nga Pham '15 & Pablo Torres '13** (sponsor: Professor Elli Crocker)

**ACADEMIC COMMONS / GODDARD LIBRARY**  
**POSTERS 12:00 - 4:30 PM**

**ART HISTORY**

1. *Connoisseurship 101: An Exercise in Attribution and Understanding in the Worcester Art Museum's "Antonio Montalvo's Wife, And One of His Sons" by a follower of Agnolo Bronzino (1503-1572)*. **Casey Harrington '13, LEEP Scholar** (sponsors: Professor John Garton & Professor Rhys Townsend)

**ASIAN STUDIES**

2. *Negotiating Relationships in Japan: An Outsider's View*. **Nattika Chunsuttiwat '13** (sponsor: Professor Alice Valentine)

**BIOCHEMISTRY AND MOLECULAR BIOLOGY**

3. *Carbohydrate Metabolism of Roseobacter denitrificans and Rhodobacter capsulatus*. **Yadana Khin '15** (sponsor: Professor Joseph Tang)
4. *Amino Acid Residues Modification on Lysyl Oxidase*. **Kostika Stefo '13 & Agnes Cheong '13** (sponsor: Professor Fred Greenaway)

**ACADEMIC COMMONS/GODDARD LIBRARY**  
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**CHEMISTRY AND BIOCHEMISTRY**

5. *Carbohydrate metabolism of Rhodobacter capsulatus and Rhodobacter sphaeroides anaerobically and aerobically.* **Blerina Cipi '13** (sponsor: Professor Joseph Tang)
6. *Biofuel Pilot Program.* **Sokheang Heng '13** (in collaboration with Suyanka Neupaney, graduate student; sponsor: Professor Christina McGraw)
7. *Structural and Magnetic Behavior of Bis (2-amino-5-S-pyridine)CuX<sub>2</sub> Crystalline Compounds.* **Clark Jackson '14** (sponsor: Professor Mark Turnbull)
8. *Synthesis of Cu<sub>20</sub> Nanoparticles Using Dihydrophilic Block Copolymer Templates.* **Yisrael Lattke '15 & Derek Luong '13** (in collaboration with Xiaorui Chen, graduate student; sponsor: Professor Sergio Granados-Focil)
9. *Synthesis and application of ion receptors for carbonate ion-selective electrodes.* **Laura Migliaccio '14 & Kelli Stockmal '14** (sponsors: Professor Christina McGraw and Professor Sergio Granados-Focil)
10. *Effect of backbone polarity on proton-conducting ability of triazole-containing polysiloxanes.* **Kelli Stockmal '14** (sponsor: Professor Sergio Granados-Focil)
11. *Tracer Monitored titrations for Seawater Alkalinity Measurements.* **Barrett Schwartz '13** (sponsor: Professor Christina McGraw)
12. *Micro-sensor Fabrication for Measuring the Changing Carbon Chemistry of the Ocean.* **Bram Smith '13** (sponsor: Professor Christina McGraw)
13. *Synthesis of an Anti-MRSA Compound.* **Brooke Yasgur '14 & George Carlson '14** (in collaboration with Michael Reardon, graduate student; sponsor: Professor Charles Jakobsche)
14. *Bidentate Chelate to Transition Metals.* **Khaled Ahmed Omran '13** (sponsor: Professor Fred Greenaway)

**COMMUNICATION & CULTURE**

15. *Singapore as an Imagined Community: Cultivating Nationalism and Identity through the Internet.* **Crystal Fam '13, Geography & Communications and Culture** (sponsors: Professor Yuko Aoyama & Professor Parminder Bhachu)

**ENGLISH**

16. *There Were Never Heroes: Autonomy, Identity, and the Modern Age in the Superhero Genre.* **Ben Canner '13** (sponsor: Professor James Elliott)
17. *A Panoptic Perpetuation of Propaganda: The Politicization of the Body in Post-War Sri Lanka.* **Kulani Panapitiya Dias '13, LEEP Scholar** (sponsor: Professor Lisa Kasmer)
18. *Restoration, Reform, and Rebirth: Imagination as a Healing Response to Environmental Uncertainty.* **Cara Gross '13** (sponsor: Professor Virginia Vaughan)
19. *Franz Kafka and The Rhetoric of Power.* **Josh Joyce '13** (sponsor: Professor Betsy Huang)
20. *Prentiss Cheney Hoyt Poetry Contest winners:*
  - 1<sup>st</sup> place: **Sara Lieto '15** — "Everything I Inherited, but Would Like to Burn"
  - 2<sup>nd</sup> place: **Apollonia Roman '14** — "Green Asphodels"
  - 3<sup>rd</sup> place: **Anthony Saracino '14** — "An Ordinary Night"
21. *Betty '79 & Stanley Sultan Short Story Contest winners:*
  - 1<sup>st</sup> place: **Joel Helander '15** — "Still Dreaming"
  - 2<sup>nd</sup> place: **Alexandra Tennant '13** — "Provenance"
  - 3<sup>rd</sup> place: **Julia Geaney-Moore '15** — "A Story of an Unlikely Love"
  - Honorable Mention: **Stephanie Aldrich '13** — "Holding Back"

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**ENGLISH (CONTINUED)**

22. *Loring Holmes & Ruth Dodd Drama Contest winners:*  
1<sup>st</sup> place: **Alex Kump '13** — "Porch"  
2<sup>nd</sup> place: **Alexandra Tennant '13** — "The Drought"  
3<sup>rd</sup> place: **Ava Molnar** — "Three Brained Woman"

**ENVIRONMENTAL SCIENCE**

23. *Quantifying Species-Specific Differences in Leaf Area—Leaf Mass Relations in a Regenerating Temperate Forest.* **Thor Akerley '13, Geography & Environmental Science** (in collaboration with Richard MacLean, graduate student; sponsor: Professor Christopher A. Williams)
24. *Capstone Research Project: An Analysis of the Conservative Network & its Relation to Environmental Injustice.* **April Herleikson '13, Global Environmental Science/ Sociology** (sponsors: Professor Bruce London & Professor Dianne Rocheleau)
25. *Gold mining and land cover change in Madre de Dios, Peru: a remote sensing study using Landsat-5 Thematic Mapper Data.* **Josue Yarleque Ipanaque '13** (sponsor: Professor John Rogan)

