

Mount David Summit Poster Presenters

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

1:30 - 3:00 PM	Poster Session I	Board #
John Borchert '12	Transcriptional Regulation of <i>Borrelia burgdorferi</i>	(22)
Ashley Brooks '14	The Growth Rates of the Surf Clam, <i>Spisula solidissima</i> , from the Mid-Atlantic Bight for over 66 Years	(11)
Rebecca Clark '12	Diamagnetic Lanthanide Complexes as Chiral NMR Discriminating Agents	(28)
Sarah Cleary '12	Antioxidant Activity of Phenylpropanoid Glycosides	(13)
Casey Dropkin '12	Exploring Gene Regulation in <i>Borrelia burgdorferi</i> with Microfluidics	(23)
Ethan Emerson '12	Cinchonidine Derivatives as Chiral Solvating Agents in NMR Spectroscopy	(30)
Owen Funk '12	Ribosomal Binding Site Strength in <i>Borrelia burgdorferi</i>	(24)
Samuel Grandgeorge '12	Effects of Carotid Body Inhibition on Ventilatory Control of Rats Reared in Chronic Hyperoxia	(6)
Samuel Gretz '12	Synthetic Studies of Koshikalide	(15)
Luke Harmeling '12	Metabolism in Hyperoxic Neonatal Rats	(4)
Jasmin Hernandez '12	Materials for Photoelectrolyze of Water	(14)
Benjamin Horn '12	Perfecting the Use of Sonogashira Coupling in the Synthesis of A Spiroketal Enol Ether	(17)
Jessica Howard '12	Enantiomeric Discrimination of Isoxazoline Fused B-amino Acid Derivatives Using (18-crown-6)-2,3,11,12-Tetracarboxylic Acid as a Chiral NMR Solvating Agent	(29)
Amy Johnston '12	Growth Rate and Shell Analysis of <i>Patella vulgata</i> (the Common Limpet) from the Sandwick South Site, Unst, Shetland Islands, UK	(10)
Carolyn Kussmaul '12	Trimethoprim and Sulfamethoxazole Resistance in Uropathogenic Isolates of <i>Staphylococcus saprophyticus</i>	(3)
Kelley Madden '12	Transcriptional Regulation of <i>Borrelia burgdorferi</i>	(22)
Colby Maldini '12	The Use of Interfering RNA to Evaluate the Ubiquitin Mediated Degradation of the EMCV 3C Protease in vivo	(25)
Lesley Mo '12	The Effects of Oxidative Stress on Metallothioneins	(16)
Swe-Htet Naing '12	Purification of omega-alkane Hydroxylase (AlkB) from <i>Alcanivorax borkumensis</i> and Probing Its Mechanism of Action	(18)
Giang Nguyen '12	Effect of Chronic Hyperoxia on Metabolism of Neonatal Rats	(5)
Tessa Pals '12	Synthesis of Ashitabaol A	(19)
Saba Parvez '12	Purification of ω-alkane Hydroxylase (AlkB) from <i>Alcanivorax borkumensis</i> and Probing Its Mechanism of Action	(18)
Vanessa Robinson '12	An siRNA Investigation on Sos Regulation in NRas Mutant Melanoma	(8)

