Schedule of Presentations

Colby College

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**Colby Undergraduate Research Symposium 2010**

*April 28 - April 30, Colby College, Waterville, Maine*

**Keynote Address**

*April 28, 7:30 pm Ostrove Auditorium*

**Research Presentations**

**Wednesday, April 28**

**SESSION I: General Session**

*Smith Room, Roberts*

*Session Chair: Adam Howard*

9:00 am - 11:30 am

- **Terri Bello** ('10), Education and Human Development
  Enhancing Attributional Retraining with a Multiple Intelligence Approach

- **Sarajane Blair** ('10), Education and Human Development
  The Unmarked Intersectionality of Gender and Ethnic Prejudices: An Examination of the Difficulties of Post-Conflict Curricular Reform in the Republika Srpska of Bosnia and Herzegovina

- **Allyson Cheever** ('11), **Leah Perlmutter** ('12) and **Sarah Harmon** ('12), Computer Science
  Comparison of *Drosophila* Circadian Clock Models Through Oscillator-specific Phase Sensitivity Analysis

- **John Moriarty** ('10), Physics and Astronomy
  The Cluster Environment of High Mass Protostars

- **Daniel Reeves** ('10), Physics and Astronomy
  Pressure-Driven Flow of a Confined Suspension

**SESSION II: ENVIRONMENTAL STUDIES**

*Lovejoy 213*

*Tropical Forests and Sustainable Development*

*Session Chair: Janette Bulkan*

10:00 am - 10:50 am

- **Amanda Lindsay** ('10)
  The Relationship Between the Ban on Trade in Ivory and African Elephant Populations

- **Emily VanWyk** ('11)
Human/Wildlife Conflict in Agro-ecosystems in Southern Africa

SESSION III: ENVIRONMENTAL STUDIES
Hazardous Waste and Environmental Justice
Hurd Room
Session Chair: Gail Carlson
1:00 - 2:15 PM

1:00 pm  **Blair Braverman** ('11)
Environmental Justice on Saint Lawrence Island, Alaska

1:15 pm  **Sarah Hart** ('10)
The Abandoned HoltraChemical Plant's Toxic Effects on Orrington, Maine and the Penobscot Nation

1:30 pm  **Sarah Dallas** ('10)
A Case of Environmental Justice: North River Wastewater Treatment Plant

1:45 pm  **Katherine Orrick** ('10)
Chevron Refinery and the Environmental Injustice of Richmond, CA

SESSION IV:
General Session
Smith Room, Roberts
Session Chair: Suzi Cole
1:00 - 3:45 PM

1:00 pm  **Edward Benjamin** ('11), **Aaron Halpine** ('13), **Daniel Reeves** ('10), **Jilian Vaughan** ('12) and **Joshua Kelton** ('10), Philosophy
Somali Bantu Integration in the Greater Waterville Area

1:30 pm  **Kristen Psaty** ('10), Philosophy
On Perfect Friendship: An Outline and a Guide to Aristotle's Philosophy of Friendship

2:30 pm  **Elizabeth Kugel** ('10), Geology
A Study of Flow Trends in Lower Perkins Brook, Colby College Campus, Waterville, Maine

2:45 pm  **Samuel Mathes** ('10), Geology
Interpretation of an Ancient Collisional Plate Tectonic Boundary, Wyoming: Part 2

3:00 pm  **Wyatt Fereday** ('11), Geology
Interpretation of an Ancient Collisional Plate Tectonic Boundary, Wyoming: Part 1

3:15 pm  **Andrew McCarthy** ('10), Geology
Using Medical Imaging Software to Assess Deformation in Quartzite

SESSION V: ENVIRONMENTAL STUDIES
Environmental Studies
Hurd Room, Roberts
Session Chair: Russell Cole
2:30 - 4:30 PM
2:30 pm  Caroline Turnbull ('10)
The Grameen Bank: Methodology and Perspective