**GEOGRAPHY**

26. *Thermokarst Lake Analysis and Comparison in Cherskiy, Northeast Siberia.* **Samuel Berman '14** (sponsor: Professor Karen Frey)
27. *Legacy Pollution in Lower Tatnuck Brook Watershed.* **Elena Cohen '13, Liam Byrne '13, Joseph Hersh '15, Anastassios Dardas '14 & Nora Horton '13, LEEP Scholars** (sponsor: Professor Dianne Rocheleau)
28. *Asian Longhorned Beetle (ALB) narrative timeline for the Worcester outbreak.* **Joseph Danko '13** (sponsors: Professor John Rogan, Professor Verna DeLauer & Professor Deborah Martin)
29. *Forest Futures: Extrapolating Global Forest Change to 2050.* **Yelena Finegold '13** (sponsor: Professor Robert Gilmore Pontius, Jr.)
30. *Characterizing Tree canopy Loss in Central Massachusetts Using Multi-source Remotely Sensed Imagery.* **Andrew Hostetler '13** (sponsor: Professor John Rogan)
31. *Post Disturbance Soil Respiration Dynamics in a Clearcut Temperate Forest.* **Alexander Kappel '13** (sponsor: Professor Christopher Williams)
32. *Assessing Urban Forest Biodiversity: Tree Replanting as a Driver of Change in Street Tree Composition.* **Matthew Manley '13** (sponsor: Professor John Rogan)
33. *Brownfield Redevelopment in Worcester, MA.* **Amanda McQuade '13, Ann Salerno '13, Spencer Mewherter '14, Silvana Carrasco '15 & Jonathan Koenig '14, LEEP Scholars** (sponsor: Dianne Rocheleau)
34. *The Geopolitical Imaginations and Discursive Context of Guantanamo Bay, Cuba: The Geopolitics of Identity and Legal Exceptionality of Detainees.* **Adam Morse '13** (sponsor: Professor Richard Peet)
35. *Social, political, and ecological vulnerability and adaptive capacity in Worcester, Massachusetts, post-Asian Longhorned Beetle.* **Shannon Palmer '13** (sponsors: Professor Deborah Martin, Professor Verna DeLauer & Professor John Rogan)
36. *Evaluating Forest Inventory in a New England Mixed Hardwood Forest Using Quickbird, LiDAR, and Gradient Variables Data With Image Segmentation.* **Noam Raffel '13** (sponsor: Professor John Rogan)

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**GEOGRAPHY (CONTINUED)**

37. *Detection of Arctic lake ice melt and freeze: spatio-temporal variability for six lakes on the Alaskan North Slope from QuikSCAT 1999-2009.* **Emily Sturdivant '13** (sponsor: Karen Frey)
38. *Characterizing the impact of tree canopy over variation on land surface temperature: A case study of central Worcester county, MA using Landsat Thematic Mapper data.* **Martha Ziemer '13** (sponsors: Professor John Rogan, Professor Deborah Martin & Professor Verna DeLaurer)

**INNOVATION AND ENTREPRENEURSHIP**

39. *SHGO/Jamaica Field Experience.* **Charise Canales '13, Danielle Daversa '13, David Polansky '15, Spencer Gale '15 & Samara Zaslofsky '15** (sponsor: Professor David Jordan)
40. *Relationship between Social Business, CSR & Profit-maximizing companies.* **Fabia Firoze '13** (sponsor: Professor David Jordan)
41. *PlayOn!: "Connecting people through the Beautiful Game".* **Gianluca Ranallo '13, Emma Craig '13 & Carlos Cardenas '13** (sponsor: Professor Steven Rothschild)

**INTERNATIONAL DEVELOPMENT AND SOCIAL CHANGE**

42. *A Century of Land Reform in El Salvador 1880-1980: Historical Continuity and Change.* **Alfonso Alvarez '13** (sponsor: Professor Kiran Asher)
43. *Sport and Development: Can Gender-Based Football NGO's Empower Black Teenage Girls in the Fight against HIV/AIDS in Post-Apartheid South Africa?* **Hana Chamoun '13** (sponsor: Professor Dave Bell)
44. *Capitalism, Housing and Resistance: An Examination of Housing Policy and Resistance in South Africa.* **Natalie Cilem '13, Steinbrecher Fellowship Project** (sponsor: Professor Kiran Asher)
45. *Silencing Knowledge: The (mis)Representation of Holocaust Perpetrators in American Popular Culture.* **Shelby Margolin '13, LEEP Scholar** (sponsor: Professor Ken MacLean)
46. *The Political Ecology of Bioprospecting in the Wet Tropics Region of Australia: A Case Study Involving 'Ecobiotics'.* **Samuel Morrison '13** (sponsor: Professor Ken MacLean)

**POLITICAL SCIENCE**

47. *Responsibility to Protect-Evaluating the R2P Doctrine.* **Yohan Senarath '14** (sponsor: Professor Srini Sitaraman)
48. *Modeling the United Nations—A Simulating Experience.* **Selena Ahmed '16, Yohan Senarath '14, Melat Seyoum '14, Seble Alemu '14, Samer Said '13 & Brenna Dougherty '15**
49. *A&B (2 posters):*  
*Understanding the Electoral College.* **Liam Kelly Fleming '15, Jeremy Levine '15, Rebecca Liebman '15, Madeleine Lutts '13, Oliver Samples '14, Jacob Garber '14, Keitaro Okura '15 & Michael Lopes '13** (sponsor: Professor James R. Gomes)
50. *The European Court of Human Rights.* **Arielle Ganem-Rosen '13** (sponsor: Professor Srini Sitaraman)
51. *Promoting Homeownership: Implications for Western Australia.* **Brenna Merrill '14** (sponsor: Professor Sharon Krefetz)

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**SCREEN STUDIES**

52. *This Isn't A Dream, This is Actually Happening!: The Wake-Up Point in Contemporary Horror Cinema.* **Amanda Palmer '13** (sponsor: Professor Hugh Manon)

**WOMEN STUDIES/STUDY ABROAD**

53. *National Youth Survey on Youth Perspective of FGM in the UK.* **Seble Alemu '14** (sponsor: (FORWARD) The Foundation for Women's Health Research and Development)

