



21st Annual Academic Spree Day

Wednesday, April 27, 2011

12:00pm-4:30pm

**University Center 1st Floor
&
Tilton Hall**

TILTON HALL

*****Departments with this marking (Environmental Science, Geography, History, Mathematics & Computer Science and Physics) have posters displayed in the Student Lounge or Abraham's Gallery (1st Floor of the UC) all other posters are on display in Tilton Hall.**

POSTERS 12:00 - 4:30 PM

BIOLOGY

1. *Screening for Genetic Interactions with Tumor Suppressor Gene: p53.* **Marc Benoit '12** (sponsor: Professor Denis Larochelle)
2. *Transformation of the Marine Diatom *Thalassiosira pseudonana*.* **Dylan Scott '11** (sponsor: Professor Deborah Robertson)
3. *Male Mate Preference and Assortative Mating in the Threespine Stickleback.* **Lily Hughes '11** (sponsor: Professor Susan Foster)
4. *Abnormal Inclusion Bodies in Alveolar Macrophages from an Experimental Mouse Model for Hermansky-Pudlak Syndrome.* **Eileen Daley '11 & Toby Maak '12** (sponsor: Professor Timothy Lyerla)
5. *The effect of invasive parasite *A. taiwanensis* on the invasive mosquito *O. japonicus*.* **Julie Erthal '11** (sponsor: Professor Todd Livdahl)
6. *Alveolar Macrophage Activation in a Mouse Model for Hermansky Pudlak Syndrome.* **Margo Sheck '11 & Serena Pham '11** (sponsor: Professor Timothy Lyerla)
7. *What roles Do Genetic Predispositions and Selective Regimes Play in Shaping the Diversification Displays of Threespine Stickleback.* **Shannon O'Neil '11 & Gabriel Kaknes '11** (sponsor: Professor Susan Foster)
8. *Analysis of Glutamine Synthetase II Regulation in a Marine Diatom by Treatment with Inhibitor.* **Jessica Alexander '11** (sponsor: Professor Deborah Robertson)
9. *Competition Study between *Aedes albopictus* and *Aedes aegypti*.* **Nicole Paradis '11** (sponsor: Professor Todd Livdahl)
10. *The Characterization of the *Kif1* Gene in *Dictyostelium discoideum*.* **David Grimaldi '11** (sponsor: Professor Denis Larochelle)
11. *A screen for novel inhibitors of PLC-gamma.* **Katherine Driscoll '11 , Craig Jeskey '11 & Lindsey Comer '11** (sponsor: Professor Justin Thackeray)

BIOCHEMISTRY AND MOLECULAR BIOLOGY

12. *ALS and the Search for a KIFAP3 Interaction Protein.* **Jenni Adams '12** (sponsors: John Landers [UMass Medical School] & Professor David Thurlow)
13. *Sentinel Events Model: Phase 3 Study at UMass Medical School.* **Kristen Murrone '11** (sponsor: Professor David Thurlow)
14. *G-Priming Activity of the Primase T7 Chimera.* **Abhijit Srungavarapu '12** (in collaboration with Jamie Towle, graduate student; sponsor: Professor David Thurlow)
15. *Biophysical Studies of the Effects of the Italian Mutation on the Self-Assembly of the Amyloid- β Protein.* **Dan Moynihan '11** (sponsor: Professor Noel Lazo)
16. *Knockout of *Rad4* DNA Repair Gene in *Dictyostelium discoideum*.* **Jason Lui '11** (sponsor: Professor Denis Larochelle)

CHEMISTRY AND BIOCHEMISTRY

17. *Structures of 1,6-bisphenyl-1,3,4,6-hexanetetron Derivatives.* **Luke Nye '11** (sponsor: Professor Mark Turnbull)
18. *Structure Prediction of Lysyl Oxidase Using Computational Methods.* **Khiem Nguyen '11** (sponsor: Professor Shuanghong Huo)
19. *Crystal Structure and Magnetic properties of Copper coordination Compounds.* **Mahmoud Abdalrahman '12** (sponsor: Professor Mark Turnbull)
20. *Synthesis of 2, 3-Dimethylpyridine and its Perdeuterated Form: Investigations in Structure and Magnetism.* **Alexander Gale '12** (sponsor: Professor Mark Turnbull)
21. *Triazole functionalized polysiloxanes as solid electrolytes for Dye Sensitized Solar Cells.* **William Trout '13 & Christopher Quan '12** (sponsor: Professor Sergio Granados-Focil)
22. *A Dangerous Misconception: Climate Change Myths I.* **Catherine Phillips '13 & William Trout '13** (sponsor: Professor Christina McGraw)
23. *A Dangerous Misconception: Climate Change Myths II.* **Bobby Naughton '11 & Phillip Boglisch '12** (sponsor: Professor Christina McGraw)
24. *Synthesis of mesoporous Silica Films for Use as Hosts for Transition Metal Oxides.* **Luke Witthoft '12** (sponsor: Professor Luis Smith)