2:45 pm  Jordan Schoonover ('10)
Population Genetics of the Invasive Plant *Impatiens glandulifera* in Maine

3:00 pm  Ian McCullough ('10)
The Impacts of Land Use and Development Patterns on Water Quality of the Belgrade Lakes

3:30 pm  Stephen Erario ('10)
Helping Maine Communities Understand the Energy Efficiency Conservation Block Grant Program

4:00 pm  John Abbett ('10)
Achieving Carbon Neutrality at Colby College through Carbon Offsets

SESSION VI: ENGLISH

*On With The Story: Fiction, Memoir, and Screenplay*
Smith Room, Roberts

Session Chair: Jennifer Boylan

4:00 - 6:00 PM

4:00 pm  Lindsey Anderson ('10), English
Helen

4:15 pm  Jean Burnet ('10), English
Hiding

4:30 pm  Katrina Gravel ('10), English
Fast: The Stories of a Team

4:45 pm  Eric McDowell ('10), English
Stopgap: Short Stories

5:00 pm  Annelise Wiersema ('10), English
The Eccentrics

5:15 pm  Blair Braverman ('11), English
Prose Reading

5:30 pm  J. Clark ('10), English
Shep & Saint Adelaide

SESSION VII: RELIGIOUS STUDIES

*Food and Religious Identity*
Whitney Room, Roberts

Session Chair: David Freidenreich

4:00 - 6:00 PM

4:00 pm  Karthik Sonty ('10), Religious Studies
Diet and Deification in Ancient Hinduism
4:20 pm  **George Venturella** ("12), Religious Studies
查刹茶 Cha Cha Cha: How Buddhism Made Tea Wonderful

4:40 pm  **Sierra Medling** ("12), Religious Studies
KÄ• IÄ« and Food Ritual in Hindu Tantra

5:10 pm  **Amanda Burgess** ("10), Religious Studies
The Story of the Pomegranate in Jewish and Christian Literature, Thought, and Practice

5:30 pm  **Naamah Azoulay** ("10), Religious Studies
You Don't Have to be Jewish to Eat Bagels

**SESSION VIII: MATHEMATICS**

*Mudd 405*

**Mathematics Presentations**

4:00-5:00 PM

4:00 pm  **Aichatou Fall** ("10)
The Implicit Function Theorem

**SESSION IX: DEAN OF FACULTY**

*Diamond Atrium*

**Keynote Faculty/Student Poster Session**  
Session Chair: Ed Yeterian/Michael Donihue

6:30 - 7:30 PM

**Daniel Reeves and Jonathan McCoy**
Pressure-Driven Flow of a Confined Suspension

**Eric Braunstein and Jeff Katz**
Analysis of the Electron Withdrawing Capability of Acetylene Groups for Nucleophilic Aromatic Substitution; Formation of Acetylene-substituted Oxacalixarenes

**Devon McIntyre and Jen Coane**
Congruency and Survival: The Mnemonic Advantage After Priming Survival Processing Depends on What Was Studied

**Qianwen Xu**
Behavioral Responses to New Dam Construction in Southwestern China

**Jessica-Ashley Williams, Katherine Littleton and Priscilla Doel**
Rural Health Care Initiative of the Dominican Republic

**Adam Paine and Kevin Rice**
Cell Death Mechanisms Associated with the Carbamoylating Activity of the Anticancer Prodrug Laromustine

**Roberto Delhy Nolivos and Guillermo Vuletin**
Central Bank Independence and Fiscal Dominance
Jennifer Corriveau and Melissa Glenn
Preventing Severe Psychosis: Anti-schizophrenic Properties of Adolescent Choline Supplementation in a Rat Model of Schizophrenia

Ian McCullough and Russell Cole
Nutrient Loads and the Presence of an Invasive Species Threaten Salmon Lake, Kennebec County, Maine