**TILTON HALL/UC**  
**POSTERS 12:00 - 4:30 PM**

**BIOLOGY**

1. *Confirmation of arsenate reductase activity by *Denitrovibrio acetiphilus* protein YP\_003504839 using cross-species complementation.* **Amanda Barbosa '14** (sponsor: Professor Heather Wiatrowski)
2. *Variation in Size, Age and Growth Rate in 4 Alaskan 3-Spine Stickleback Populations.* **Ryan Barney '15, Emma Cotnoir '15, Rachel Eaton '13, Alyssa Barone '16 & Dali Smolsky '16** (sponsor: Professor John Baker)
3. *Stressful Maternal Environment: Deleterious or Adaptive Buffering of Offspring?* **Alison Berlent '13** (sponsor: Professor Susan Foster)
4. *Characterization of 3' Untranslated Regions of Modified Nitrate Reductase Transgenes in the Marine Diatom *Thalassiosira pseudonana*.* **Joshua Buggé '14** (sponsor: Professor Deborah Robertson)
5. *Developmental norms in the wood decaying basidiomycete *Lentinus tigrinus*.* **Alexis Carlson '13** (sponsor: Professor David Hibbett)
6. *Heritability of egg size in Alaskan threespine stickleback.* **Briana Cooney '15, Seth Bunde '15 & Kendall Lunn '14** (sponsor: Professor John Baker)
7. *Effects of avian predation cues on antipredator schooling responses in varying populations of Threespine Stickleback (*Gasterosteus aculeatus*).* **Kristen Cullity '13 & Kelly Lamond '13**(sponsor: Professor Susan Foster)
8. *Sequencing and Activity of Nitrate Reductase in *Fucus vesiculosus*.* **Caroline Johnson '13 & Kristen Cullity '13** (sponsor: Professor Deborah Robertson)
9. *Comparison of Handling Time Between Two Ecotypes of Threespine Stickleback.* **Andrea Gialtouridis '14, Bethlehem Taye '13 & Morgan Atkinson '13** (sponsor: Professor Susan Foster)
10. *Genetic Analysis of Growth Factor Signaling Inhibitors in *Drosophila*.* **Rachel Gore '13** (sponsor: Professor Justin Thackeray)
11. *Satyrization: testing for mating asymmetry between mosquito species.* **Rachel Kaiser '13** (sponsor: Professor Todd Livdahl)
12. *Population differences in Exploration-Avoidance Behavior in Three *Gasterosteus aculeatus* Populations.* **Audrey Seiz '13, Rachel Kaiser '13 & Katherine McMahan '13** (sponsor: Professor Susan Foster)
13. *How dietary restriction impacts exploratory behavior.* **Laura Urciuoli '14, Katelyn Richer '15 & Stephanie Aldrich '13** (sponsor: Professor Susan Foster)
14. *Diet deficit and compensatory growth in threespine stickleback (*Gasterosteus aculeatus*).* **Jenna Kosmo '15 & Laura Urciuoli '14** (in collaboration with Miguel Reyes, graduate student; sponsor: Professor John Baker)
15. *Endurance swimming in threespine stickleback (*Gasterosteus aculeatus*).* **Jason Moreira '14** (in collaboration with Miguel Reyes, graduate student; sponsor: Professor John Baker)



**TILTON HALL/UC**  
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**BIOLOGY (CONTINUED)**

16. *Long-term annual fluctuations in female life-history traits in Alaskan threespine stickle back.* **Miga Lee '15, Kelly McPartland '16 & Kiera Bloch '15** (sponsor: Professor John Baker)
17. *Post-transcriptional gene regulation in marine diatoms: Examination of the role of 3'UTRs.* **Magali Lemahieu '13** (sponsor: Professor Deborah Robertson)
18. *Exploring the basidiomycetous endophytic community of natural and planted rubber tree populations (*Hevea brasiliensis*).* **Rachael Martin '13** (sponsors: Professor David Hibbett and Dr. Romina Gazis—postdoctoral researcher)
19. *Interactions Between Temperature and Water: The Effects of the Thermal and Hydraulic Environment on Preferences in Ectotherms).* **Allegra Mitchell '13** (sponsor: Professor Philip J. Bergmann)
20. *An Exploration of Life-History Variation in British Columbia Populations of Threespine Stickleback, *Gasterosteus aculeatus*.* **Dina Navon '13** (in collaboration with Richard King, graduate student; sponsor: Professor John Baker)
21. *Behavioral plasticity and the loss of unusual populations in an adaptive radiation.* **Dina Navon '13 & Mitchell Kukol '14** (sponsor: Professor Susan Foster)
22. *A comparison of female threespine stickleback life-history traits across divergent Alaskan lakes.* **Yitao Shen '16, Karalynne Correia '16, Olivia Bourque '15 & Dina Navon '13** (sponsor: Professor John Baker)
23. *A Morphospace for Visualizing Limb Shape Variation in Scincid Lizards.* **Erika Roth '13** (sponsor: Professor Philip J. Bergmann)
24. *Cloning *Xanthobacter autotrophicus* Py2 mer Operon.* **Colin Rutner '13 & Erin Thayer '14** (sponsor: Professor Heather Wiatrowski)
25. *The Effects of Nitrate Fertilization on Photosynthetic Activity of the Salt Marsh Cordgrass, *Spartina alterniflora*.* **Hillary Sullivan '13** (in collaboration with Katherine Friedman, graduate student; sponsor: Professor Deborah Robertson)
26. *Analysis of Microbial Communities for the Potential for Mercury Mobilization from Septic Leach Fields of MASSTC.* **Alexander Vickers '14** (sponsor: Professor Heather Wiatrowski)

**ECONOMICS HONORS THESES**

27. *German Economic Success and Trade: A Test of Hypotheses using the Gravity Model.* **Iryna Ambroz '13** (sponsor: Professor John Brown)
28. *Consumers' Preference for Sustainable Certified Products: Eco-labels on Seafood Products.* **Ngoc Bui '13** (sponsor: Professor Robert Johnston)
29. *NAFTA and its Impact on Mexican Farmers.* **Carlos Cardenas '13** (sponsor: Professor John Brown)
30. *Impacts of the Minimum Wage on Unemployment.* **Benjamin Colb '13** (sponsor: Professor Junfu Zhang)
31. *Evaluating Motivators of Non-Use Values on Willingness To Pay for Improvement in Aquatic Biota.* **Deviyani Dixit '13** (sponsor: Professor Robert Johnston); **Deviyani Dixit** also has a second poster under the IDCE department
32. *The Impact of Cross-Border Remittances on Economic Growth in El Salvador.* **Maryam Esmaeili '13** (sponsors: Professor John Brown & Professor Chih-Ming Tan)
33. *Eating with the Seasons: An Analysis of Organic, Local and Conventional Food Availability Over Time in Southwest Montana.* **Christina Geller '13** (sponsor: Professor Jacqueline Geoghegan)
34. *Residential Housing Prices in Belarus.* **Volha Hrytskevich '13** (sponsor: Professor Chih-Ming Tan)