ECONOMICS

25. *Feeding the Heart of Massachusetts: An analysis of organic, local and conventional food availability in Worcester, MA.—DAIRY.* **Leah Fitzgerald '11 (Group Leader), Carl Kellenbenz '13, Amanda Ethridge '11 & Odeta Dyrnishi '11** (sponsor: Professor Jacqueline Geoghegan)
26. *Feeding the Heart of Massachusetts: An analysis of organic, local and conventional food availability in Worcester, MA.—FRESH FRUIT.* **Eve Dolkart '11 (Group Leader), Mitchell Toro '11, Christina Geller '13 & Daniel Vladimer '11** (sponsor: Professor Jacqueline Geoghegan)
27. *Feeding the Heart of Massachusetts: An analysis of organic, local and conventional food availability in Worcester, MA.—FROZEN FRUIT & VEGETABLES.* **Emily Mickelson '11 (Group Leader), Victoria Kim '11, Joseph Krahe '12 & Jordan Stein '13** (sponsor: Professor Jacqueline Geoghegan)
28. *Feeding the Heart of Massachusetts: An analysis of organic, local and conventional food availability in Worcester, MA.—FRESH MEAT.* **Benjamin Taran '11 (Group Leader), Maria Engels '13, Therese Smith '12 & Emily Newton '13** (sponsor: Professor Jacqueline Geoghegan)
29. *Feeding the Heart of Massachusetts: An analysis of organic, local and conventional food availability in Worcester, MA.—FRESH VEGETABLES.* **Breanna Lembitz '12 (Group Leader), Nathalia Vega Dalton '11, Abigail Kaminski '11 & Michael Lamothe '12** (sponsor: Professor Jacqueline Geoghegan)
30. *What's There to Eat? Examining Access to Healthy, 'Sustainable' Groceries in Worcester, Massachusetts.* **Abigail Kaminski '11** (sponsor: Professor Jacqueline Geoghegan)
31. *Energizing the Economy.* **Kudzaishe Bwerinofa '11** (sponsor: Professor Jacqueline Geoghegan)
32. *The Relationship Between the Stock Market and Monetary Policy.* **Haoming Chang '11** (sponsor: Professor Wayne Gray)

ECONOMICS (CONTINUED)

33. *The Causes of Foreclosure Properties in Worcester County.* **Marie Dunham '11** (sponsor: Professor John Brown)
34. *Is the CAPM Still Relevant Today?* **Catherine Gabis '11** (sponsor: Professor Roxane Anderton)
35. *What Drives Wages in China? Recent Wage Determinants and Changes Since China's Economic Reform.* **Alex Zheng Li '11** (sponsor: Professor Wayne Gray)
36. *Is the United States Heading Towards a Cashless Society?* **Maritza Paulino '11** (sponsor: Professor Wayne Gray)
37. *The Clustering of Manufacturing in Urban Space: Massachusetts cities in 1950.* **Jun Ha Lyu '13 & Emily Williams '11** (sponsor: Professor John Brown)
38. *A Cross-Country Analysis Assessing Low Student Achievement in Latin America.* **Emily Williams '11** (sponsor: Professor Amy Ickowitz)

