

## Poster Presenters

**2:45-4:00 PM**

### Poster Session I

Sarah Abbott '06, Rachael Levitz '06 and Samantha Piro '05	Equine Pastern Dermatitis: A Look into the Varied Causes of This Common Infection
Tabitha Abrazinski '06	Annotating the Putative Arylsulfatase Gene, <i>sul-1</i> , in <i>C. elegans</i>
Christine Anderson '06	Assessing Mortality Data Using Survival Analysis and Logistic Regression
Rashel Burton '07, Kate Russell '06, and Katharina Unger '06	Inhibition of Oxidative Phosphorylation in Cauliflower Mitochondria by Weed-B-Gon (2,4-D)
Meghan Cochrane '06	Autoimmunity to Type V Collagen and Lung Allograft Rejection in Miniature Swine
Sorina Crisan '07, Kathleen Hluchyj '06, Christina Jones '07, Sophie Mann '08, Lois St. Brice '07, Caitlin Tamposi '08 and Rebecca Westlake '07	Visions of Morocco
Emily Davie '06	Investigations into Putative Dioxin Response Elements Upstream of Beta-Adrenergic Genes
Jonathan Duchette '06	Surficial Materials Mapping of the Buckfield 7.5' Quadrangle and the Deglaciation and Late Wisconsinan History of the Martin Stream Valley, Androscoggin County, Turner, Maine
Brian Dupee '06	The Effect of Baitworm Digging and Epibentic Predation on the Growth and Survivorship of the Soft-Shell Clam <i>Mya arenaria</i> and on the Abundance and Diversity of Soft-Sediment Infauna
Megan Germscheid '06	The Interactions of the Non-coding RNA DsrA, the mRNA RpoS, and the Ribosomal Protein S1
Susan Hawes '08	Lewiston Adult Learning Center and Bates College Collaboration: Public Health Curriculum for English Speakers of Other Languages (ESOL) Classrooms
Bernard Herlyn '06	Cuban Exiles and Anti-Castro Groups

Tuyet-Mai Hoang '09, Khoa Pham '07, and Tien Tsan '09	VietAbroad Conference: Take Bates to the World, Bring the World to Bates
C. Colin Hollister '06	Heavy Metal Concentrations in Soil Surface Layers of Acadia National Park, Maine
Seth Hubbard '06	Lead Deposition over the Last 200 Years in Three Western Maine Lakes
Margaret Joyce '06	When Nails Don't Hang: An Examination of How Jesus Hung on the Cross
Rachael Levitz '06	A Review of Juvenile Rheumatoid Arthritis: Why Methotrexate Is Still in Use
Sarah Mazur '06	A Sedimentological Record of Climate Change in the Quendale Region of the Shetland Islands, UK
Jacob McChesney '08	Macbeth: The Man behind Shakespeare's Myth
Kristin McCurdy '06	Three-Dimensional Thermal Investigations of Acadian Tectonic Models Constrained by Geochronology in Central Maine
Noah Miller '06	A Mineralogical Study of the Sebago Batholith
Erika Millstein '07	The Effects of Commercial Baitworm Digging for <i>Glycera dibranchiate</i> on Intertidal Soft-Sediment Communities in Maine
Nicole Moraco '06	Structural and Functional Effects of Prenatal Arsenic Exposure on the Developed Cardiovascular System
J. Brooks Motley '06	Sedimentation in Linnévatnet, Svalbard, a Modern Process Study Using Sediment Traps
Tanya Nauvel '06	Independent Component Analysis, a New Way of Analyzing EEG Data
Katharine Nolan '06	Evidence for Arctic Climate Change Based on the Growth Rates of Modern and Fossilized <i>Hiatella arctica</i> and <i>Mya truncate</i> from Svalbard
Toshiko Odaira '06	The Effects of Cranberry Juice on the Biofilm Formation by <i>Staphylococcus saprophyticus</i>
Lauren Perreault '06	Mineralogical Analysis of Source Sediments to Linnévatnet, Spitsbergen, Svalbard: Implications for Late Holocene Climate Change

Hallie Preston '06	Phosphorus Cycling in Gulf Island Pond
Jesse Robbins '06	The Value of the Kennebec River Fishery Post-Edwards Dam
Karl-Gustav Rueggeberg '06	Inhibition of RSK 1 Activity by Aspirin, Salicylic Acid, Benzoic Acid, and the Overall Effects on Cancer Cell Growth
Kate Russell '06	Chronic Intermittent Hypercapnia Does Not Alter Ventilatory Responses of Newborn or Adult Rats
Ryo Sakai '06	Synthetic Non-coding RNAs and Translational Regulation of RpoS
Alison Schwartz '08	Mary Queen of Scots: A Personification of Scotland as a Whole?
Katie Seamon '06	Texaco <i>Nunca Más</i>
Rachel Sorlien '06	Cultural and Political Conflict in the Construction of the Ralco Hydroelectric Dam, Chile
Nathaniel Stambaugh '06	Electron Waves in Nanoparticles
David Thomazy '07	Linewidth Narrowing by Optical Feedback in a Multi-Mode Vertical-Cavity Surface-Emitting Laser
Lucia Tiererova '06	Strange Attractors behind Financial Market Returns
Danielle Touhey '06	Effect of Cranberry Juice on <i>Staphylococcus saprophyticus</i> Urease Activity in Urinary Tract Infections
Katharina Unger '06	Substrate Recognition in the Ubiquitin-Proteasome Pathway
Sarah Wilson '06	A Hedonic Property Valuation on the Kennebec River: Did the Removal of the Edwards Dam Affect Property Values?
Andrea Wolf '06	Aymara Textiles: Where Tradition and Modernity Meet
Jin Zhang '06	Evaluation of the Role of the N-terminal Amino Acid in HAV 3C Protease Susceptibility to Ubiquitination