**TILTON HALL/UC**  
**POSTERS 12:00 - 4:30 PM**

**ECONOMICS HONORS THESES (CONTINUED)**

35. *The Value of Safety: Estimating the Effects of Crime on Home Sales in Worcester.* **Paul McNulty '13** (sponsor: Professor John Brown)
36. *Convergence Among Indian States.* **Anshu Singh '13** (sponsor: Professor Chih-Ming Tan)
37. *Voter Behavior in Senegal: The Case of the 2007 Presidential Elections.* **Abdou Seck '13** (sponsor: Professor Marc Rockmore)
38. *Housing Prices and Open Space: The Case of Worcester, MA.* **Therese Smith '13** (sponsor: Professor Jacqueline Geoghegan)

**ECONOMICS**

39. *Evaluation of the resident comprehension of the ACGME Duty Hours standard requirements.* **Irene Nakabonge-Lugude '13, LEEP Scholar** (sponsors: Professor Junfu Zhang & Dr. DeMarco, UMass Medical School)
40. *Finances of Honduras.* **Nicholas Perracchio '13** (sponsor: Professor Dessislava Slavtcheva)
41. *Price Convergence in the 17th Century Baltic Grain Trade.* **Jordan Stein '13** (sponsor: Professor John Brown)

**HISTORY**

42. *It Wasn't All Magnolias and Moonlight: Courtship in the antebellum American South.* **Nicole Koppel '14** (sponsor: Professor Amy Richter)

**INTERNATIONAL DEVELOPMENT, COMMUNITY & ENVIRONMENT**

43. *The Worcester Kindergarten Initiative: An Exploration of Childhood Obesity Prevention through an Innovative Farm-to-School Program?* **Isabel Burgess '13, 5th year student in Environmental Science and Policy** (sponsor: Professor Barbara Goldoftas)
44. *"Ko Ho Meti?" - Who Is The Third Gender?* **Deviyani Dixit '13, LEEP Scholar** (sponsor: Professor Jude Fernando); **Deviyani Dixit** also has a second poster under the Economics department.

**PHYSICS**

45. *Shearing of Sand Bed, Driven by Laminar Flow.* **Fouad Abdulameer '13** (sponsor: Professor Arshad Kudrolli)
46. *Nanoscale Electrical Characterization of the Overdoped High-Tc Superconductor (Bi-Pb)<sub>2</sub>Sr<sub>2</sub>CuO<sub>6+d</sub>.* **Unurbat Erdenemunkh '14 & Tyler Flanagan '14** (sponsor: Professor Michael Boyer)
47. *Methods for quantifying wing-beat frequencies in mosquitoes.* **Christina Ferretti '13, Physics & Biology** (sponsors: Professor Todd Livdahl & Professor Arshad Kudrolli)
48. *Examination of Radiation Sources Using a Small Radio Telescope.* **Eric Gustafson '13** (sponsor: Professor Charles Agosta)
49. *Modeling Shimmering Bees Using Cellular Automata.* **Rory Jones '14** (sponsor: Professor Ranjan Mukhopadhyay)
50. *Behavior of a Dense Granular Suspension As It Is Deposited on a Moving Substrate.* **Pascal Jundt '13, LEEP Scholar** (sponsor: Professor Arshad Kudrolli)
51. *Renewable Energy at Clark.* **Taylor Maak '13** (sponsor: Professor Charles Agosta)
52. *Synthesis of Cu(3,5-diXpyridine)<sub>2</sub>X<sub>2</sub> X = Halide (Br or Cl).* **Xinyi Shen '14 & Wilhelmina Zwennes '13** (sponsor: Professor Christopher Landee)
53. *Clark DC Minigrid.* **Aida Suriano '13 & Will Van Noppen '13, LEEP Scholars** (sponsor: Professor Charles Agosta)