ENGLISH

39. *Patrons and the Pulitzer in Native American Literature.* **Jeremy Foster '11** (sponsor: Professor Meredith Neuman)
40. *The Secret And The Super: How Superhero Comics Define Heroism in the Tension Between Identities.* **Natasha Ochshorn '11** (sponsors: Professor SunHee Kim Gertz & Professor Betsy Huang)
41. *Other Mother: A Play.* **Camilla Smith '11** (sponsor: Professor Esther Jones)
42. *Em(body)ing Agency: Examining the Transmission and Construction of Power through Touch in Modern Ethnic Women's Fiction.* **Rachael Furman '11** (sponsor: Professor Jay Elliott)
43. *American Print Culture: Overview—The Anatomy of Books.* **Bry'onna Mention '12** (sponsor: Professor Meredith Neuman)
44. *American Print Culture: Children's Literature Through Book Illustration.* **Atulya Chaganty '11** (sponsor: Professor Meredith Neuman)
45. *American Print Culture: Children's Literature and Nineteenth-Century Industries.* **Michael Samuels '12 & Zachary Weinstein '12** (sponsor: Professor Meredith Neuman)
46. *American Print Culture: Archival Explorations of Early American Religion and Politics—Common Sense and Uncle Tom's Cabin.* **Ashley Klann '12 & Melissa Patnode '12** (sponsor: Professor Meredith Neuman)
47. *Prentiss Cheney Hoyt Poetry Contest winners:*
 - 1st place: **Gwen Walsh '11**—*Ode to Endometriosis*
 - 2nd place: **Sasha Katechis '14**—*As the Sun*
 - 3rd place: **Johanna Rothenberg '11**—*At Night I Dream of Raisins and Almonds*
48. *Betty & Stanley Sultan Short Story Contest winners:*
 - 1st place: **Chanchala Gunewardena '11**—*Lakshmi: Narratives of a female suicide bomber*
 - 2nd place: **Sean Minahan '12**—*Driftwood*
 - 3rd place: **Charlotte Turner '14**—*The Changeling Child*
49. *Loring Holmes and Ruth Dodd Drama Contest winners:*
 - 1st place: **Natasha Ochshorn '11**—*Halfway to Ypsilanti*
 - 2nd place: **Alex Kump '13**—*[Catherine (The Great) Dictionary Girl]*
 - 3rd place: **Sean Morrow '11**—*Behold the Man*
 - 3rd place: **Alexandra Tennant '13**—*Absolution*

ENGLISH (CONTINUED)

50. *Ourselves and Our Posterity: Faulkner, McCarthy, and the American Dream.* **Nate Eagan '11** (sponsor: Professor Jay Elliott)
51. *Disconnections: A Chapbook of Poetry.* **Lee Gaines '11** (sponsor: Professor Jay Elliott)

*****ENVIRONMENTAL SCIENCE**

(IN 1ST FLOOR STUDENT LOUNGE—TO THE RIGHT OF THE UC ENTRANCE)

52. *Wal-Mart's Sustainability Index: Potential Impact on Consumer Purchasing Behavior.* **Suzanne Edmunds '11** (sponsor: Professor Halina Brown)
53. *Harvest-induced elevation of coarse and fine woody debris imposes a legacy of carbon emissions.* **Angela Marshall '11** (in collaboration with Melanie Vanderhoof, graduate student; sponsor: Professor Christopher A. Williams)
54. *Effects of Habitat Fragmentation on Water Quality in Vernal Pool Ecosystems.* **Julie Murray '11** (sponsor: Professor Hamil Pearsall)

FOREIGN LANGUAGES AND LITERATURES

55. *Religion of The Tzotzil People of Zinacantán, Chiapas, México.* **Sam Wilcox '12** (sponsor: Professor Carol D'Lugo)
56. *Machista Muerto y Dentro del Miedoso—A Mixed Media Study.* **Sam Wilcox '12**

*****GEOGRAPHY**

(IN 1ST FLOOR STUDENT LOUNGE—TO THE RIGHT OF THE UC ENTRANCE)

57. *The Economic Challenges of Small-Scale Farms.* **Emily Schweitzer '11** (sponsor: Professor Dianne Rocheleau)
58. *Examining the spatial patterns and potential drivers of forest fragmentation in Massachusetts towns.* **Timothy Wright '11** (sponsor: Professor Yelena Ogneva-Himmelberger)
59. *Mapping the Potential Distribution of the Asian Longhorned Beetle (*A. galbripennis*) in Massachusetts using a Mahalanobis Typicality.* **Andrew Shatz '12 & Nick Rossi '12** (sponsor: Professor John Rogan)

HUMAN-ENVIRONMENT REGIONAL OBSERVATORY (HERO)

60. *How We Feel When We're not Mowing the Lawn: An ethnographic study of turfgrass, flowerbeds, and conflict in the north shore of Boston.* **Lilly Denhardt '11** (sponsor: Professor Deborah Martin)
61. *Making Research 'Kid-Friendly'.* **Abigail Kaminski '11** (sponsor: Professor Colin Polsky)

