

8:15-9:00 a.m.
Student Center Atrium

Presenters, sponsors, and attendees are welcome to pick up your programs and enjoy a continental breakfast.

9:10-10:10 a.m.
Student Center, Mabel Brown Room
Performance

Revolution vs. Evolution

Student Presenter: Jessica Howard
Dancers: Riley Ahern, Shawn Ahern, Hannah Fluet, Angie Hartley, Becky Midler, Lindsay Taflas
Sponsors: Marcia Murdock, William Seigh
Discipline: Theatre and Dance

Practicing Through the Decades: A Retrospective Look at Women Healers and Their Role in Society

Student Presenter: Lindsay Taflas
Sponsor: Patricia Pedroza
Discipline: Women's Studies

9:10-10:10 a.m.
Science Center
Oral Presentations, Workshops

S102

Inheriting the Holocaust

Student Presenter: Meagan Blais
Sponsor: Henry Knight
Discipline: Holocaust Studies

Racial Hygiene Practices in Nazi Germany: The Effects of Sterilization and Euthanasia on Women

Student Presenter: Lauren Dance
Sponsor: Helen Frink
Discipline: Holocaust Studies

S126

The Effects of Different Types of Music on Anxiety

Student Presenter: Christine Nelms
Sponsor: Larry Welkowitz
Discipline: Psychology
Undergraduate Research Grant

Conventional vs. Sustainable Agriculture in Brazil

Student Presenter: Amanda Abramson
Sponsor: Andrew Abel
Discipline: Sociology

S154

A Mathemagical Card Trick

Student Presenters: Christine Griswold, Amanda Benware
Sponsor: Vince Ferlini
Discipline: Mathematics

Math-Phobia in Our Classrooms

Student Presenter: Andrew Croteau
Sponsor: Vince Ferlini
Discipline: Mathematics Education

S161

Dynamic Flavors of Breast Milk and Food Preferences in Childhood

Student Presenter: Liza Drew
Sponsor: Pamela Smith
Discipline: Health Science: Nutrition Option

Implications of Decreasing Honeybee Populations on the U.S. and World Food Supply

Student Presenter: Jennifer Gaboury
Sponsor: Pamela Smith
Discipline: Health Science: Nutrition Option

S163

Let's Make a Deal: The Monty Hall Problem

Student Presenter: William Clarke
Sponsor: Vince Ferlini
Discipline: Mathematics

Community Building in the Classroom: What Should It Look Like? (workshop)

Student Presenter: Kelly Meyer
Sponsors: Judy Reed, Janaki Tschannerl
Discipline: Education (Masters Program: Curriculum and Instruction)

S181

Testimony of a Mother-Witness: Anna Akhmatova's *Requiem*

Student Presenter: Larissa Miller
Sponsor: Ann Schur
Discipline: English

Minstrelsy and Mimicry: The Black Female Factor in the Policed Pursuit of Black Masculinity in the Jim Crow South

Student Presenter: Samantha Bardell
Sponsor: Michael Antonucci
Discipline: English

10:20-11:20 a.m.
Science Center
Oral Presentations, Workshops

S102

Victim's Advocacy: Restorative Justice

Student Presenter: Ivy Downing
Sponsors: Rick Van Wickler, Peggy Walsh
Discipline: Criminal Justice/Sociology

The "Usefulness" of Power and Influence in International Conflicts

Student Presenter: Michelle Sigiel
Sponsor: Wesley Martin
Discipline: Political Science

S126

Resisting the Written Word: Oral Tradition in American Indian Literature

Student Presenter: Caitlin Spencer
Sponsor: Sally Joyce
Discipline: English

S129

The Budget Surplus of the 1990s: Bill Clinton's Solution to the Crowding-Out Problem

Student Presenter: Mark Manganiello
Sponsor: Marie Duggan
Discipline: Economics

Welcome to the Doom Generation: An Analysis of Greg Araki's Films as Apocalyptic Texts

Student Presenter: Jessica Correia
Sponsor: Teresa Podlesney
Discipline: Film Studies

S163

Physical Activity and Academics

Student Presenters: Matthew Cutts, Tracy Gray, Allison Franklin, Donald Webb
Collaborative Researchers: Martha Kenison, Stephanie Lavado
Sponsor: Linda Millard
Discipline: Physical Education/Athletic Training

