

## Mount David Summit Poster Presenters

Note: The number following each title indicates the location of the poster in the session

### 2:45 – 4:00 PM

### Poster Session I

Karl Alexander '12	The Oil Crisis in Nigeria and its Impact on the Nigerian Population (23)
Shana Bilech '10	The African Union Convention on Internally Displaced Persons and the Proposed Standards of International Human Rights (24)
Emma Bystrom '10	Effect of Cranberry, Blueberry, and Lingonberry Juice on Growth of <i>Staphylococcus saprophyticus</i> (7)
Anne Carlton '10	Developmental Arsenic Exposure Causes Sexually Dimorphic Alterations in Body Weight, Liver Histology, Blood Glucose, and Global DNA Methylation (4)
Elizabeth Casline '10	The Function of Non-Offspring Infant Carrying in Kanyawara Chimpanzees ( <i>Pan troglodytes schweinfurthii</i> ) (2)
Chester Chiao '13	Mapping Safe Landing Zones at Yosemite National Park (35)
Cora Chisholm '10	Cationic Cyclodextrins, Derivatized Cyclofructans, and (+)-(18-Crown-6)-2,3,11,12-tetracarboxylic Acid as Chiral Solvating Agents in NMR Spectroscopy (19)
Katherine D'Angelo '11	Ritual Use of Albinos in Tanzania (20)
Hannah Davidoff '10	The African Union Convention on Internally Displaced Persons and the Proposed Standards of International Human Rights (24)
Nicolas DeFrancis '10	The Origin of Cooperation: Modeling Behavioral Evolution on Graphs (51)
Molly Dilworth '10	The African Union Convention on Internally Displaced Persons and the Proposed Standards of International Human Rights (24)
Alexandra Disney '10	<i>Sangre de drago</i> : An Antibacterial and Antioxidant Tree Sap (6)
Vantiel Duncan '10	Haiti's Quest for Autonomy: Understanding the Sociocultural and Economic Effects through a Brief Survey of Caribbean Literature (31)
Ethan Emerson '12	IR Spectroscopy of Alkyl Phosphines (16)
Kate Fetrow '13	Male Dominance in Courtly Love in "The Saga of the Mantle" and "Lanval" (28)
Alyeska Fiorillo '10	Historical Land Changes of Lake Sunapee, NH (34)
Jillian Fogarty '10	Colonization's Effects on African Trade Routes (21)
Jillian Fogarty '10	The Issues behind the Civil War in Somalia and the Road to Renewal (22)
Alison Frye '10	The Effect of Teacher Education on Students' Environmental Knowledge in Primary Schools near Kibale National Park, Uganda (3)
Catherine Frye '13	Epidemics at Bates College (10)
Benjamin Gaffney '10	The Issues behind the Civil War in Somalia and the Road to Renewal (22)
Peter Garber '10	Synthesis and Exploration of Plasmonic Nanostructures (17)

**2:45 – 4:00 PM**

- Peter Goodwin '10 Changes in Grass Species Distributions in Sprague Marsh Correlated to Sea-Level Rise (43)
- Peter Goodwin '10 Thirty Years of Change in Vegetation Cover in the Greater Portland Area (42)
- Philip Greengard '10 The Dynamical Behavior of  $F(z)=z^n+C/z^n$  (50)
- Carolynn Harris '11 Stable Isotope Analysis of Archeological Bone Samples (46)
- Micaela Holland '11 Ritual Use of Albinos in Tanzania (20)
- Kyle Hutton '10 Protecting Piping Plovers in Maine (41)
- Daniela Jaeckel '10 Risk Aversion in East and West Germany (25)
- Nathaniel Johnson '10 MRSA at Bates (9)
- Elyse Judice '10 Historical Comparison of Migratory Fish Returns to the Connecticut River, CT, from 1967 to 2007 as a Result of the Growth of Dams (47)
- Elyse Judice '10 Stable Isotope Analysis of *Fundulus heteroclitus* and the Effectiveness of Ditch-Plug Restoration at the Sprague River Salt Marsh, Phippsburg, ME (48)
- Chomba Kaluba '10 Food for Peace: Breaking the Hunger -- Violence -- Hunger Cycle in Tanzania (27)
- Nathan Kane '11 Statistical Insight into the Meaning of U.S. Military Intervention in Pakistan (32)
- Kira Kramlich '10 The Issues behind the Civil War in Somalia and the Road to Renewal (22)
- Emma Krueger '10 Surface Chemistry of Cadmium Selenide (15)
- Andrew Laflam '10 Regulation of Alpha Operon r-proteins in *Synechococcus* Sp. (11)
- Elise Lang '10 Vitamin D and Calcium Education (8)
- Joshua Linscott '10 Translational Regulation of RpoS in *Borrelia burgdorferi* (12)
- William Loopesko '10 Base Mapping and Recording the Vegetation Zones, Wildlife Habitats, and Soil Types of the Harvey Ranch, Hutchinson County, TX (40)
- Sean McGowan '10 Analysis and Investigation of the Solar Chimney (55)
- Peter Miller '12 Bedrock Geological Map of Georges Islands, Muscongus Bay, ME (39)
- Jennifer Morse '10 Mapping the Devastating Effects of the Earthquake in Haiti (38)
- Jorie Ohlson '10 Ritual Use of Albinos in Tanzania (20)
- Alicia Orkisz '10 Haiti's Quest for Autonomy: Understanding the Sociocultural and Economic Effects through a Brief Survey of Caribbean Literature (31)
- Nola Palombo '10 Low Frequency Instabilities at High Injection Currents in a Vertical-Cavity Surface-Emitting Laser Subject to Isotropic Optical Feedback (53)
- Marilla Pender-Cudlip '10 A Mechanistic Inquiry into Partially Pure omega-Alkane Hydroxylase (18)