**4:30-5:45 PM**

**Poster Session II**

Gabriel Belsky '06	Is Negative Priming Dependent on Prime-Trial Interference?
Jenna Benson '06	The Cycle of Violence and the Androscoggin Children's Advocacy Center
William Boe-Wiegaard '06	The Development of Anti-HIV Fullerene Derivatives
Siena Calabro '06	Effects of SR141716, a CB1 Receptor Antagonist, on the Establishment and Expression of Locomotor Sensitization to Nicotine Administration
Devon Carroll '06	Strategies Used for Appetite Suppression among College Females
J. Matthew Chudomel '06	Dimerization Properties of Chiral Solvating Agents
Allison Coville '06	Early-Onset Bipolar Disease: Developmental Pathways to Expressed Emotions in Parents
Shelly Davgun '06	Molecular Characterization and Pharmacological Analysis of <i>Helisoma trivolvis</i> Glutamate Receptors Hel-GluR1 and Hel-GluR7
Matthew DeFina '06	Cloning a Glutamate Receptor from the Mollusk <i>Biomphalaria glabrata</i>
Jessica Edgerly '06	Trophic Role of the Invasive Crab <i>Carcinus maenas</i> in a Southern Maine Marsh Described by Stable Isotopes and Gut Contents
Sam Golden '06	The Role of Extracellular-Signal Regulated Kinase (ERK) in the Nucleus Accumbens on Nicotine-Induced Behavioral Sensitization in the Rat
Joanna Good '06	The Effects on Daily Physical Activity through the Use of a Pedometer-Based Motivational Interviewing Program within a Primary Care Setting
Lisa Guy '06	A Look at the Health Benefits of Art Therapy
Amanda Harrow '06	Interventions for Young Children Who Have Witnessed Domestic Violence

John Harvey '09, Christina Knobel '09 and Anna Levy '09	Museum Lewiston/Auburn Brochures
Meghan Helliesen '06	From Buzzing Confusion to Jealousy and Empathic Concern: Reexamining Emotional and Social Development in Infancy
Marie Hemmelgarn '06	Cognition and Decision Making
Tamotsu Hirai '06	The Competitive Interaction of Sigma 32 with DnaJ, DnaK, FtsH and Core RNA Polymerase in <i>Escherichia coli</i>
Ross Ingham '06	Imitative Actions: The Effects of an Imitative-Based Curriculum
Anna Jarashow '06	Evaluation of a Women's Drop-in Center
Jordan Keeler '06	Female Sexual Dysfunction and Communication in College Relationships
Hannah Lund '06 and Anne Whiting '06	The Relationship between Sleep Quality, Mood, Stress, and the Cortisol Awakening Response (CAR) in College Women
James Maldonis '06	Identification of Contact Points between Cross-Linked ncRNA DsrA and <i>E. coli</i> S1 Ribosomal Protein
Zachary Mueller '06	The Nature of Male Competition
Ryan O'Connor '06	How Much Money Buys Happiness? A Study of Adolescent Mental Health across Wealth Levels
Meghan O'Dowd '06	Language and the Dialectical Self: An Extension of Cultural Priming
Brad Oriel '06	Independent and Synergistic Modulation of Adenosine and Dopamine Receptors Improves Forepaw Stepping in a 6-OHDA Parkinsonian Rat Model
John Pambianchi '06	The Effects of Social Support and Gender Differences in Motivation during the Recovery Process of Athletic Injury
Daniel Pitts '06	Synthesis of Disaccharides by Conjugate Addition
Allegra Poggio '06	Conformity in Mock Jury Deliberations: The Impact of Task Difficulty, Defendant's Race, and Race Salience

Catherine Reedy '06	Site of Therapeutic Action for Caffeine in an Animal Model of Parkinson's Disease
Ari Rosenberg '06	Mindfulness-Based Intervention within College Students Identified as Feeling Depressed, Anxious, and/or Stressed
Elizabeth Santy '06	Disney Princesses and the Female Stereotype
Elizabeth Scannell '07	Characterization of Glutamate Receptors in the Buccal Neurons of <i>Helisoma trivolvis</i>
Melissa Simones '06	Gender Differences in College Aspirations
Anna Skeelee '06	The Effects of Camp Images on a Person's Materialism
Andrew Stowe '06	Vocalizations of the Saltmarsh and Nelson's Sharp-Tailed Sparrows: Correlating Social Interactions and Reproductive Stages with Changes in Singing Rate
Erika Tanaka '06	The Effects of Adolescent Nicotine Consumption on the Risk of Subsequent Adult-Onset Schizophrenia in an Animal Model
Shannon Tully '06	The Effects of Nicotine on the Cognitive Symptoms of Schizophrenia in the Phencyclidine Animal Model
José Gabriel Tungol '06	Melatonin in Treatment of Depression
Julie Yeterian '06	Meaninglessness on the Cosmic Scale: Does Insignificance Salience Affect Defense of Cultural Worldviews?
Benjamin Yoon '06	Physiological and Pharmacological Characterization of Glutamate Receptors on B5 and B19 Buccal Ganglion Neurons of <i>Helisoma trivolvis</i>