Katherine Orrick and David Firmage
Impacts of Land Use Changes on Water Quality in Salmon Lake and McGrath Pond

Brian DiMento and Whitney King
The Chemiluminescent Detection of Superoxide and Hydrogen Peroxide

Cassandra Knight and Robert Gastaldo
Late Permian Paleoenvironmental Factors Expounded Through Analysis of a Forest-floor Paleosol Profile, Karoo Basin, South Africa

Anne Chang and Cathy Bevier
Exploring Diversity and Function of Epibiotic Bacteria in Three Species of Frogs in Maine

Brittany Thomas and Frank Fekete
Characterization of Surface Attachment Factors of Vibrio Related Aquatic Bacteria

Yiyuan Qin and Philip Nyhus
South China Tiger Prey Habitat Suitability GIS Assessment in Hupingshan-Houhe National Nature Reserve Complex, China

Bethany L. Bartley, Christopher Ng, David C. Hirsch, Julie T. Millard and Vanesa L. Silvestri
Mechanisms of Cytotoxicity of Diepoxybutane, Epichlorohydrin, and (1-chloroethenyl) Oxirane

Thursday, April 29

SESSION X: BIOLOGY
Symposium on Cancer
1:00 PM

Katie Littleton ('11)
Ovarian Cancer: Classification, Diagnosis, and Treatment of Ovarian Epithelial Carcinomas

Molly McKenna ('10)
Hodgkins vs. non-Hodgkins Lymphoma: A Threat to the Younger Generation

Hillary Rockey ('11)
Diagnosis and Management of Colorectal Cancer
**CeeJay Frederick** ('10)
Chronic Lymphocytic Leukemia: Using CD38 to Determine Susceptibility and Course of Disease in Patients with CLL

**Anne Chang** ('10)
Osteosarcoma: Sticks and Stones May Break your Bones, but Cancer will Really Break Them

**Jack Brainard** ('10)
The Transition to Malignancy: the Case of Melanoma

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**SESSION XI: ANTHROPOLOGY**
* Diamond 323
Modernities, Mobilities, Citizenships
1:00 - 3:30 PM

**Jen Shriber** ('10)
Desert Meets Digital: Negotiating Global Identities through Raï Music

**Hanna Noel** ('10)
Volunteerism in the United States: Identities and Citizenship in the Making

**Emily Pavelle** ('10)
The Refugees of Hurricane Katrina: Secondary Citizenship, Displacement and the Restructuring of New Orleans

**Elizabeth Millikin** ('10)
Wolves in Virtual Clothing: Exploring Identity through Online Role-playing Communities

**Nicole Mitchell** ('10)
Discourses of Modernity and Nostalgia in Maine Coastal Towns

**Delia Langan** ('10)
Tourism and Native American Citizenship

**Carly Rapaport** ('10)
Tabloid Mania: America's Obsession with Celebrity Lives and Gossip

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**SESSION XII: General Session**
* Smith Room, Roberts
12:15 - 4:00 PM

12:15 pm **Jacob Roundtree** ('10), Philosophy
A Nietzschean Case for Tax Evasion

12:45 pm **Jacob Roundtree** ('10), Philosophy
'The General Will's Cold Fury: Hegel's Critique of Rousseau and the French Revolution'

1:00 pm **James Bowe** ('11), East-Asian Studies
Women in Japanese Literature: How Women Escaped their
Marginal Roles in Ooba Minako's Short Stories

1:15 pm

Laure-Helene Caseau ('10), East-Asian Studies
The Myth of Tsugumi: Death and Absurdism in Yoshimoto's Goodbye Tsugumi

1:30 pm

Rinchen Olthang ('10), Economics
A Market for Magritte: Investing in the Surreal

2:00 pm

Amy Weston ('10), Sociology
The Western Abenaki Experience and the Racial-Ethnic Closet