**2:45 – 4:00 PM**

- Ngoc Pham '10 The Development of a Method for the Kinetic Analysis of EMCV 3C Protease Catalytic Activity (14)
- Laura Poppick '10 Modern Sedimentary Processes Proximal to a Polythermal Tidewater Glacier Complex, Kronebreen/Kongsvegen, Kongsfjorden, Svalbard, Norway (49)
- Hannah Roebuck '10 Predictions of the Effect of Wetland-Type Soils on the Water Chemistry in the Lake Sunapee Watershed, NH (37)
- Amrita Roy '11 Developing a Fiber-Optics Experiment for Advanced Teaching Laboratory (54)
- Kurt Schuler '10 Creating an ArcGIS Map of the Mt. Abrams Ski Area (44)
- Kurt Schuler '10 Monitoring Sediment Transport at the Seawall Beach Complex, Phippsburg, ME (45)
- Navpaul Sidhu '10 Haiti's Quest for Autonomy: Understanding the Sociocultural and Economic Effects through a Brief Survey of Caribbean Literature (31)
- Lauren Slipp '10 The Role of Dynorphin in Mediating Opiate Withdrawal and Reinstatement in Rats (1)
- Benjamin Smeltzer '10 Nuclear Spins in the Diamond NV Center (52)
- Obichukwu Udeh '12 The Oil Crisis in Nigeria and its Impact on the Nigerian Population (23)
- Ketevan Vashakidze '11 Nonresidential Fixed Capital Investment (26)
- Sarah Vigne '12 Tolkien's Use of Consolation in The Lord of the Rings: Fairy-story as Elegy (29)
- Rebecca Waldo '11 Mapping the Northward Expansion of Bird Migration as a Result of Climate Change (33)
- Louis Watanabe '12 The Oil Crisis in Nigeria and its Impact on the Nigerian Population (23)
- Julia Wilson '10 The Effects of Perinatal Hyperoxia on the Expression of Neurotrophic Factor Receptors in the Rat Carotid Body (5)
- Ethan Yackulic '12 Locations, Degree of Difficulty, and Geologic History of the Bouldering Sites at Bradbury Mountain (36)

**4:30 – 5:45 PM****Poster Session II**

- Tiarra Abell '12 United States Involvement in Somalia (19)
- Julia Bedell '10 Shifts in the Sand: Mapping Fire Island's Erosion (13)
- John Berry '10 The Effects of Electrolytic Lesions of the Nucleus Accumbens Core on Nicotine-Induced Conditioned Taste Aversion (18)
- John Bladon '10 Locating Buccal Ganglion Neurons that Have Processes that Traverse the Esophageal Trunks through Nerve Back-Filling with Intracellular Tracers (26)
- Lindsay Blitstein '12 The Impacts of Tourism on the Economy of Tanzania (20)
- Adam Blythe '10 The Negative Priming Effect: Inhibition or Episodic Retrieval (40)
- Charlotte Brill '10 Exploring the Role of Platonic Cross-sex Friendship in an Alcohol-related Rape Scenario and in Alcohol Myopia (49)

