

**Academic Excellence Conference  
Lloyd P. Young Student Center**

**8:45-9:10 Registration – Atrium – 1<sup>st</sup> floor**

**9:15-9:30 Mabel Brown Room - 2nd floor**

**Welcome**

**Robert Golden, Vice President for Academic Affairs**

**Corinne Kowpak, Vice President for Student Affairs**

**Ann Rancourt, Chair, Academic Excellence Conference Committee**

**9:35-10:05 Madison Street Lounge – 1<sup>st</sup> floor (Workshop)**

Understanding the Importance of Character Education in a Professional Setting

Amy Warren, Adam Ramsdel

Physical Education

Linda Millard – Faculty Sponsor

**Room 307 – 3<sup>rd</sup> floor (Oral)**

The Use of Markov Chains in Predicting the Outcome of Basketball Games

Sarah Nordle

Mathematics

Joe Witkowski – Faculty Sponsor

**Room 308 -3<sup>rd</sup> floor (Oral)**

The Supreme Court Questions the Future of Environmental Regulations

Katie Nightingale

Safety and Environmental Studies

Melinda Treadwell – Faculty Sponsor

**Room 309 - 3<sup>rd</sup> floor (Oral)**

The Effects of Water Restriction on the Slug *Limax maximus*

Todd Pinsonneault

Biology

Renate L.E. Gebauer, Susan Whittemore – Faculty Sponsors

**Mountain View Room --3<sup>rd</sup> floor (Oral)**

Interpersonal Communications Over Several Generations

Katherine Maggs

Communication

Tara Stuart – Faculty Sponsor

### **Lantern Room –1<sup>st</sup> floor (3 Poster Presentations)**

Using Oxygen Isotope Analysis to determine Groundwater Recharge from the Ashuelot River

Destiny Saxon, Johanna Lindberg

Geology

Tim Allen – Faculty Sponsor

Stopping the Violence Before it Starts: Conflict Resolution Skills for Elementary School Students and Teachers

Patricia Otto

Communication/Education

Rita Miller – Faculty Sponsor

The Study of Semiotics as Applied to Archery

William Kittredge

Art/ Graphic Design

Marsha Hewitt – Faculty Sponsor

### **10:10-11:10 Concurrent Panel Discussions**

#### **Room 307 – 3<sup>rd</sup> floor**

Community Nutrition: Service Learning in Action

Tammy Ricker, Amy Trom, Hailey London, Amie Stephens, Ryann Tilton,

Sarah Hoffman

Dietetic Internship

Pam Smith – Faculty Sponsor

#### **Room 308 – 3<sup>rd</sup> floor**

Psychology of the Holocaust

Jeremy Mish

Maegan Taylor

Psychology

Gerry Lenthal – Faculty Sponsor

#### **Room 309 – 3<sup>rd</sup> floor**

Alice Walker's Keys to Survival

Marianthe Leuchs, Kate Demers, Carrie Desilets

English

Anne-Marie Mallon – Faculty Sponsor

**Madison Street Lounge – 1st floor**

Women and Crime  
Carol Condon, Melissa Allen, Maureen Desmaris, Kim Stone, Heather Werner  
Sociology & Education  
Kathleen Johnson - Faculty Sponsor

**Mountain View Room – 3<sup>rd</sup> floor**

Relationships of Power in Early American Literature  
James Berkey, Eliza Sieswerda, Mark Long  
English  
Mark Long – Faculty Sponsor

**11:15-11:45 Room 307 –3<sup>rd</sup> floor (Workshop)**

Creating a Better Tasting Nutritionally Balanced Liquid Supplement  
Jacqueline Gianakos, Elke Melody  
Health Science/Nutrition  
Ann Merritt-Faculty Sponsor

**Room 308 – 3<sup>rd</sup> floor (Oral)**

Chemoreception Unit Plan  
J.T. Torra  
Biology  
Susan Whittemore – Faculty Sponsor

**Room 309 –3<sup>rd</sup> floor (Oral)**

The Mathematics of Apportionment  
Allysha Lane  
Mathematics  
Vince Ferlini – Faculty Sponsor