*****HISTORY**

(IN 1ST FLOOR STUDENT LOUNGE—TO THE RIGHT OF THE UC ENTRANCE)

62. *Jerusalem: The Axis Mundi.* **Daniel Reichenbach '12** (sponsors: Professor Everett Fox & Professor Paul Burke)
63. *Jerusalem Besieged: Three Medieval Regimes in the Axis Mundi.* **Curtis Wiemann '12** (sponsors: Professor Everett Fox & Professor Paul Burke)

INNOVATION AND ENTREPRENEURSHIP

64. *Soul Yogo.* **William Adams '11 & Amanda Vincent '11** (sponsor: Professor Steve Rothschild)

INTERNATIONAL DEVELOPMENT, COMMUNITY & ENVIRONMENT

65. *Youth Voices Shakin' Up Main South: Promise Neighborhood Partnership*. **Michelle Smith '11, Sydney Olberg '11, Miranda Muro '11, Emily Corbett '11, Stephanie Henderson '12, Lilly Denhardt '11 & Olivia Lotstein '11** (sponsor: Professor Laurie Ross)
66. *Clark Anti-Foreclosure Team (CAFT)*. **Colette Mauboussin '11, Ya'ara Persing '11, Stephanie Richardson '11 & Shane Capra '11** (in collaboration with Ted Hannigan, graduate student; sponsor: Professor Laurie Ross)
67. *Strategies for Improving Food Security in Sub-Saharan Africa: A Comparative Analysis of Agricultural and Trade Policies in Latin America and Asia*. **Deanna Goldner '11** (sponsor: Professor Jude Fernando)
68. *Connections and Diversions within Transnational Environmental Justice Movements*. **Erin Callison '11** (sponsors: Professor Denise Bebbington & Professor Dianne Rocheleau)

INTERNATIONAL DEVELOPMENT AND SOCIAL CHANGE

69. *Women Under Tents: Vulnerabilities, Risk Factors, and Capacities of Haitian Women Displaced by the Earthquake*. **Rachel Gerber '11** (sponsor: Professor Anita Fabos)
70. *English or Education: Language Policy and Development in Namibia*. **Margaret Kettles '11** (sponsor: Professor David Bell)
71. *Loving Life is Not Enough: A Case Study of Youth HIV Prevention in South Africa*. **Hannah Lee '11** (sponsor: Professor Ellen Foley)
72. *Safe Motherhood in a Kenyan Context: Authoritative Knowledge and Childbirth in Malindi District*. **Alexandra Carter '11** (sponsor: Professor Ellen Foley)
73. *Buddhist Economics & Sarvodaya: A critical Analysis*. **David Dissanayake '11** (sponsor: Professor Jude Fernando)
74. *The Government and The Non Profit Sector: Analyzing the Provision of Effective Aid for Immigrants*. **Himal Jayasekara '11** (sponsor: Professor Jude Fernando)
75. *Critique of Empowerment in Microfinance*. **Mary Brigid Palcic '11** (sponsor: Professor Anita Fabos)

MANAGEMENT

76. *Internship in the Big 4 Accounting Firms*. **Fei Lu '11** (sponsor: Professor Inshik Seol)

*****MATHEMATICS & COMPUTER SCIENCE**

(IN ABRAHM'S GALLERY—TO THE LEFT OF THE UC ENTRANCE)

77. *Electromagnetic Wave Transmission through Dense Plasma*. **Iryna Ambroz '13, Fouad Abdulameer '13, Julio Butter '14, William Carter '14, Camilo Cela Lopez '14, Zachary Griffin '14, Olivia Krommes '14, Xiao Ran Li '14 & Scott Leung '13** (sponsor: Professor Natalia Sternberg)
78. *Electricity Consumption: A Case Study in Multivariate Time Series*. **Elizabeth Brokken '11** (sponsor: Professor Stacey Hancock)
79. *Generating Functions*. **Patrick Jennings '11** (sponsor: Professor Stacey Hancock)

PHILOSOPHY

80. *Regina v. Morgan: Reasonable Belief and Consent in Rape Cases.* **Stephanie Nguyen '12** (sponsor: Professor Judith DeCew)
81. *Summers v. Tice: Issues of Causation and Negligence.* **Sonya Grabowski '11** (sponsor: Professor Judith DeCew)
82. *Kennedy Hospital v. Heston: Paternalism in Medicine.* **Alyssa Woodcock '11** (sponsor: Professor Judith DeCew)