**TILTON HALL/UC**  
**POSTERS 12:00 - 4:30 PM**

**PSYCHOLOGY (CONTINUED)**

54. *Women's Negotiation of Social Discourses of the Body.* **Kathryn Abell '13**  
(sponsor: Professor Rachel Falmagne)
55. *Sleep and college students: How alcohol and marijuana affect GPA and class attendance through sleep.* **Zoe Adelstein '14** (sponsor: Professor Kathleen Palm Reed)
56. *I'm Doing It All: Strength and Multiple Role Responsibilities in the Lives of African American/Black Women.* **Camille Adeoye '13** (in collaboration with Tamara Nelson, graduate student; sponsor: Professor Esteban Cardemil)
57. *Gendered Challenges in Gay Fatherhood.* **Devon Audie '13** (in collaboration with April Moyer, graduate student; sponsor: Professor Abbie Goldberg)
58. *Experiences and Outcomes of Migration: Narratives of Mexican Parents from Two Cultural Communities.* **Elisabeth Batch '14, Andrea Hernandez '14 & Mariana López Dávila '13** (in collaboration with Kaitlin Black & Heather Mangione, graduate students; sponsor: Professor Maricela Correa Chávez)
59. *Religious Belief and the Search for Meaning in Emerging Adults.* **Aidan Bellinger '14** (in collaboration with Joseph Schwab, graduate student; sponsor: Professor Jeffrey Arnett)
60. *Do Avoidant Coping Styles Mediate Relationship between Masculine Norms and Alcohol Consumption?* **Jacqueline Boenisch '13** (sponsor: Professor Kathleen Palm Reed)
61. *Attitudes Towards Professional Psychological help among Machista Latino Men.* **Maria Campos '13** (sponsor: Professor Esteban Cardemil)
62. *Feminist Identity Across Difference: The Roles of Race, Class, and Generation in Shaping Feminist Identity.* **Jane Carper '13** (sponsor: Professor Nicola Curtin)
63. *I activate you to affect me: creations of feeling and being at home.* **Kevin Carriere '14**  
(sponsor: Professor Jaan Valsiner)
64. *Makeup and Meaning: Do we listen to authorities?* **Melanie Conde '15**  
(sponsor: Professor Jaan Valsiner)
65. *Motivations for Collective Resistance During the Holocaust.* **Rachel Eaton '13**  
(sponsor: Professor Johanna Vollhardt)
66. *Accents in the Workplace: The Effects of Accent Bias on Job Interview Outcome.* **Franklin Eneh '13** (sponsor: Professor Jaan Valsiner)
67. *Prescription Stimulant Medication and Its' Effects on Academic Decision Making.* **Edan Finard '14** (sponsor: Professor Kathleen Palm Reed)
68. *Extracting Lessons and Philosophies from Life Situations: A Journal Study.* **Olivia Vande Griek '15** (sponsor: Professor Jaan Valsiner)
69. *Students' Growing Recognition of Responsibility, Integration, Creativity, Collaboration, Adaptive Expertise, and Implementation.* **Jacob Feinberg '15, Yuka Sato '14, Rebecca Stacey '14, Brianna Valois '15, Olivia Vande Griek '15 & Victoria Westerband '14; LEEP Lab** (sponsor: Professor Seana Moran)
70. *How do Clark students talk about LEEP?* **Jacob Feinberg '15, Yuka Sato '14, Rebecca Stacey '14, Brianna Valois '15, Olivia Vande Griek '15 & Victoria Westerband '14; LEEP Lab** (sponsor: Professor Seana Moran)
71. *The Role of Family in Individual Decisions of Resistance during the Holocaust.* **Joanna Feldman '13** (sponsor: Professor Johanna Ray Vollhardt)
72. *The Dad I am, and the Dad I'd like to be: Discrepancies between Fathers' Perceived and Ideal Investment in the Parenting Role.* **Lindsey Gedaly '13** (sponsor: Professor Geoffrey Brown)
73. *Self-Identity and Self-concept of Resisters before, during, and after the Holocaust: Stability and Change.* **Sarah Goldstein '14** (sponsor: Professor Johanna Ray Vollhardt)

**TILTON HALL/UC**  
**POSTERS 12:00 - 4:30 PM**

**PSYCHOLOGY (CONTINUED)**

74. *Environmental Responsibility: The Effects of Awareness of Consequences and Mortality Salience on Ascription of Responsibility for Climate Change.* **David Gross '13** (sponsor: Professor Nicola Curtin)
75. *Do Ask, Do Tell: Assessing Sexual Issues in Adolescents/Young Adults (AYAs) Living With Cancer.* **Matthew Grossman '13** (sponsors: The National Institute of Health (NIH), Dr. Maryland Pao & Dr. Lisa Horowitz)
76. *Perceived Pathways of Success.* **Zora Haque '14** (sponsor: Professor Jaan Valsiner)
77. *Interaction of Parent and Teacher Involvement in the Classroom.* **Talia Hirsh '13** (in collaboration with Jacqueline Raftery, graduate student; sponsor: Professor Wendy Grolnick)
78. *Differences in Mental Health Among Men in Reciprocal and Nonreciprocal Violent Intimate Partner Relationships.* **Bridget Kim '13** (sponsor: Professor Denise Hines)
79. *The Food Network: A Case Study on Semantic Development.* **Lauren Koppel '14 & Adrienne Cummings '14** (in collaboration with **Alisa Zeliger '13**; sponsor: Professor Marianne Wiser)
80. *Lesbian Adoptive Mothers' Narratives on Nonbiological Motherhood.* **Catherine Lenis '13** (sponsor: Professor Abbie Goldberg)
81. *The Virtue of Grammar: Small Group Instruction for Enhanced Comprehension of Academic Texts in Forth Graders.* **Olivia McGill '13 & Lucia Pantuosco '15, LEEP Scholars** (sponsor: Professor Marianne Wiser)
82. *Feeling Through the Environment: The Microgenesis of Aesthetics in the Living Space.* **Curtis Meyer '15** (sponsor: Professor Jaan Valsiner)
83. *A Psychological Spectrum of the Clark Party Experience.* **Greg Minikes '14** (sponsor: Professor Jaan Valsiner)
84. *Anxiety Sensitivity as a Mediator of the Relationship Between Social Anxiety and Alcohol Consumption.* **Julianne Mitchell '13** (in collaboration with Victoria Ameral, graduate student; sponsor: Professor Kathleen Palm Reed)
85. *Type of Aggression and Mental Health for Male Victims of Intimate Partner Violence.* **Ryan Moylan '13** (sponsor: Professor Denise Hines)
86. *Effects of Child Maltreatment on Adult Victimization in Men.* **Jaclyn Murano '14** (sponsor: Professor Denise Hines)
87. *OIF/OEF Veterans' Perceptions of Social Support from Military Peers and Civilian Family and Friends.* **Brittany Murphy '13** (sponsor: Professor Nicola Curtin)
88. *I am (not) woman, hear me roar: Tension-filled femininities in women's discussions of risk.* **Margaret Nicholson '13** (in collaboration with Kathryn Frazier, graduate student; sponsor: Professor Rachel Falmagne)
89. *He never listens to me: Advice-giving by women in committed, intimate relationships.* **Margaret Nicholson '13** (sponsor: Professor James Córdova)
90. *"Explaining Away" Wrongdoings in Ethnic Conflicts: A Field Study in Post-War Sri Lanka.* **Kulani Panapitiya Dias '13, Amna Adamjee '15 & Karishma Veljee '15, LEEP Scholars** (sponsor: Professor Johanna Ray Vollhardt)
91. *The Biomechanics and Neurophysiology of Brachiation in Gibbons and its Rediscovery in Humans.* **Emma Pennock '13** (sponsor: Professor Jaan Valsiner)
92. *The Relations of Parental Control and Autonomy-Support to Adolescent Autonomous Self-Regulation Around Eating.* **Natania Perlman '14** (in collaboration with Amanda Mikedis, graduate student; sponsor: Professor Wendy Grolnick)
93. *Comparing Media Frames of Columbine and Sandy Hook.* **Harris Rollinger '13** (sponsor: Professor Nicola Curtin)