2:15 pm

Leigh Bullion ('10), English
Shakespeare and Homoeroticism

2:45 pm

Kelly Sullivan ('10), Mathematics
Perceived Motion and Modeling of Eye Movements during Human Centrifugation

3:00 pm

Justin De Santis ('13), Mathematics
Visual Taylor Series and a Generalized Alternating Series Test

3:30 pm

Saralin Davis ('10), Mathematics
Mismatch Between Human Perception and Eye Reflexes During Off-Vertical Axis Rotation

SESSION XIII: AMERICAN STUDIES
Hurd Room, Roberts
American Paintings in the Colby Museum
Session Chair: Julie Levin Caro
1:00 - 2:15 PM

1:00 pm

Sandra Johnson ('12)
The Denial of Convention in the Sophisticated Portrayal of a Young Girl: John Singleton Copley's Little Girl with Grapes, 1765-70

1:20 pm

Samantha Richens ('11)
Milton William Hopkins's Martha Ellen Connell: The Significance of Non-Academic Portrait Painting in Jacksonian America

1:40 pm

Gordon Lessersohn ('12)
John Frederick Kensett's Seacoast View: In Harmony with Emerson's Nature

SESSION XIV: HISTORY
Whitney Room, Roberts
History Senior Thesis Presentations
Session Chair: Paul Josephson
1:00 - 4:00 PM

1:00 pm

Aimee Kidder ('10)
A Disappearing Boundary?: The Changing Distinction between
Combatants and Civilians from the First World War to the Present Day.

1:30 pm  
Courtney Cronin ('10)  
Domestic Drama, International Crises: Tsarina Alexandra, Nicholas II and the End of the Romanov Dynasty

2:00 pm  
Alison Berryman ('10)  
Soviet Education: Communism in the Classroom

2:30 pm  
Steven Tatko ('10)  

3:00 pm  
Daniel Franklin ('10)  
The Legacy of the American Civil War in the Lives of Women: A Comparative Study of the Northern and Southern Experiences through Reconstruction

3:30 pm  
Catherine Vieth ('10)  
'Bad Copyists': Photography in the Early Soviet Union

SESSION XV: MUSIC  
Bixler 226  
Session Chair: Steve Saunders

2:30 - 4:00 PM

2:30 pm  
Qainat Khan ('11), Music  
Uniting Neo-Riemannian Theory and Schenkerian Analysis in Liszt's 'Sonetto 104 del Petrarca'

3:00 pm  
Kathleen Fallon ('10), Music  
Auxiliary Cadences and Voice-Leading Structure in Robert Schumann's 'Aufschwung'

3:30 pm  
Emily Wolf ('10), Music  
Chopin: Idiot or Genius?

SESSION XVI: RELIGIOUS STUDIES  
Hurd Room, Roberts  
Session Chair: David Freidenreich

2:30 - 4:30 PM

2:30 pm  
Emma Gildesgame ('10), Religious Studies  
Kosher Ethics: American Jewish Responses to the AgriProcessors Scandal

2:50 pm  
Silas Rioux ('10), Religious Studies  
Religious Responses to Genetically Modified Organisms

3:10 pm  
Spencer Kasko ('12), Religious Studies
'The Real Meat and Potatoes': Food and Morality in Woody Allen's Serious Films

3:30 pm  
Jena Hershkowitz ('12), Religious Studies  
Novelty and Neglect: Italian Americans, Food and Catholicism

3:50 pm  
Amanda Forrester ('11), Religious Studies  
Public Portrayal Versus Internal Practice: the Seventh-day Adventist Food Movement

SESSION XVII: ENGLISH  
On With The Story: Fiction, Memoir, and Screenplay - II  
Smith Room, Roberts  
Session Chair: Jennifer Boylan  
4:00 - 6:00 PM

4:00 pm  
Julia Essenburg ('11), English  
Historical Novel

4:15 pm  
Christine Friar ('10), English  
Missed Connections: A Craigslist Fiction Project