*****PHYSICS (IN ABRAHM'S GALLERY—TO THE LEFT OF THE UC ENTRANCE)**

83. *Study of Micro Combined Heat and Power Systems and Their Applicability to Converted House Dormitories at Clark University.* **Chelsea Guy '11** (sponsor: Professor Charles Agosta)
84. *Information Theory in Biological Systems.* **Sean Clark '12 & Patrick Tucker '12** (sponsor: Professor Ranjan Mukhopadhyay)
85. *Computer Simulations Using Direct Simulation Monte Carlo Methods On Dilute Gas Flow.* **Declan Oller '11** (sponsor: Professor Charles Agosta)
86. *Swimming strategies at small scales.* **Daniel Ellowitz '13 & Darija Cosic '12** (sponsor: Professor Arshad Kudrolli)
87. *Seepage erosion patterns in a granular bed.* **Sam King '11** (sponsor: Professor Arshad Kudrolli)

POLITICAL SCIENCE

88. *Modeling the World through the United Nations.* **Samer Said '13, Jessica Chung '12, Shane D'Lima '14, Seble Alemu '14 & Elena Stocchiero '13** (sponsor: Professor Srini Sitaraman)
- 89 - 93. *Redistricting Massachusetts* **Ben August '13, Ethan Cohen '13, Marc Kadushin '12, Brendan Labbe '13, Jordan Langsam '11, Amelia Najjar '12, Colin Oldenburg '11, Nicholas Rossi '12, Katherine Rowe '12, Adam Shulman '11, Jacob Stern '12, Mark Vanderhoof '13, David Wolfenson '11 & Eleanor Zuckerman '14** (sponsors: Professors Robert Boatright & James Gomes)
94. *Warlords of Afghanistan: Help or Hindrance?* **Thomas Brescia '11** (sponsor: Professor Srini Sitaraman)
95. *The Relationship Between Central Banking Independence and the Onset of Civil Conflicts.* **Minh Mai '11** (in collaboration with Angela Nichols, graduate student; sponsor: Professor Dr. John Ishiyama, University of North Texas Dept. of Political Science)

PSYCHOLOGY

96. *Somebody to Lean On: Parents' Perceptions of the Availability and Effectiveness of Support in Foster-Care Adoptions.* **Rachael Claborn '11** (in collaboration with Lori Kinkler, graduate student; sponsor: Professor Abbie Goldberg)
97. *A Quantitative Look at the College Smoking Culture.* **Gwendolyn Hayes '11** (sponsor: Professor Kathleen Palm Reed)
98. *Where do we go when we die? Exploring beliefs and attitudes on life after death.* **Aleksandra Kaszowska '12 & Olivia McGill '13** (sponsor: Professor Lene Jensen)
99. *A study of abstract and concrete modes of reasoning in a legal context.* **Aleksandra Kaszowska '12** (sponsor: Professor Rachel Falmagne)

PSYCHOLOGY (CONTINUED)