**TILTON HALL/UC**  
**POSTERS 12:00 - 4:30 PM**

**PSYCHOLOGY (CONTINUED)**

94. *Mental Health of Helpseeking Men who Sustain Intimate Partner Violence.* **Andrea Russo '14** (sponsor: Professor Denise Hines)
95. *Socioecological Reference Frames: Relational Boundaries in Father-Collegiate Child Relationships.* **Alex Santos '14** (sponsor: Professor Jaan Valsiner)
96. *Age of Onset of Marijuana Use and Associated Functioning: Academic Performance and Negative consequences.* **Paige Scrofani '13** (sponsor: Professor Kathleen Palm Reed)
97. *Growth and Self-Esteem in Emerging Adults.* **Jessica Shepro '15** (in collaboration with Joseph Schwab, graduate student; sponsor: Professor Jeffrey Arnett)
98. *Family Obligations and its Effects on the Academic Self-Regulation and Engagement of Immigrant Children in the U.S.* **Aksheya Sridhar '14** (in collaboration with Kristine Marbell, graduate student; sponsor: Professor Wendy Grolnick)
99. *Friendship and Emerging Adulthood.* **Rebecca Tobias '13** (sponsor: Professor Jeffrey Arnett)
100. *Social context of cannabis use: The influence of depression and problematic use.* **Kate Trancynger '13** (sponsor: Professor Kathleen Palm Reed)
101. *Guilt, Shame, and Depression.* **Anna Voremberg '13** (sponsor: Professor Laura McKee)
102. *College Romantic Relationships: Commitment, Satisfaction, and Drinking Habits.* **Alicia Winn '13** (in collaboration with Julia Sollenberger, graduate student; sponsor: Professor James Córdoba)
103. *Predictors of Sexual Assault and Help-Seeking Behaviors on the Clark University Campus.* **Heather Yany '13** (sponsor: Professor Denise Hines)
104. *Semantic Network Development in Kindergarten: Implications for Future Practice and Research.* **Alisa Zeliger '13, LEEP Scholar** (sponsors: Professor Marianne Wiser & Professor Nancy Budwig)

**VISUAL & PERFORMING ARTS/STUDIO ARTS**

**(LOCATED IN BACK ROOM OF TILTON HALL—NEAR PIANO)**

105. *Style and Substance: Researching Graphic Design History.* **Lydia Berry '15, Elizabeth Brooks '14, Ria Citrin '14, Erin Glennie '15, Granite Huang '14, Natasha Isokangas '14, Jessica Loomis '13, Olivia Lourie '15, Shannon Magrane '14, Maya Reardon '13, Kendall Rich '15 & Andrew Schuschu '13**  
(sponsor: Professor Jane Androski)
106. *Graphic Design Studio: Researching Visual Systems & Mark-making.* **Nina Borland '14, Mark Peck '14, Paul Puia '14, Nhung Truong '13 & Katharine Gill '13** (Graduate Student); (sponsor: Professor Emily Sara Wilson)

# **PRESENTATIONS & PANELS**

*12:00-5:00PM*

## **FULLER CONFERENCE ROOM (4TH FLOOR/GODDARD LIBRARY)**

### ***12:00-2:00* COMPUTER SCIENCE PRESENTATIONS**

#### **Honors Presentations:**

*Scaling Distributed Systems through Cluster Abstraction. Zachary Hariton (2013)* (sponsor: Professor John Magee)

*Darkwood Forest: A Role-Playing Videogame. Ryan Osbaldeston (2013)* (sponsor: Professor Frederic Green)

#### **Computer Science Presentations:**

*Leadership Skill Development in Virtual Environments: Designing a Java Game to Facilitate Social and Personality Psychology Research. Catherine Feldman (2015), Strad (Jeremy) Colson (2016), Cyrus Fenderson (2016) & Sam Gatcomb (2016)* (sponsors: Professor Li Han, Professor Jaan Valsiner & Professor John Magee)

*Improving computer interaction accuracy using background learning. Jian Bin Guo (2015)* (sponsor: Professor John Magee)

*Automatically Generated Photo Mosaics. Sam Kovaka (2016)* (sponsor: Professor John Magee)

*Using image processing to determine parking lot occupancy. Evan Palmer (2014)* (sponsor: Professor John Magee)

*License Plate Recognition Through A Live Video Feed. Tyler Boraski (2013)* (sponsor: Professor John Magee)

# **PRESENTATIONS & PANELS**

*12:00-5:00PM*

## **GRACE CONFERENCE ROOM**

**(1ST FLOOR—LEFT OF THE UC ENTRANCE)**

### **12:00-1:00 ENGLISH DEPARTMENT—Capstone Projects**

*Faculty Sponsor: Professor Lisa Kasmer*

#### **Panel 1: In Our Own Write**

**Kevin Sweeney (2013)**, “Faceless Strangers”

**Michael Goldstein (2013)**, “Yokai: An Introduction to Japanese Monsters”

#### **Panel 2: In Our Own Write**

**Sam Hruska (2013)**, “Gothic Literature and its Treatment of the Christian Religion Based on Prior Inspirations of the Enlightenment in Eighteenth-Century Europe and America”

**Jeffrey Medoff (2013)**, “Kantian Philosophy in Detective Fiction: The Detective as the Enlightened Scholar”

#### **Panel 3: In Our Own Write**

**Levi Natkins (2013)**, “‘Talking With You Is Sort of the Conversational Equivalent of an Out-of-Body Experience’: A Look into Creativity, Imagination, and the Interplay Between Structured Schooling and Individual Freedom”

**Zoe Greenberg (2013)**, “Historical Reactions to Deviance as Seen in *Girl, Interrupted* and *One Flew Over the Cuckoo’s Nest*”

### **1:00-2:00 SOCIOLOGY DEPARTMENT HONORS RESEARCH**

*Consumerist Frames and Pornographic Products: College Students and Views on Pornography.* **Yuval Idan (2013)** (sponsor: Professor Debra Osnowitz)

*Fire and Responsibility: Corporate Social Responsibility and the Bangladesh Fires.* **Zachary Nussbaum (2013)** (sponsor: Professor Robert J.S. Ross)

*What Makes a Woman?: A study of *Ladies’ Home Journal* and its constructions of femininity from 1950 to 2012.* **Sarah Pope (2013)** (sponsor: Professor Debra Osnowitz)