4:30 pm  
Dana Himmelstein ('10), English  
Right on Poole

4:45 pm  
Caitlin Murphy ('10), English  
Sand

5:00 pm  
Zacharia Hussain ('10), English  
Garbage Man

5:15 pm  
Brittany Soderholm ('10), English  
The God of You and Me

5:30 pm  
Samuel Brakeley ('10), English  
Paddling the Northern Forest Canoe Trail

SESSION XVIII: AFRICAN AMERICAN STUDIES  
Exploring American Cultures: Our Journeys of Discovery  
Diamond 145  
Session Chair: Cheryl Townsend Gilkes  
4:00-6:00 PM

4:00 pm  
Shylock Baloyi ('10), Emiliano Hergenreder ('11), M. Masood ('13), Mesay Melese ('10), Nirakar Poudel ('12) and Thando Dlamini ('13), African-American Studies  
A Pakistani's Investigation on Cultural Preservation - Case Study: Gullah Culture in South Carolina

4:30 pm  
Carl Richards ('11), African-American Studies
SESSION XIX: GOLDFARB CENTER

Goldfarb Center Studies
4:15 - 5:15 PM

SESSION XX: RELIGIOUS STUDIES

Religious Studies Senior Projects
4:00 - 7:30 PM

SESSION XXI: SCIENCE, TECHNOLOGY AND SOCIETY

Parker Reed, SSW
Session Chair: Jim Fleming
NSF EPSCoR Belgrade Regional History
Posters
4:00 - 4:30 PM

**Erin Schnettler ('11)**
Geology, Geography, and Change Over Time

**Danielle Sheppard ('11)**
A Case Study of Two Historic Camps on Great Pond

**James Westhafer ('10)**
A History of Artistic Expression in the Belgrades

SESSION XXII: SCIENCE, TECHNOLOGY AND SOCIETY
UAV Demonstration Flight
4:30 - 5:00 PM

**Foster Huntington ('10) and Dan Opalacz ('10)**

SESSION XXIII: SCIENCE, TECHNOLOGY AND SOCIETY
STS Senior Poster Presentations
5:00 - 6:00 PM

**Zach Rich ('10)**
The Cost of Breathing: Air Pollution in Modern China

**James Westhafer ('10)**
The Maturation of the Armed Sky: A Comparison of the Progression and Development of American and German Aerial Warfare Technologies, 1914-1945

**Nick Bromley ('10)**
A Politically Charged Science Fiction Story

**Alice Evans ('10)**
Examining Alternative Medicines and Therapies: The NIH and China

**Dan Opalacz ('10) and Foster Huntington ('10)**
UAV Aerial GIS Data Acquisition and Colby Systems Integration
Friday, April 30

SESSION XXIV: ART
Sex in Art
Hurd Room, Roberts
Session Chair: Véronique Plesch
9:00 - 11:30 AM

9:00 am  Virginia Robbins, Art
Veiled Eroticism in Gothic Ivories

9:20 am  Caroline Dickson ('10), Art
Assessing Caravaggio's Homosexuality; An Examination of the Homoerotic Content in Caravaggio's Work in both Private and Religious Commissions

9:40 am  Fiona Braslau ('10), Art
Rodin's Drawings: An Erotic Obsession

10:00 am Megan Conroy ('10), Art
Egon Schiele: Drawing His Sexual Biography

10:20 am Lindsey Anderson ('10), Art
René Magritte and the Enigma of the Female Nude

10:40 am Katherine Gagnon ('11), Art
Woman as Object in Consumer Culture

SESSION XXV: ANTHROPOLOGY
Anthropology: Honors and Independent Studies
Smith Room, Roberts
Session Chair: Mary Beth Mills
10:00 - 12:00 AM

10:00 am Audrey Jacobsen ('10)