100. *Older and wiser: Age predicts mental health help-seeking for depression in a sample of Latino men.* **Robert Rosales '12** (in collaboration with Oswaldo Moreno, graduate student; sponsor: Professor Esteban Cardemil)
101. *Building Ethnic Identity: The Complexities of Transracial Adoption.* **Hannah Wineburgh '11** (in collaboration with Hannah Richardson, graduate student; sponsor: Professor Abbie Goldberg)
102. *Who Will Stand Up? Bystander Efficacy, Bystander Behaviors, and Rape Myth Acceptance in Incoming Students and Student Leaders.* **Jenny Claire Hunt '12** (sponsor: Professor Denise Hines)
103. *Dating Violence Approval Among College Students Based on Gender and Race.* **Alexa Chu '12** (sponsor: Professor Denise Hines)
104. *How do young children achieve a concept of amount of stuff?* **America Young '12** (sponsor: Professor Marianne Wiser)
105. *Symptoms of Posttraumatic Stress Disorder in Male Victims of Mutual and Asymmetrically Abusive Relationships.* **Emily Corbett '11** (sponsor: Professor Denise Hines)
106. *Marijuana in College: Motivations for Initiating Use.* **Nichole Lopez '12** (sponsor: Professor Kathleen Palm Reed)
107. *"Empower the girl": Parents' attitudes toward gender and the deconstruction of femininity.* **Hillary Gleason '11** (in collaboration with Lori Kinkler, graduate student; sponsor: Professor Abbie Goldberg)
108. *When a Kiss is Not Just a Kiss: How Personalization in Sexual Assault Education Programs Affect Retention and Awareness Rates Across Genders.* **Shaun Provost '11** (sponsor: Professor Denise Hines)
109. *The Role of Parental Involvement, Structure and Autonomy Support in the Lives of Children-at-Risk.* **Shayl Griffith '12** (in collaboration with Jacquelyn Raftery, graduate student; sponsor: Professor Wendy Grolnick)
110. *Self-Medicating Tendencies via Alcohol Abuse among College Students Experiencing High Anxiety.* **Sarah Saliba '11** (in collaboration with Jessica Armstrong, graduate student; sponsor: Professor Kathleen Palm Reed)
111. *Children's Coping: An Autonomy Support Perspective.* **Kelsey Armusewicz '11** (in collaboration with Jacquelyn Raftery, graduate student; sponsor: Professor Wendy Grolnick)
112. *Social Cues and Humor Appreciation in Children with Autism.* **Rachel Herman '11** (sponsor: Professor James Laird)
113. *Drinking in the College Years: Alcohol Expectancies, Attitudes, and Uses Between Class Year in College.* **Lillian Chaleff '11** (sponsor: Professor Kathleen Palm Reed)
114. *The development of a 'rape culture'.* **Whitney Adams '11** (sponsor: Professor Kathleen Palm Reed)
115. *Relationships of Motivational Resources and their Effects on Academic Outcomes: A Study of Self-Perceptions in Adolescents.* **Anna Stern '11** (in collaboration with Jacquelyn Raftery, graduate student; sponsor: Professor Wendy Grolnick)
116. *Can we empathize with a suicide bomber? The effects of remorse on empathy.* **Magali Lemahieu '12 & Franklin Eneh '13**(sponsor: Professor Johanna Ray Vollhardt)
117. *Number Estimation & Cardinality in Young Children.* **Miranda Valerio '11** (in collaboration with Theresa Jackson, graduate student; sponsor: Professor Marianne Wiser)

PSYCHOLOGY (CONTINUED)

118. *Understanding Dangerous Drinking Behaviors in College Students: Drinking Behaviors, Expectancies and Student Class.* **Paul Agne '12** (sponsor: Professor Kathleen Palm Reed)
119. *Recognizing Patterns of Mental Illness and Help-Seeking Behaviors in Partner-Abusive Women.* **Victoria Goldberg '11** (sponsor: Professor Michael Addis)
120. *The Effect of Rules: How Family Rules and Expectations Affect Our Interpretations of The Drinking Age.* **Amalia Dapkiewicz '11** (sponsor: Kathleen Palm Reed)
121. *Face lifts and facial expressions: The effect of expressions on perceived age and attractiveness.* **Blair Clarke '11, Meaghan Ebbeling '11, Emily Forestieri '11 & Deeanna Leite '11** (sponsor: Professor James Laird)
122. *Depression and the perception of sadness in faces.* **Lisa Taylor '11** (sponsor: Professor James Laird)
123. *Sex differences and infidelity.* **Wendy Pernal '11, Riley Foster '11 & Kaleen Carimbo-cas '11** (sponsor: Professor James Laird)
124. *The Effect of Class Standing and Gender on Students' Knowledge of Rape and Rape Myth Acceptance.* **Julia Kelley-Vail '12** (sponsor: Professor Denise Hines)
125. *Vocabulary Exposure as a Stepping-Stone to Understanding Text in Young Children.* **Amy Anderson '12** (in collaboration with Theresa Jackson, graduate student; sponsor: Professor Marianne Wiser)
126. *Acculturation and Depression: Gender Differences in a Mexican-American sample.* **Victor Figueroa '12** (in collaboration with Oswaldo Moreno, graduate student; sponsor: Professor Esteban Cardemil)
127. *Women's Discourses on Safety.* **Catherine Lenis '13 & Kathryn Abell '13** (in collaboration with Katie Frazier, graduate student; sponsor: Professor Rachel Falmagne)
128. *Sexual Assault and Dating Violence at Clark: Cultural Differences in Perception.* **Stephanie Henderson '11** (sponsor: Professor Denise Hines)
129. *Socioeconomic Status and Motivation to Volunteer.* **Hillary Paul, '11**(sponsor: Professor Johanna Ray Vollhardt)
130. *Defining Complex Family Relationships: The Meaning of Family and Parenthood for Young Adult Children of Lesbian Mothers Conceived Through Donor Insemination.* **Hillary Paul '11** (sponsor: Professor Abbie Goldberg)
131. *Does Marriage Make a Difference?: Examining Satisfaction and Intimacy across Relationship Types.* **Nicole Bates, '11**(sponsor: Professor James Córdoba)
132. *The Effects of the Acculturation Gap on Family Values and Family Conflict.* **Shala Penzo, '12** (sponsor: Professor Wendy Grolnick)
133. *Gender Differences in Smoking: Anxiety Sensitivity and Sex Role Orientation.* **Emily Lindbeck '11** (sponsor: Professor Kathleen Palm Reed)
134. *Are Chinese Teenagers more Peaceful than American Teenagers?* **Bangchun Liu, Visiting Doctoral Student** (sponsor: Professor Joseph de Rivera)