### **PSYCHOLOGY DEPARTMENT PRESENTATIONS**

#### **2:00-4:00 Panel Title: Using Research to Influence Public Policy: Briefing Reports to Policymakers - Faculty Sponsor: Professor Denise Hines**

*Dealing with Self-Objectification in Schools.* **Anna Voremberg (2013)**

*Finding Solutions to Drug-Violence in Mexico.* **Mariana Lopez Davila (2013)**

*Education Through the Lens of Public Policy.* **Alisa Zeliger (2013)**

*Mental Health and Gun Control.* **Harris Rollinger (2013)**

*Regulating Medical Marijuana.* **Christine Miller (2014)**

**4:00-4:15** *Do Ask, Do Tell: Assessing Sexual Issues in Adolescents/Young Adults (AYAs) Living With Cancer.* **Matthew Grossman (2014)** (sponsors: The National Institute of Health (NIH), Dr. Maryland Pao & Dr. Lisa Horowitz)

**4:15-4:45** *I activate you to affect me: creations of feeling and being at home.* **Kevin Carriere (2014)** (sponsor: Professor Jaan Valsiner)

# **PRESENTATIONS & PANELS**

*12:00-5:00PM*

## **LURIE CONFERENCE ROOM**

**(1ST FLOOR-LEFT OF THE UC ENTRANCE)**

### **HISTORY DEPARTMENT HONORS PRESENTATIONS**

**12:00-2:00**

*To Rush out and Seek Allies: The United States, Pakistan and the Soviet-Afghan War.* **Austin Alexander (2013)** (sponsor: Professor Doug Little)

*The White Rose Home: A Lens into the Lives of African-American Women in New York City (1897-1941).* **Natasha Cochran (2013)** (sponsor: Professor Ousmane Power-Greene)

*Chivalrous Contest: Early Baseball in Worcester County.* **Shane Ellement (2013)** (sponsor: Professor Janette Greenwood)

*Reconsidering the Chicago Commission on Race Relations, 1919-1922.* **Francis Freedman (2013)** (sponsor: Professor Ousmane Power-Greene)

*Creative Resistance During the Holocaust: Art, Music, and Theatre at Thereseinstadt.* **Katherine Horigan (2013)** (sponsor: Professor Deborah Dwork)

*The Great Exhibition of 1851.* **William Joyce (2013)** (sponsor: Professor Nina Kushner)

*British Perceptions across Colonies: The Role of New England in the Deportation of the Acadian Population from Nova Scotia.* **Tricia Labbe (2013)** (sponsor: Professor Drew McCoy)

*Lessons from Lausanne: Claims, Citizenship and Diplomatic Relations involving the United States and Turkey following World War I.* **Tim Sistare (2013)** (sponsor: Professor Taner Akcam)

**2:00-3:30**

### **STEINBRECHER FELLOWSHIP PROGRAM**

**Program Director: Professor Sharon Krefetz**

*Mapping Burn Severity in an Oak Savannah in Central Massachusetts.* **Joey Danko (2013)**

*How Do Good People Do Bad Things? Justifying Violence through Moral Disengagement in Post-War Sri Lanka.* **Kulani Dias (2013)**

*British Perceptions Across Colonies: The Role of New England in the Deportation of the Acadian Population from Nova Scotia.* **Tricia Labbe (2013)**

*Challenges of Teacher Training in Haiti.* **Alina Michelewicz (2014)**

*Stressful Maternal Environment: Deleterious or Adaptive Buffering of Off-spring?* **Alison Berlent (2013)**

*Westing Away: Nostalgia, American Identity, and the Post-Apocalyptic Frontier.* **Alison Mayer (2013)**



# **PRESENTATIONS & PANELS**

*12:00-5:00PM*

## **LURIE CONFERENCE ROOM**

**(1ST FLOOR—LEFT OF THE UC ENTRANCE)**

### **IDSC (International Development & Social Change) PRESENTATIONS**

**3:40-4:20**

*Fraternal Reinforcement: Siblings as Refuge in the Negotiation of Assimilationist Education.* **Elizabeth J. Harris (2013)** (sponsor: Professor Eric DeMeulenaere)

*Room 310: A Teacher and Students Negotiating Neoliberalism in the Classroom.* **Lillian Wu (2013)** (sponsor: Professor Eric DeMeulenaere)

**4:20-4:45**

*Silencing Knowledge: The constitutive relationship of modernity's narrative and the rise of Holocaust awareness.* **Shelby Margolin (2013)** (sponsor: Professor Ken MacLean)

# **PRESENTATIONS & PANELS**

*12:00-5:00PM*

## **PERSKY CONFERENCE ROOM (2ND FLOOR—BEHIND MAILROOM)**

***12:30-1:00***     **JEWISH STUDIES PRESENTATION**

*Legend and Myth in Ancient Near Kingship. Joshua Luke Rushing (2014)*  
(sponsor: Professor Everett Fox)

***1:30-2:00***     **GEOGRAPHY PRESENTATION**

*Neoliberal Cities and the Architecture of Power: Case Study on Panama City's Urban Development. Frida Archibold Turner (2013)* (sponsor: Professor Richard Peet)

***2:20-2:40***     **OFFICE OF STUDY ABROAD &  
STUDY AWAY PROGRAM PRESENTATION**

*Affects of the Internet & Social Networking in Modern China. Franklin Eneh (2013)* (sponsor: Adriane van Gils-Pierce (Director) & Constance Whitehead Hanks (Assistant Director))

# **PRESENTATIONS & PANELS**

*12:00-5:00PM*

## **ROSENBLATT CONFERENCE ROOM**

**(1ST FLOOR—LEFT OF THE UC ENTRANCE)**

### **POLITICAL SCIENCE PRESENTATIONS**

***12:00-1:00*** **Political Science Honors Projects:**

*Overriding the Tax Revolt: An Exploration of Why a Majority of the Voters in Some Massachusetts Cities and Towns Have Voted for Higher Property Taxes.* **Matthew Furman (2013)** (sponsor: Professor Sharon Krefetz)

*The American Response to the Arab Spring: A Study of Regional Security Strategy and Crisis Intervention.* **Daniel Hall (2013)** (sponsor: Professor Michael Butler)

*Assessing Partition as a Solution to Ethnic Conflict.* **Samer Said (2013)** (sponsor: Professor Michael Butler)