**Mountain View Room –3<sup>rd</sup> floor (Oral)**

The Crimson Cross  
Charles Harvey, Ben Dube  
History  
Paul Cullity-Faculty Sponsor

**Madison Street Lounge – 1<sup>st</sup> floor (Oral)**

A Crime to Fit the Punishment: A Study of the Film “Salt of the Earth”  
Sarah Heller  
American Studies  
Rich Lebeaux – Faculty Sponsor

**Atrium Study Lounge – 1<sup>st</sup> floor (Oral)**

Proxemics Among Cultures  
Caitlin Furman  
Communication  
Rose Kundanis – Faculty Sponsor

**Lantern Room – 1<sup>st</sup> floor (3 Poster Presentations)**

A Franco-American Christmas Story  
Cassandra Dwyer  
French/ Elementary Education  
Margaret Langford – Faculty Sponsor

Trichloroethylene (TCE) Exposure & Hazards  
Mathew Ackroyd  
Safety Studies  
Melinda Treadwell – Faculty Sponsor

Assessment in Physical Education  
Rhonda Dustin  
Physical Education/Teacher Certification  
Linda Millard – Faculty Sponsor

**11:50-12:20 Room 307 – 3<sup>rd</sup> floor (Workshop)**

Exploring Chebyshev's Inequality  
Tom Baird  
Mathematics  
Mike Cullinane – Faculty Sponsor

**Room 308 – 3<sup>rd</sup> floor (Oral)**

Melville and the Bible: "Let there be Ahab"  
Heather Pamula  
English  
Richard Lebeaux – Faculty Sponsor

**Room 309 – 3<sup>rd</sup> floor (Oral)**

Hydration and Health  
Jim Gardner  
Health Science/Nutrition  
Pam Smith – Faculty Sponsor

### **Atrium Study Lounge – 1<sup>st</sup> floor (Oral)**

Identification of a Novel Molecular Marker in *Daphnia magna*

Dawn Fischer

Biology

Susan Whittemore, Scott Strong – Faculty Sponsors

### **Mountain View Room – 3<sup>rd</sup> floor (Oral)**

Step Curriculum – Number and Operations Standard for First Grade

Katherine Bartlett, Cherie Bergeron

Mathematics

Kira Hylton – Faculty Sponsor

### **Lantern Room – 1<sup>st</sup> floor (2 Poster Presentations)**

Cervical Cancer

Eschel Burke

Computer Science

Ron Tourgee – Faculty Sponsor

Historical Perspective on Sundials

Kate Doyle, Amy White

Mathematics

Dick Jardine – Faculty Sponsor

### **Madison Street Lounge – 1<sup>st</sup> floor (3 Exhibits)**

Baseball Through my Eyes: A Semiotic Analysis

Ryan Szepan

Art/Graphic Design

Marsha Hewitt – Faculty Sponsor

The Holocaust: Horror and Hope

Luke Dube

Art/Studio Art

Peter Roos – Faculty Sponsor

Waterless Lithography Print Exhibit & Research Presentation

Brian Aldrich

Art

Rosemarie Bernardi – Faculty Sponsor

**12:25-1:25 [Mabel Brown Room - 2nd floor]**

**Presenters' Lunch and Keynote Address by Dr. Kenneth Bergman,  
Professor of Biology and Recipient of the Distinguished Teacher of the  
Year (2000) Award**

**1:40-2:10 Room 307 – 3<sup>rd</sup> floor (Oral)**

Preparing the Way for a Monadnock Region Heritage-Tourism Master Plan  
Peter B. Breen Jr.  
Management  
Elizabeth Brown – Faculty Sponsor

**Room 308 – 3<sup>rd</sup> floor (Oral)**

The Americorps Experience  
Jacqueline Gianakos, Jennifer Rezendes  
Home Economics/Dietetics  
Pam Smith – Faculty Sponsor

**Room 309 – 3<sup>rd</sup> floor (Oral)**

Harvesting a Moose Population Using Linear Algebra  
Erin Corman, Aaron Winslow  
Applied Mathematics  
Joe Witkowski – Faculty Sponsor

**Atrium Study Lounge – 1<sup>st</sup> floor (Oral)**

The Significance of Memories in Toni Morrison's Novels  
Bridgitte D. Taylor  
English  
Anne-Marie Mallon – Faculty Sponsor