**4:30 – 5:45 PM**

- Julia Caffrey '10 Modern-Day Samurai or the Dog of Society? Masculinity in Popular Representations of the Japanese Salaryman, 1994-2010 (1)
- Caylin Carbonell '12 The Impacts of Tourism on the Economy of Tanzania (20)
- Harita Dharaneeswaran '10 Confirmation and Localization of Cotransmitter Buccalin in the Central Neural Network that Underlies the Feeding Behavior of Pond Snails, *Helisoma trivolvis* and *Biomphalaria glabrata* (25)
- Emily Egan '13 The Achievement Gap (5)
- Kate Eisenpress '10 How Conservative Media Derailed Liberal Health Care (4)
- Elizabeth Ellman '10 The Effect of Extended Contact on Reducing Prejudice in Children (36)
- Jenna Finegold '10 The Perception of Sanctioned Bias and Its Effect on Hiring Decisions (33)
- Briana Gerrish '10 Effect of Ingroup Identification on Threats to Belief in a Just World (30)
- Cosmin Ghita '12 Investigating Political Apathy in Romanian Youth (6)
- Kelly Gollogly '10 How Stereotype Threat is Affected by Gender Identification as Measured by the BSRI (42)
- Munroe Graham '13 Does Your Government Protect Your Freedoms? (3)
- Eric Grodman '10 Male Body-Image Dissatisfaction: Increased Feelings of Weakness and Body Discontent Following Failure to a Female on a Task (41)
- Christine Grover '10 The Telling Room: How a Nonprofit Writing Center Affects the Self-Efficacy, Classroom Engagement, and Literacy Skills of Students in an ELL Biology Class at Portland High School, ME (46)
- Melanie Harkins '10 The Moderating Effect of Money on Mortality Salience and Conforming to Worldviews: Is Money Enough? (32)
- Whitney Harrison '10 The Use of Self-Monitoring to Decrease Inappropriate Behaviors in an Academic Setting (50)
- Zachary Harwood '10 Sport Fandom and Personality (45)
- Benjamin Hester '10 Reflections about Frontier Identity through People Living in Mexican-American Border Lands (7)
- Stephanie Houle '10 The Bates Home Front: The Implications of World War II on Bates Coeds (2)
- Ilya Kashtelyan '10 Personality Moderators of Attributional Bias: Need for Cognition, Attributional Complexity, and Preference for Dialectical Reasoning (35)
- Jennifer Kress '12 Hutu Women's Role Both in the Genocide of the Tutsis in Rwanda and in Its Rehabilitative Aftermath (21)
- Emily Kuehn '10 The Selective Role of Cognitive Control in Utilitarian Decision Making (28)
- Kristin LaConte '10 Communication Dynamics between Well Parents and Children During the Loss of a Second Parent Due to Terminal Illness (54)
- Rebecca Lange '10 PCP-Induced Behavioral Changes in the Hole-Board Apparatus as a Rat Model of Schizophrenia: The Role of the Metabotropic Glutamate 5 Receptors (24)

**4:30 – 5:45 PM**

Nancy Lappetito '10	College Students: Athletic Identity, Alcohol, and Sustaining an Athletic Injury (47)
William Loopesko '10	Comparing Judicial Systems for the 1994 Genocide in Rwanda (22)
Sallie Mack '13	Comparing Judicial Systems for the 1994 Genocide in Rwanda (22)
Elizabeth Martin '10	Are You Tough Enough: The Relationship between Athletic Status, Athletic Identity, Gender, Gender Roles, and Toughness with Pain Tolerance (44)
Julie McCabe '12	Comparing Judicial Systems for the 1994 Genocide in Rwanda (22)
Jacob McIntosh '13	Hutu Women's Role Both in the Genocide of the Tutsis in Rwanda and in its Rehabilitative Aftermath (21)
Justin Medeiros '10	A Mediation Examination of the Relationship between Transformational Leadership Behaviors and Athlete Self-Efficacy (39)
Russell Milholland '10	Baseline GPS Mapping of the South Pond Preserve, Buckfield, ME (11)
Courtney Mitchell '10	The Effect of Affirming Relational Selves on Replenishing Self-Regulation (31)
Ashleigh Musser '10	Burundi and Rwanda: A Comparison of Conflicts between Hutus and Tutsis and Where the Countries Are Today (23)
Alicia Orkisz '10	United States Involvement in Somalia (19)
Judson Peck '11	Tourism's Effect on Cultivated Land, Rangeland, and Forested Land on Mount Everest (9)
Christine Roemer '10	The Potency of Anticipatory Regret within the Ultimatum Game (34)
Daniel Rosenzweig '10	A Look into the Unknown: Viral, Autoimmun, and Nonspecific Encephalitis (29)
Lindsey Scherer '10	Longitudinal Investigation of Cancer Treatment-induced Dorsolateral Prefrontal Cortex Volumetric Changes Affecting Working Memory Performance (27)
Emma Scott '10	Burundi and Rwanda: A Comparison of Conflicts between Hutus and Tutsis and Where the Countries Are Today (23)
Shawn Sendar '10	Promoting Cultural Awareness among Adolescents: A Service-Learning Experience with the Civil Rights Team (37)
Lauren Shapiro '10	The Effects of D-cyloserine on Extinction and Reinstatement of a Morphine-Induced Conditioned Place Aversion (16)
Matthew Sherburne '10	The Role of Self-Efficacy in Fruit and Vegetable Consumption: "Eat Your Colors" (48)
Navpaul Sidhu '10	United States Involvement in Somalia (19)
Scott Sinisgalli '10	The Effect of Cognitive Dissonance, Fear Induction, and Point of View on Driving Attitudes and Behavior (53)
Haley Sive '12	Dams for Towns: The Stagnation of Farming Culture in Delaware County, NY (10)
Laura Smith '10	The Effect of a Mood Induction on the Emotional Stroop Task (55)
Mark Stehlik '10	The Origins and Costs of the Fruits Served throughout the Year in Bates' Dining Hall (12)