Van Sandwick '12	Microsatellite Analysis of <i>Ambystoma jeffersonianum</i> : An Exploration of Metapopulation Genetics in Jefferson Salamanders	(2)
1:30 - 3:00 PM	Poster Session I	Board #
Andrew Scichilone '12	Comparative Analysis of Genetic Variation within Single Populations of <i>Ambystoma maculatum</i> , <i>Ambystoma jeffersonianum</i> , and <i>Rana sylvatica</i> Found in an Isolated Vernal Pool	(1)
Saya Srisamart '12	Seasonality of Drinking Place Brook Site, Vinalhaven, ME, Based on Margin Analysis of Archaeological Tomcod Otoliths	(9)
Emma Stevens-Smith '12	Identification of Ribosomal S6 Kinase 2 (RSK2) Nuclear Localization Sequence	(7)
Angela Su '12	Lead Interactions with Metallothionein-3	(20)
Katherine Thorn '12	Site-Directed Mutagenesis of EMCV 3C Protease: The Role of the Ubiquitin Proteasome System in Viral Replication and Infectivity	(27)
Shannon Walsh '12	Purification of Ubiquitin-Protein Ligases that Recognize 3C Picornaviral Proteases	(26)
Roya Yavari '12	Modification of a Plasmid-Based Shuttle Vector for the Study of Transcription and Translation Regulatory Mechanisms in <i>Borrelia burgdorferi</i>	(21)
Kristy Zera '12	A Comparison of the $\delta^{13}\text{C}$ Stable Isotopes and Trace Mineral Concentrations of Modern and Archaeological <i>Mya arenaria</i> Shells from the Turner Farm Midden and nearby Mudflats on North Haven Island, Penobscot Bay, ME	(12)
3:15 - 4:30 PM	Poster Session II	
Hunter Archibald '12	Building a Better Solar Cell: An Investigation of the Surface Chemistry of CdSe Nanocrystals with IR Spectroscopy	(5)
Daniel Aupi '12	Attenuation of Morphine-Induced Locomotor Sensitization by Minocycline	(25)
Thomas Baroni '14	Y'en a Marre (Enough is Enough): The African Spring in Senegal	(13)
Alexander Barton '12	Contested Landscapes: A Political Ecology of Landscape Identity in the Lowcountry of South Carolina	(21)
Camden Black-Ingersoll '15	Y'en a Marre (Enough is Enough): The African Spring in Senegal	(13)
Chike Cole '15	The War on Oil: Why Women in the Niger Delta Were Willing to Bare All for Justice	(17)
Brenna Callahan '15	Turning Soldiers into Children: Reintegration and Renewal of Child Soldiers in Post-War Sierra Leone	(12)
Elizabeth Carleton '12	Incubation of Nicotine Craving as Evidenced by Locomotor Sensitization	(26)
Benjamin Chebot '12	Annual Timing of Growth Line Deposition and Comparative Growth Analysis of Modern and Archaic <i>Mya arenaria</i> from the Penobscot Bay Region, Maine	(3)
Shlesma Chhetri '12	AIDS and Culture in India	(22)
Molly Brown '15	The War on Oil: Why Women in the Niger Delta Were Willing to Bare All for Justice	(17)
Leah Cole '12	Rethinking the War on Drugs in the United States	(20)
Peter Corcoran '12	Investigating Alpha Operon mRNA Segments Present in <i>Synechococcus</i> Strain cc9311: Implications on Translational Similarities to <i>Escherichia coli</i>	(6)

Edward Donaldson '15	Turning Soldiers into Children: Reintegration and Renewal of Child Soldiers in Post-War Sierra Leone	(12)
Ian Dulin '13	New Evidence of a Post-Laurentide Local Cirque Glacier on Mount Washington, NH	(8)
3:15 - 4:30 PM	Poster Session II	Board #
Thomas Finkenstaedt '12	Interventions to Reduce Excessive Drinking in College Athletes: A Meta-Analysis	(28)
Claire Gittleman '12	A Comparative Study of Street Art among the Marginalized and Oppressed	(23)
Munroe Graham '13	The Other Side: Identity of the <i>Resistencia Nicaraguense</i>	(19)
Jacob Hershey '12	CdSe - Surfactants and Surface Chemistry	(4)
Jordan Lupo '13	Ghana's Young Voices: An Investigation into Child Trafficking	(15)
Haley Manchester '12	Low-dose Developmental Arsenic Exposure Alters Carcinogenic and Diabetogenic Gene Expression in Male Mice	(2)
Talia Mason '15	Ghana's Young Voices: An Investigation into Child Trafficking	(15)
Lucas Matarazzo '14	Y'en a Marre (Enough is Enough): The African Spring in Senegal	(13)
Ilana Meyer '15	Ghana's Young Voices: An Investigation into Child Trafficking	(15)
Heather Monty '14	The War on Oil: Why Women in the Niger Delta Were Willing to Bare All for Justice	(17)
James Moody '12	Y'en a Marre (Enough is Enough): The African Spring in Senegal	(13)
Brooke Morse-Karzen '12	The Influence of Attributional Style on Symptom Expression	(29)
Jessica Nichols '15	Turning Soldiers into Children: Reintegration and Renewal of Child Soldiers in Post-War Sierra Leone	(12)
Matthew Record '14	Ghana's Young Voices: An Investigation into Child Trafficking	(15)
Isaiah Rice '15	Turning Soldiers into Children: Reintegration and Renewal of Child Soldiers in Post-War Sierra Leone	(12)
Hamilton Wood '15	Somali Piracy: A Response to Environmental Injustice	(18)
Rebecca Salzman-Fiske '14	Somali Piracy: A Response to Environmental Injustice	(18)
Elizabeth Sonshine '12	Characterizing Organic Carbon in Sedimentary Cores from <i>Zostera Marina</i> beds, Maquoit Bay, Gulf of Maine	(7)
Christopher Speers '12	The War on Oil: Why Women in the Niger Delta Were Willing to Bare All for Justice	(17)
Cody Tracey '15	Somali Piracy: A Response to Environmental Injustice	(18)
MacKenzie Vile '12	A Cross-Cultural Belief in Emotional Residue	(24)
Keller Wilson '12	Social Networking and College Students' Perceptions of Infidelity	(27)