From the Eyes of an Athletic-Training Intern: The New England Patriots

Student Presenter: Matthew Cutts
Sponsor: Wanda Swiger
Discipline: Athletic Training

S175

Incorporating the Internet as an Elementary Classroom Learning Tool

Student Presenter: John Prior
Sponsors: Judith Reed, Janaki Tschannerl
Discipline: Education (Masters Program: Curriculum and Instruction)

Analyzing Principles and Pedagogy of Social-Justice Teacher-Education Programs in the United States

Student Presenter: Atasi Das
Sponsors: Judith Reed, Janaki Tschannerl
Discipline: Education (Masters Program: Curriculum and Instruction)

11:30 a.m.-12:30 p.m.

Science Center

Panel Presentations (one-hour presentations)

S102

Toxic Cultures: The Effects of Mercury and Lead in Various Cultures

Student Presenters: Nathan Rowe, Vanessa Ward, Nicole Ferri, Kelly Payeur, Elizabeth Malone
Sponsor: Karen Jennings
Discipline: Psychology Honors

S126

Reflections of Spanish Literature: Students' Modern Interpretations of Hispanic Poetry

Student Presenters: Marie Toutaint, Marc Perreault, Kerstin Yohann, Megan Allyn, Tracy Gilpin, Chelsey Duranleau
Sponsor: Barbara Ware
Discipline: Spanish

S129

Viewpoints on Christianity in Film

Student Presenters: James Hayward, Benjamin McPherson, Aiden Broadbent
Sponsor: Teresa Podlesney
Discipline: Film Studies

S154

Other Feminisms

Student Presenters: Chelsea Delnero, Melissa Dickie
Sponsor: Brinda Charry
Discipline: English

S161

Living Bilingual: Latino Population in New England

Student Presenters: Annelies Spykman, Kelley Cmara, Lauren Stark
Sponsor: Patricia Pedroza
Discipline: Spanish

S175

Paradox of Abundance

Student Presenters: Gary Beisaw, Caitlin Bramucci, Amanda Izzo, Lauren Ochs
Sponsor: Ali Lichenstein
Discipline: Integrative Studies
Program: Thinking and Writing

11:30 a.m.-12:30 p.m.

Science Center

Oral Presentations

S127

The Glorious Corruption: An Examination of Andrei Sinyavsky's *The Trial Begins* and Yuri Olesha's *Envy*

Student Presenter: Kelly Wass
Sponsor: Anna Schur
Discipline: English

Where the Romantic Meets the Modern

Student Presenter: Thomas Simmons
Sponsor: Anna Schur
Discipline: English

S163

Standards vs. Social Justice: Is There Time in the Curriculum for Both?

Student Presenter: Cristina Casillo
Sponsors: Judith Reed, Janaki Tschannerl
Discipline: Education (Masters Program: Curriculum and Instruction)

The United Kingdom National Curriculum: An Educational Approach That Is Too Prescriptive, or a Core Program To Be Treasured?

Student Presenter: Jessica Buttafuoco
Sponsor: Dottie Bauer
Discipline: Education

S181

Simulating Space: The Development of a Newtonian Physics Simulator

Student Presenter: Eric Spencer
Sponsor: Michael Hanrahan

Discipline: Computer Science

12:35-1:45 p.m.

**Presenter's Luncheon
Zorn Dining Commons**

Provost's Welcome: Dr. Mel Netzhammer
Presentation of President's Writing Award to Ryan LaLiberty
Keynote address: "The Trouble with Scholarship," by Dr. Mark Long, English professor, Keene State's 2009 recipient of the Faculty Distinction in Research and Scholarship Award

1:55-2:55 p.m.