**Lantern Room – 1<sup>st</sup> floor (3 Poster Presentations)**

The Crystallography of Laser Dye Clusters  
Daniel Crosby  
Chemistry  
Jerry Jasinski – Faculty Sponsor

Geochemical Analysis of Rocks from the Lake Sunapee Area  
Destiny Saxon, Christina Burt, Tim Allen  
Geology  
Tim Allen – Faculty Sponsor

The Characterization of Safety and Health in Working Environments at KSC  
Jeff Brown  
Technology, Design and Safety  
Melinda Treadwell – Faculty Sponsor

**2:15-3:15**      **Concurrent Panel Discussions**

**Madison Street Lounge - 1<sup>st</sup> floor**

Issues of Community in Toni Morrison's Fiction

Lisa Alexander, Shannon Duffy, Sandra Hemstreet, Suzanne Murray, Mike Piaseczny

English

Anne-Marie Mallon – Faculty Sponsor

**Mountain View Room – 3<sup>rd</sup> floor**

Statistical Analyses of Sociological Phenomena

Dina Murolo, Beth Stern, Michelle Scott

Alpha Kappa Delta – Sociology

Therese Seibert – Faculty Sponsor

**Room 309 - 3<sup>rd</sup> floor**

The Practicum Experience in Applied Psychology

Tynamaria Schwaegerl, David Wishinski, Colleen Mooney, Jennifer Boyd

Psychology

Larry Welkowitz – Faculty Sponsor

**3:20-3:50**      **Room 307 – 3<sup>rd</sup> floor (Oral)**

The Game of Life

Craig Sheil

Mathematics

Vince Ferlini – Faculty Sponsor

**Room 308 – 3<sup>rd</sup> floor (Oral)**

Development & Ecdysone Regulation of HSP90-Expression in *Daphnia magna*

Amy Piispanen

Biology

Susan Whittemore, Scott Strong – Faculty Sponsors

**Room 309- 3<sup>rd</sup> floor (Oral)**

Prey Size Preference of Cichlids (*Astronotus ocellatus*)

Justin Giovagnoli and Todd Pinsonneault

Biology

Renate L.E. Gebauer, Susan Whittemore - Faculty Sponsors

**Atrium Study Lounge – 1<sup>st</sup> floor (Oral)**

Sexual Representation and Resistance in Alice Walker's "By the Light of my Father's Smile"

Hilary Conant

English

Anne-Marie Mallon – Faculty Sponsor

**Madison Street Lounge – 1<sup>st</sup> floor (Oral)**

A Hero's Reaction to the Supernatural: An Audience's Invitation to Pass Moral Judgment

Carrie Desilets

English

Mark Long – Faculty Sponsor

**Lantern Room - 1<sup>st</sup> floor ( 3 Poster Presentations)**

Uranium-Lead Isotope Analysis on Igneous Rock Body in Sunapee, NH

Joshua King, Tim Allen

Geology

Tim Allen – Faculty Sponsor

Hybrid Electrical Vehicle (HEV) Research Program

Adam Cooney, John Noonan

Mathematics-Physics

Michael French – Faculty Sponsor

The Effects of Fish Kairomones on *Daphnia magna* Reproduction

Susan Steiner

Biology

Renate L. E. Gebauer, Susan Whittemore – Faculty Sponsors

**3:55**

**Reception [Night Owl Café – 2<sup>nd</sup> floor]**

The following students were unable to attend the conference but their poster presentations will be displayed in the Lantern Room.

Spuds II – Thermodynamics Exothermic Reactions, and Thermal Gradients in  
Cooking Potatoes and Other Starch Complexes

James Maynard, Russell Harkay

Physics

Russell Harkay – Faculty sponsor

Electron Degeneracy – Removal in Column II Metals using Plasma Resonance  
Spectroscopy

Matt Wood, Russell Harkay

Physics

Russell Harkay – Faculty Sponsor

Avalanche Dynamics

Nathan Smith

Physics

Frederick Wolf – Faculty Sponsor

Interim Geologic Map of the Lake Sunapee Area

Destiny Saxon, Tim Allen

Geology

Tim Allen – Faculty Sponsor