Nina Wolf '12	A Mathematical Model of the Fall 2009 H1N1 Pandemic at Bates College	(10)
Lydia Rubenstein '15	Somali Piracy: A Response to Environmental Injustice	(18)
Ethan Yackulic '12	A Multi-Proxy Analysis of Human Disturbances on a Forested Watershed, Trout Pond, Lyme, NH	(9)
4:45 - 6:00 PM	Poster Session III	Board #
Arita Balam '12	Experiencing Difference on Campus	(15)
Arjada Bardhi '12	Two Essays on the Optimal Control of Infectious Diseases: Examining Discrepancies Between Discrete-time and Continuous-time Models	(2)
Anne Burns '12	How Participant Gender and Arousal Affect Choices of Sexual and Emotional Infidelity	(16)
Lorena Bustamante '12	When Only I Know: The Effects of Asymmetrical Access to Evidence on Investigator-Eyewitness Interactions	(9)
Christopher Calahan '12	Egestive Motor Output in the Pond Snail, <i>Helisoma trivolvis</i> , Investigated through Buccal A Cluster Cells and Phase I & III Motor Neurons	(28)
Deniz Dolcen '13	Characterization of S1 Interneurons and Their Roles in the Modulation of Phase 2 and 3 of the Pond Snail, <i>Helisoma trivolvis</i> , Feeding Pattern	(26)
Brigid Dunn '12	Reducing Household Water Consumption in the Arid Southwest: Targeting the Consumer through Regulation, Incentives, and Educational Programming	(7)
Jacqueline Easton '12	Parental Decision Making in regard to Care and Education for a Child with Autism and the Resulting Post-Decision Feelings	(21)
Kristen Finn '12	The Effects of Repeated Administrations of MK-801 Following Memory Reactivation of a Morphine Withdrawal-Induced Conditioned Place Aversion	(11)
Christina Gee '12	Paper vs. Electronic	(6)
Joanna Goldin '12	Bates' Community Involvement and Its Potential Influence on College Aspirations	(4)
Meredith Greene '12	Moral Licensing and Compensation in Public and Private Domains	(13)
Andrew Kageleiry '12	Macroeconomic Conditions and the Utilization of Preventive Medical Services	(3)
Allison Kamm '12	A Volumetric Analysis of the Amygdala as Related to Emotional Intelligence	(18)
Cameron Kaubris '15	African Perspectives on White Saviors in Cinema	(8)
Ryan Katon '12	African Perspectives on White Saviors in Cinema	(8)
Abigail King '12	Low-Dose Arsenic Toxicity Early in Development Impairs LTP in Mice via CamKII	(29)
Kara Leasure '12	Neuropeptide Phenylalanine (NPF) Induced Modulation of Phase 1 Feeding Behavior through Excitation of Buccal A Cluster (BAC) Neurons in The Pond Snail, <i>Helisoma trivolvis</i>	(25)
Nicholas Marinakis '12	The Effects of Repeated Administrations of MK-801 Following Memory Reactivation of a Morphine Withdrawal-Induced Conditioned Place Aversion	(12)
Olivia Moody '12	Stimulatory Effects of Small Cardioactive Peptide B (SCPb) on the Third Phase of Feeding in <i>Helisoma</i>	(27)

Shauna Mulvihill '12	Show Me the Money: Drivers of Container Recycling	(1)
Patricia Noto '12	A Proposal for an Educational Student Farm at Bates College	(5)
Lucy O'Keefe '12	The Effect of a Selective GABA _A Inverse Agonist on Symptoms of PCP-Induced Schizophrenia	(10)
Connor Pacala '12	Counting the Bars: An Analysis of Two Competing Theories for Grouping in the Standing Wave Illusion	(23)
Shachi Phene '12	The Effect of Mortality Salience and Psychological Distance on Charitable Donations	(17)

4:45 - 6:00 PM

Poster Session III

Board #

Philip Scott '12	Holistic Processing of Words	(24)
Kate Stillman '12	The Immediate Effects of Vinyasa-Style Yoga on Attention	(22)
Hillary Throckmorton '15	African Perspectives on White Saviors in Cinema	(8)
Vanessa Truglio '12	The Effect of a Teacher-led Extended-Contact Intervention on Prejudice Reduction in Elementary School Children	(14)
Kathleen Walker '12	The Effect of Childhood Adversity on Memory Function	(19)
Ryan Weston '12	African Perspectives on White Saviors in Cinema	(8)
Helen Yuan '12	Individual Differences that Might Moderate Whether Anger Is Approach Versus Avoidance	(20)