***1:00-2:00*** *Oral Arguments at the U.S. Supreme Court and Judicial Fellows Briefing.* **Patrick Burchat (2015), Afra Danai (2014), Daniel Diez (2015) & Chelsea Salmonsén (2014)** (sponsor: Professor Mark C. Miller)

***2:00-2:20*** *Palestinian Female Suicide Bombing: Force of Empowerment or Gender-based Victimization?* **Nikoleta Sremac (2013)** (sponsor: Professor Michael Butler)

***2:30-4:30*** **ENGLISH DEPARTMENT—Capstone Projects**

*Faculty Sponsor: Professor Lisa Kasmer*

**Panel 4: Representations of Gender through Genre and Culture**

**Allison Lanes (2013)**, “*Ladies Lust for the Conservative: Enhancing Conservative Didacticism through Morals and Marketing in Samuel Richardson’s Pamela and E. L. James’s Fifty Shades of Grey*”

**Stephanie Orman (2013)**, “*Cursed, Damned, and Living Happily Ever After?: Ambiguous Portrayals of Female Monsters in Contemporary Urban Fantasy*”

**Alanna Goddard (2013)**, “*Redefining Origins of a Genre: Ann Ward Radcliffe and the Gothic Novel*”

**Panel 5: C’est ne pas une group title**

**Eric Devenney (2013)**, “*Word and World: How Language Informs Structure in Lewis Carroll’s Texts*”

**Meridee Munford (2013)**, “*En Espangles: Word as a Two-Sided Act in Esmeralda Santiago’s When I Was Puerto Rican and Junot Diaz’s The Brief Wondrous Life of Oscar Wao*”

**Joshua Joyce (2013)**, “*The Rhetoric of Power*”

**Panel 6: Text in Context: Narratives of Reason, Uncertainty, and Trauma**

**Thomas Gorman (2013)**, “*‘Through a Glass Darkly’: Critique of the Victorian Notion of Rationality in Wilkie Collins’ The Moonstone*”

**Kerry McGlade (2013)**, “*Holocaust Memory: The Impact of Trauma and Gender on the Process of Truth through Memoir*”

**Kulani Panapitiya Dias (2013)**, “*A Panoptic Perpetuation of Propaganda: The Politicization of the Body in Post-War Sri Lanka*”

**Cara Gross (2013)**, “*Restoration, Reform and Rebirth: Imagination as a Healing Response to Environmental Crisis and Uncertainty*”

**TRAINA CENTER FOR THE ARTS**  
**SCHILTKAMP GALLERY, 92 DOWNING STREET**

*Reception 4:30 pm –6:30 pm*

*Visual & Performing Arts: Studio Art: Senior Thesis 2013 Exhibition*  
*(sponsors: Stephen DiRado and Ron Rizzi)*

*This annual exhibition is a group show celebrating a diverse selection of art by graduating Studio Art majors. This year the students are:*

**Jessica Bisbee '13, Kimberly Driscoll '13, Nicholas Hancock '13, Jennifer Heim '13, Tiffany Kline '13, Jessica Loomis '13, Sarah MacNamara '13, Olivia Meny '13, Francesca Perlov '13, Juliana Pepper '13, Maya Reardon '13, Miriam Ross '13, Ariela Sturgis '13, Kate Trancyger '13**

**Opening Reception: 4:30 pm—6:30 pm Today, April 24, 2013**

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**TRAINA CENTER FOR THE ARTS**  
**RAZZO HALL, 92 DOWNING STREET**

*at 4:30—6:00 pm*

*MUSIC270: Senior Tutorial in Computer Music:*  
*“Interactive Computer Music and Video Projects”*  
*(sponsor: Professor Matt Malsky)*

- **Tyler Boraski '13:** *Chord Progression Machine—A simple step sequencer in which a user chooses root notes, the chord types of the root notes, the inversion types of the chords, and what key the entire sequence should be played in to create chord progressions very easily, even to someone with little to no knowledge in music theory.*
- **Jasper Boyd '13:** *The Weather Sound—A computer music project that transforms real time weather data into an evolving soundscape.*
- **Greg Gaines '13:** *A study in repetitive harmonic fluctuation within a mechanized computational system—Following the works of Mr. Reginald “Reggie” Watts, this project explores repeated recordings, or ‘loops’ to create rich soundscapes that are pleasing to the ear.*
- **Charles Hildreth '13:** *Interactive Beat Maker—My MAX project is the Interactive Beat Maker (IBM). The IBM allows its user to construct a drum loop based on preset patterns from and within 5 different drum piece categories: Kicks, Snares, Hats, Percussion, and Claps. Each portion of the playback loop can be altered separately or simultaneously, along with the BPM of the entire loop.*
- **Fenn Macon '13:** *Live performance set up for voice and guitar using midi and iPad.*
- **Jasper Muse '13:** *Before Static—This software is a sound generator programmed to read the physical marks on the surface of a film (dust, scratches, over exposures, etc.) and produce music.*
- **Mike Tierney '13:** *Interactions—Max Interactions is a digital sound environment created to react to musical happenings with controlled. Through discussion and intermittent live musical performance, Mike Tierney will demonstrate the potential of interactions in creating humanistically responsive electro-acoustic music.*

**TRAINA CENTER FOR THE ARTS**  
**RAZZO HALL, 92 DOWNING STREET**

*SCRN209: Genre Production Workshop: The Musical*  
(sponsor: Professor Stephanie Larrieux)

*Wednesday, April 24, 2013 at 6:30 pm or*  
*Thursday, April 25, 2013 at 6:00 pm in Razzo Hall.*

**PARIS OF THE 80s**

*The students of SCR N 209 Genre Production Workshop: The Musical, cordially invite you to the premiere of their final film project, Paris of the 80s. In this LEEP "Problems of Practice" course, students pursuing studies in the Visual and Performing Arts programs (Screen, Music, Theater, Studio Art, and Art History) have worked collaboratively all semester long to produce a movie musical from script to screen that features an original story, music, choreography, and more. Come witness the fruits of their labor on Wednesday, April 24, 2013 at 6:30 pm or Thursday, April 25, 2013 at 6:00 pm in Razzo Hall.*



*Academic Spree Day Coordinator: Professor James Córdova*  
*Staff Coordinator: Karen Wilber*