10:40 am Hanna Pickwell ('10)
Imagining Love in Contemporary China

11:20 am Emily Pavelle ('10)
Tourism, Colonialism, and “Third Gender” in Pacific Island Cultures

SESSION XXVI: ENVIRONMENTAL STUDIES
Tropical Forests and Sustainable Development
Lovejoy 213
Session Chair: Janette Bulkan
10:00 - 10:50 AM

Ellen Ramage ('11)
Desertification in the Sahel

Lauren Kerr ('12)
Value Chains and Fair Trade
Olivia Lattanzi ('11)
Invasive Species

Hana Haver ('11)
Environmental and Human Health Threats Posed by Mercury in Gold Mining

Sam Brakeley ('10)
Tourism and the San of Southern Africa

Shannon Merrell ('10)
Effects of Tourism on Costa Rican Rainforests

SESSION XXVII: AMERICAN STUDIES
American Studies Honors Thesis Projects
Whitney Room, Roberts
Session Chair: Katherine Stubbs
10:00-12:00

10:00 am Erica Block ('10)
Race&Rock&Roll: an Analysis of Representation on Rolling Stone Magazine Covers

10:30 am Katherine Perez ('10)
Jewish American Renaissance: The role of the Jewish Blogosphere in Identity Negotiation

SESSION XXVIII: CHEMISTRY
Chemistry Senior Presentations
Arey 5
Session Chair: Rebecca Conry
11:00 AM

Brian DiMento ('10)
The Chemiluminescent Detection of Superoxide and Hydrogen Peroxide

Greg Klein ('10)
Optimization of a 2D LC/SFC Interface Build

Elizabeth Disney ('10)
The Effect of Antibiotics on the Conjugation Frequency of *Aeromonas salmonicida* subspecies *salmonicida*

SESSION XXIX: GERMAN
German Studies Senior Seminar: Identities and Ideologies
Smith Room, Roberts
Session Chair: Arne Koch
12:15 - 1:45 PM

12:15 pm Ross Nehrt ('10)
Film und Text als Darstellungen widerstreitender Verantwortungsgefühle (Film and Text as Representations of Conflicting Feelings of Responsibility)

12:45 pm Susannah Hufstader ('12)
Trennung, Absonderung und Individualität in Grillparzers 'Der arme Spielmann'
1:15 pm  **Joshua Connell** ('10)
Gewalt in 'Die Verlorene Ehre der Katharina Blum' (Violence in 'The Lost Honor of Katharina Blum')

**SESSION XXX: ECONOMICS**  
**Hurd Room, Roberts**  
**Economics Honors Presentations**  
**Session Chair: Patrice Franko**  
**12:30 - 2:30 PM**

12:30 pm  **Robert Knipp** ('10)
Emissions Trading

1:00 pm  **Loredana Popescu** ('10)
Continuity of Foreign Direct Investment - Determinants and Effects on Growth

1:30 pm  **Mesay Melese** ('10)
Foreign Direct Investment in Ethiopia: Determinants and Effects

2:00 pm  **J. Delhy Nolivos** ('10)
Central Bank Independence and Fiscal Dominance

**SESSION XXXI: AMERICAN STUDIES**  
**Whitney Room, Roberts**  
**American Studies Senior Seminar**  
**Session Chair: Margaret McFadden**  
**12:30 - 3:00 PM**

12:30 pm  **Lamont Henry** ('10)
Why Can't She Have It?