**4:30 – 5:45 PM**

Allison Stiles '10	Enhancing Preschoolers' School Readiness through Structured Dramatic Play (52)
Hans Tobiason '10	Eyewitness Interview Directions (38)
Eleanor Torrey '10	Hutu Women's Role Both in the Genocide of the Tutsis in Rwanda and in Its Rehabilitative Aftermath (21)
Lila Totino '10	The Effects of Environmental Infantilization on Perceptions of the Elderly (43)
Emily Treat '10	The Experiences of Adolescents with Parents Deployed in the Military (51)
Benjamin Trook '10	Burundi and Rwanda: A Comparison of Conflicts between Hutus and Tutsis and Where the Countries Are Today (23)
Helena Turner '10	Levodopa-Induced Dyskinesia: Development and Treatment in a 6-OHDA Rat Model of Parkinson's Disease (17)
Edward Wells '13	The Impacts of Tourism on the Economy of Tanzania (20)
Emma White '11	The Absence of AKAP-7 Interferes with the Ability of the Cardiac Muscle Cells to Contract (15)
Andrew Wood '11	Jogging Routes: GIS Mapping of Five Loops in Lewiston, ME (8)

**4:30 – 5:45 PM****Poster Session III**

Arjada Bardhi '12	Cultural Influences on Behavior in the Ultimatum Game (5)
Katherine Bernier '11	Nice, Provocable Strategies: The Iterated Prisoner's Dilemma and the Evolution of Cooperation (7)
Mohamed Cader '11	The Handicap Principle: Costly Signaling and Why It Evolved (2)
Rachel Carlson '11	Nice, Provocable Strategies: The Iterated Prisoner's Dilemma and the Evolution of Cooperation (7)
Miles Davee '11	The Handicap Principle: Costly Signaling and Why It Evolved (2)
Casey Dropkin '12	Evolutionary Game Theoretic Explanations for Animal Conflict and Cooperation (3)
Michael Evans '10	An Evolutionary Game Theoretic Approach to the Optimum Tax Rate (8)
Ian Gilchrist '11	Applications of Evolutionary Game Theory to Vaccination Strategies (6)
Neal Goldberg '12	Applications of Evolutionary Game Theory to Vaccination Strategies (6)
William Hines '11	Applications of Evolutionary Game Theory to Vaccination Strategies (6)
Tasnia Huque '12	The Handicap Principle: Costly Signaling and Why It Evolved (2)
Justin Johal '13	How Cooperation Can Help Prevent Major Disasters (4)
Mert Karakus '11	An Evolutionary Game Theoretic Approach to the Optimum Tax Rate (8)
Ramona Lapadus '10	Voluntary Charitable Contributions and Nonprofit Capital Structure: An Evolutionary Game-Theoretic Perspective (1)

**4:30 – 5:45 PM**

Dae Ro Lee '11	The Handicap Principle: Costly Signaling and Why It Evolved (2)
Sophie Leonard '12	Evolutionary Game Theoretic Explanations for Animal Conflict and Cooperation (3)
Sean McGhee '12	How Cooperation Can Help Prevent Major Disasters (4)
Bradley McGraw '10	Applications of Evolutionary Game Theory to Vaccination Strategies (6)
Ngoc Ngo '12	Cultural Influences on Behavior in the Ultimatum Game (5)
Michael Rashkov '11	An Evolutionary Game Theoretic Approach to the Optimum Tax Rate (8)
Eammon Riley '11	Nice, Provocable Strategies: The Iterated Prisoner's Dilemma and the Evolution of Cooperation (7)
Lirong Tan '11	Cultural Influences on Behavior in the Ultimatum Game (5)
Emily Tato '12	Evolutionary Game Theoretic Explanations for Animal Conflict and Cooperation (3)
Elliott West '13	How Cooperation Can Help Prevent Major Disasters (4)
Nina Wolf '12	Evolutionary Game Theoretic Explanations for Animal Conflict and Cooperation (3)
Tianjiao Yan '11	Cultural Influences on Behavior in the Ultimatum Game (5)