SOCIOLOGY

135. *Shooting Hoops, Not Guns: The Management of the Police Role in a Community Policing Approach.* **Miranda Muro '11** (sponsor: Professor Patricia Ewick)

PRESENTATIONS, PANELS, & PROJECTS
12:00-4:30PM (UC)

GRACE CONFERENCE ROOM

History Presentations

12:00-1:30 **History Department Honors Research**

Rival Sisters: Religious Reaction to Female Monarchs in Tudor England, 1553-1603. **Agatha Dunbar '11** (sponsor: Professor Nina Kushner)

'The Most Dangerous and Malicious Witch,' Constructing Witches in English Plays and Pamphlets, 1566-1622. **Diana Dunlap '11** (sponsor: Professor Nina Kushner)

British Emigration to South Africa: 1870-1914. **Andrew Newton '11** (sponsor: Professor Willem Klooster)

US Cold War Policy in Afghanistan 1960-1979: From Development to Clandestine Warfare **Benjamin Seel '11** (sponsor: Professor Doug Little)

International Development and Social Change Presentation

1:40-2:25

Panel Discussion

Gender Not on The Agenda: The Gender Biases in Resettlement and Rehabilitation in the Sardar Sarovar Dam. **Tanya D'Lima '11** (sponsor: Professor Kiran Asher)

Beacon of Development or Pyre of Shame: The Case of the Sardar Sarovar Dam as Symptomatic of Mainstream Development Discourse. **Shohini Banerjee '11** (sponsor: Professor Kiran Asher)

2:30-3:15

International Development, Community & Environment Presentation

Youth Voices Shakin' Up Main South: Promise Neighborhood Partnership. **Michelle Smith '11, Sydney Olberg '11, Miranda Muro '11, Emily Corbett '11, Stephanie Henderson '12, Lily Denhardt '11 & Olivia Lotstein '11** (sponsor: Professor Laurie Ross)

LURIE CONFERENCE ROOM

12:00-1:00 Steinbrecher Fellowship Program

Exploring the Gaps: The Struggle for Political Representation and Incorporation among the Arab Citizens of Israel. **Yonatan Melamed '11**, Senior Honors Thesis in International Development and Social Change (sponsor: Professor Sharon Krefetz)

Reproductive Health Education on the Thai/Burma Border. **Haanee Tyebally '12** (sponsor: Professor Ken MacLean)

"A Flaming Trail of Masculinity": Gene Kelly and His Hyper-Masculine Persona. **Kate Saccone '11**, Senior Honors Thesis in Screen Studies (sponsor: Professor Hugh Manon)

The Transformative Properties of Art: Journey to India. **Jessica Richland '11** (sponsor: Professor Stephen DiRado)

Mathematics & Computer Science Presentations

1:00-1:20 *Electricity Consumption: A Case Study in Multivariate Time Series.* **Elizabeth Brokken '11** (sponsor: Professor Stacey Hancock)

1:20-1:45 *Knot Theory and Protein Folding.* **Matthew Valko '11** (sponsors: Professor Li Han & Professor Lee Rudolph)

1:45-2:10 *Configuration Spaces of Convex Polygons, Part I--Theorems and Proofs.* **Dylan Glotzer '11** (sponsors: Professor Li Han & Professor Lee Rudolph)

2:10-2:45 *Configuration Spaces of Convex Polygons, Part II--Conjectures and Work-In-Progress.* **Sean Corbett '11, Emily Eagle '11 & Ammar Tareen '10** (sponsors: Professor Li Han & Professor Lee Rudolph)