Science Center

Oral and Workshop Presentations

S102

Motion Picture

Student Presenter: Taylor McIntosh
Sponsor: Ted White
Discipline: Film Studies
Undergraduate Research Grant

Honey Machine: Film School in 26 Letters

Student Presenter: Jenny Plante
Sponsor: Ted White
Discipline: Film Studies
Undergraduate Research Grant

S126

Harry Potter and the Holocaust

Student Presenter: Trisha Simons
Sponsor: Meriem Pages
Discipline: English

S129

Behavioral-Based Safety in the College Kitchen

Student Presenters: Christopher Stock, George Klebart, Ben Lazich, Michael Vitone, Erin Ridgley, Allison McPhee
Sponsor: Wayne Hartz
Discipline: Safety Studies

Living Free and Dying Young: Exploring New Hampshire's College-Age Seatbelt Use

Student Presenters: Victoria Stoessel, Corey Miner
Sponsor: Wayne Hartz
Discipline: Safety Studies

S161

Teaching about the Changing Roles of Women in Society via Significant Historical Events

Student Presenter: Elizabeth Rand
Sponsor: Jason Endacott
Discipline: Secondary Education/Social Studies

New Kids on the Block: An Analysis of Student-Housing Trends in Southeast Keene, New Hampshire

Student Presenters: James Cunningham, Vanessa Ciarleglio, Lindsay Lambert, Heather Soulard
Sponsor: Christopher Cusack
Discipline: Geography

S163

Relational GeoSolids (workshop)

Student Presenter: Amanda Benware
Sponsor: Beverly Ferrucci
Discipline: Mathematics Education

PentaBlocks: A Manipulative for All Grade Levels

Student Presenter: William Clarke
Sponsor: Beverly Ferrucci
Discipline: Mathematics Education

S175

Spanish Children's Literature

Student Presenter: Kristen Pollock
Sponsors: Dottie Bauer, Barbara Ware
Discipline: Spanish/Early Childhood Education

Teaching Cross-Cultural Communication (workshop)

Student Presenter: Darya Bushmakina
Sponsor: Susan Theberge
Discipline: Education

S181

Redefining Gender: Fe/male Characterization in Science Fiction

Student Presenter: Steven Gonzalez
Sponsor: Ali Lichtenstein
Discipline: English

Abeunt Studia in Mores: Evolution of Education in the Essay

Student Presenter: Kristen Loonie
Sponsor: Kirsti Sandy
Discipline: English

3:05-4:05 p.m.

Student Center, Mabel Brown Room

Poster Presentations and Exhibits

Exhibits

Student Center 309

The Art of Night Photography

Student Presenter: William Wrobel
Sponsor: Robert Kostick
Discipline: Art

Student Center, Mabel Brown Room

A Brattleboro Community Library for the 21st Century

Student Presenters: Keegan Nunley, Travis Streeter, Scott Bascom
Sponsors: Donna Paley, Bartlomiej Sapeta
Discipline: Architecture

Posters

Student Center, Mabel Brown Room

BIOLOGY

Untangling the Passionflower Vines: Using Gene Sequences of cytGS to Understand the Biology and Evolution of an Important Group of Tropical Plants

Student Presenter: Lisa Bergeron
Sponsor: Kristen Porter-Utley
Discipline: Biology
Undergraduate Research Grant

Developmental Toxicity of the Pyethroid Bifenthrin on the Amphibian *Xenopus laevis*

Student Presenters: J-Lynne Brown, Jill Gormley, Nicholas Strizzi
Sponsor: Susan Whittemore
Discipline: Biology
Undergraduate Research Grant

Effects of the Pesticide Bifenthrin on Gastrointestinal Track Morphology in Metamorphosing *Xenopus laevis* Tadpoles

Student Presenter: Jade Halsey
Sponsor: Susan Whittemore
Discipline: Biology
Undergraduate Research Grant

Evolution of the Small-Flowered Passionflowers

Student Presenters: Erika Brooks, Jacob Neal
Sponsor: Kristen Porter-Utley
Discipline: Biology
Undergraduate Research Grant

CHEMISTRY

The Synthesis and Characterization of New Germylene-Containing Compounds of Transition Metals

Student Presenters: Elizabeth Neuhardt, Katherine Edes
Sponsor: Colin Abernethy
Discipline: Chemistry
Undergraduate Research Grant

EDUCATION

The Effects of Vocal vs. Instrumental Background Music in the Elementary Classroom

Student Presenters: Brenda Perry, Michael Ricci
Sponsors: Judith Reed, Janaki Tschannerl
Discipline: Education (Masters Program: Curriculum and Instruction)