2:45-3:15 *Curvature of curves and surfaces.* **Venkata Yamajala '12** (sponsor: Professor Gideon Maschler)

3:15-3:35 *Finite Subgroups of $GL_2[C]$.* **Patrick Jennings '11** (sponsor: Professor Lawrence Morris)

3:35-4:10 *History of the Chinese Remainder Theorem from the Han Dynasty to the 12th century.* **Matthew Valko '11** (sponsor: Professor David Joyce)

4:10-4:30 *Multidimensional Scaling.* **Jennifer Berg '11** (sponsor: Professor Lawrence Morris)

PERSKY CONFERENCE ROOM (2ND FLOOR—BEHIND MAILROOM)

Foreign Languages & Literatures Presentations

- 1:00-1:30** *Writers, Politics, Gender and Identity in Argentine and Chilean Literatures.* **Caroline DeHaan '11** (sponsor: Professor Marvin D'Lugo)
- 1:30-2:00** *The Prose and Poetry of Borges; The Fantastic Under the Author's Optics.* **Max Rather '11** (sponsor: Professor Marvin D'Lugo)

ROSENBLATT CONFERENCE ROOM

Art History Presentation

- 12:00-12:20** *Lee Miller: Photographer, Muse and War Correspondent.* **Ashley McNelis '11** (sponsor: Professor Kristina Wilson)

Innovation & Entrepreneurship Presentation

- 12:30-12:45** *One Green Roof.* **Harrison Bass '13 & Noah Greenstein '13** (sponsor: Professor Amy Whitney)

Psychology Presentations

- 1:00-1:20** *Effects of Active and Passive Exposure to heavy Metal Music on Young Adults' Moods.* **Amanda Fontaine '11** (sponsor: Professor Jeffrey Arnett)
- 1:30-2:20** *Athletic Participation in Bystander Intervention Program: Influence on Alcohol Expectancies and Use of Protective Strategies.* **Emily Corbett '11** (sponsor: Professor Denise Hines)

English Department Creative Writing Projects

- 2:30-3:00** *"Lakshmi: Narratives of a female suicide bomber."* **Chanchala Gunewardena '11** (sponsor: Professor Meredith Neuman)
- 3:00-3:30** *"The Statue."* **Zachary Solomon '11** (sponsor: Professor Meredith Neuman)
- 3:30-4:00** *Disconnections: A Chapbook of Poetry.* **Lee Gaines '11** (sponsor: Professor Jay Elliott)

VISUAL & PERFORMING ARTS

IN DISPLAY IN THE ABRAHMS GALLERY DISPLAY CASES

Paintings by Students in Painting II: Beyond the Surface.

Robin Cywar '14, Victoria Grogan '12, Levi Natkins '12, Anita Nyendwa '11, Riley Platt '14, Julia Powell '11, Saul Ramirez '14, Mary Rose Robbins '13, Miriam Ross '13 & Nicholas Usman '13 (sponsor: Professor Elli Crocker)

TRINA CENTER FOR THE ARTS

SCHILTKAMP GALLERY, 92 DOWNING STREET

9:00 am -7:00 pm *Visual & Performing Arts: Studio Art: Senior Thesis Exhibition*

This annual exhibition showcases the work by senior studio art majors who have undertaken senior thesis projects. This year the students are:

Jennifer Aballo '11, Idalina Abdo-Vieira '11, Katrina Beshears '11, Darcy Canter '11, Phoebe Cape '11, Scott Coffrin '11, Kristina Haglund '11, Julia Powell '11, Stephanie Richardson '11, Jessica Richland '11, Ann Rokosky '11, Amanda Schall '11, Alexander Swensen '11 (sponsor: Professor Toby Sisson)

Opening Reception: 5:00 pm—6:30 pm today, April 27, 2011

TRINA CENTER FOR THE ARTS

SCHILTKAMP GALLERY, 92 DOWNING STREET

2:00 pm -4:00 pm *Visual & Performing Arts Department: Photographers and Playwrights from "The Image and The Word" present their collaborative work.*

The students are: Maxie Kalish, Michelle Houle, Olivia Meny, Kate Rivers, Alexandra Tennant, Sean Morrow, Adam Kerchmann & Alex Kump.

Academic Spree Day Coordinator: Professor James Córdova

Staff Coordinator: Karen Wilber