ENGLISH

Poststructuralist Gender Dynamics in Le Guin's Novel *The Lathe of Heaven*

Student Presenters: Stephanie Allen, Sarah Bernatas
Sponsor: Ali Lichtenstein
Discipline: English

GEOGRAPHY

May the Force Be with You: Workforce Housing in the Monadnock Region

Student Presenters: Sarah Forler, Torin Hjelmstad, Elizabeth Kane
Sponsor: Christopher Cusack
Discipline: Geography

Talking Trash: An Assessment of Solid-Waste Disposal in Keene, New Hampshire

Student Presenters: Chelsea Brooks, Alex Kammler, Michael Jakubowski, Leah Maghini
Sponsor: Christopher Cusack
Discipline: Geography

A "Keene" Bill of Health: Vision 2020 and an Assessment of Health in Keene, New Hampshire

Student Presenters: Addie Gann, Erik Kokal, Shannon Parker, Benjamin Phelps
Sponsor: Christopher Cusack
Discipline: Geography

Preliminary Geologic-Resource Inventory for the Town of Marlow, New Hampshire

Student Presenters: Lauren Cram, Brenton Walsh
Sponsor: Tania Coffin
Discipline: Geography

Spring into Action: The Identification, Study, and Protection of Vernal Pools in Nelson, New Hampshire

Student Presenters: Kelsi Beausoleil, Beau Darak, Steve Head, Brian Lacasse
Sponsor: Christopher Cusack
Discipline: Geography

Live Green or Die: Recycling in Cheshire County, New Hampshire

Student Presenters: Lauren Evans, Jared Gasco, Laura Jalette, Candra Merreighn
Sponsor: Christopher Cusack
Discipline: Geography

There Is No Place Like Home: Affordable Housing in Milford, New Hampshire

Student Presenters: Virginia Malcolm, Daniel Moylan, Danielle Page
Sponsor: Christopher Cusack
Discipline: Geography

GEOLOGY

Fluid Inclusion Studies Relating to Mineral Phases Found within the Wise Mine, Westmoreland, New Hampshire: T, P, and X_{fluid} Analysis

Student Presenter: Brenten Austin
Sponsors: Peter Nielsen and Stephen Howe, Research Geochemist, University at Albany, Albany, New York
Discipline: Geology

INTERDISCIPLINARY

Suitable Habitat for the American Marten (*Martes americana*) in Southwestern New Hampshire

Student Presenter: John Lorette
Sponsor: Klaus Bayr
Discipline: Geography/
Environmental Studies

The Impact of Divorce on Adult Children's Alcohol Use

Student Presenter: Cristina Sousa
Sponsors: Donna Viveiros, Karen Jennings, Margaret Smith
Discipline: Psychology
Honors/Health Science-Chemical Dependency

Diversity of Polycyclic Aromatic Hydrocarbon Degrading Bacteria in the Ashuelot River

Student Presenter: David Gutierrez
Sponsor: Loren Launen
Discipline: Biology/Chemistry
Undergraduate Research Grant

Salamanders' Role in Mercury Bioaccumulation in Aquatic and Terrestrial Ecosystems

Student Presenter: Joshua Starkey
Sponsor: Renate Gebauer
Discipline: Environmental Studies/Biology
Undergraduate Research Grant

PSYCHOLOGY

The Negative Impact of Helicopter Parenting on Personality Development

Student Presenter: Alison Marino
Sponsor: Neil Montgomery
Discipline: Psychology

Perceptions of the Adolescent Mother

Student Presenter: Deanna Toney
Sponsors: Karen Couture, Larry Welkowitz, Susan Menees
Discipline: Psychology
Undergraduate Research Grant

Affect in the Workplace and the Influence of Core Self-Evaluations on Employee/Employer Relationships

Student Presenter: Sheri Lantagne
Sponsors: Karen Couture, Larry Welkowitz, Donna Viverios
Discipline: Honors Psychology
Undergraduate Research Grant

Themes in the Drawings of First-Grade Students from Divorced Households

Student Presenter: Jocelyn Horton
Sponsor: Neil Montgomery
Discipline: Psychology

Social Sciences

The Media's Perception of Individuals Not of the Social Norm

Student Presenter: Charles Maceda-Maciel
Sponsor: Jason Endacott
Discipline: Social Sciences