12:45 pm  **Marcus BoisAubin** ('10)
Interracial Dating in Spike Lee’s Concrete Jungle: An Analysis of Interracial dating Between Black Men and White Women In Spike Lee’s Jungle Fever

1:00 pm  **Erica Block** ('10)
The Virgin/Whore Dichotomy: Female Sexuality in Spike Lee's 'Crooklyn'

1:15 pm  **Katherine Perez** ('10)
White Presence through Absence in Spike Lee's 'School Daze'

1:30 pm  **Matthew Von Vogt** ('11)
Spike Lee's Clockers: A New Vision For Black Cultural Space

1:45 pm  **Michael Talarico** ('11)
The 25th Hour: Accountability in a Post 9/11 Society

2:00 pm  **Brett Souza** ('11)
Spike Lee's 'Inside Man': A New Auteurial Direction

2:15 pm  **Hannah Kim** ('10)
SESSION XXXII: BIOLOGY
Olin Room 1
Biology Honors & Independent Studies Presentations
Session Chair: Russell Johnson
1:00 - 3:30 PM

1:00 pm Seth Johnson ('10)
External Sensory Organ Expression of D-Pax2 is Activated through Two Temporally Distinct Enhancers

1:15 pm Colin O'Shea ('10)
The Differential Roles of D-Pax2 Variants in Regulating Drosophila Eye and Bristle Development

1:30 pm Catarina Ruksznis ('10)
The Effects of Melatonin on the Circadian Rhythm of the Zebrafish (Danio rerio) Innate Immune Response

1:45 pm Corey Martin ('10)
Variable Phagocytosis of Gram-positive and Gram-negative Bacteria by Zebrafish (Danio rerio) Leukocytes

2:00 pm Adam San Miguel ('10)
A Comprehensive Characterization of the Aeromonas salmonicida IncA/C Plasmid Conjugation System

2:15 pm Benjamin Keyser ('10)
The Wheat bZIP Factor, TaABF1, Mediates ABA-induced Gene Expression in Bombarded Barley Aleurone Layers.

2:30 pm Lauren Harris ('10)
The role of TaABF1 in abscisic acid-mediated suppression of α-amylase gene expression in cereal grains

2:45 pm Steven Armbrust ('10)
Vegetation Recruitment of a Restored Habitat Linkage in Tropical North Queensland: A Follow Up Study

SESSION XXXIII: PSYCHOLOGY
Roberts 223
Psychology Honors Presentations
Session Chair: Thane Pittman
1:00-3:00 PM

1:00 pm Darshini Mahadevia ('10)
Modulation of Hippocampal Development as a Function of Prenatal Choline Supplementation and Ethanol Exposure

1:30 pm Alexandra Wesnousky ('10)
I'm Really, Really Bad at Math: Competition and Self-verification Theory
2:00 pm  **Anna Kelemen** ('10), **Jessica Bond** ('10), **Hilana Bernheimer** ('10) and **Meredith Tumilty** ('10)
An Investigation of Contextual and Personal Factors for Kindergarten Literacy Development

2:30 pm  **Chelsea Stillman** ('10)
The Effects of Aging on the Survival Processing Advantage in Memory

**SESSION XXXIV: RUSSIAN STUDIES**

*CBB-USM Russian Student Symposium  
Session Chair: Julie de Sherbinin  
Lovejoy 215  
2:00-4:00 PM*

2:00 pm  **Larissa Levine** ('10), German/Russian
Nihilism and Nature in Turgenev’s Fathers and Children

2:15 pm  **Craig Zevin** ('11), German/Russian
“The Paradox of Similarity in Difference in Turgenev’s Fathers and Children”

2:30 pm  **Rebecca Chenard** ('12), German/Russian
“Flying Fish’ and other Birds: Avian Imagery in Turgenev’s Fathers and Children'

2:45 pm  **Jennifer Dahneke** ('10), German/Russian
Confinement and Escape in Nabokov’s Invitation to a Beheading

**SESSION XXXV: GOVERNMENT**

*Government Senior Thesis Presentations  
Session Chair: Joseph Reisert  
Diamond 122  
3:00 - 5:30 PM*

3:00 pm  **Zachary Ezor** ('10)
Family Ties: Mainstream Environmentalists' Understanding of Radical Environmentalism in America

3:30 pm  **Emma Hall** ('10)
Sinn Fein's Symbolic Framework: Social Movement Theory and the Irish War of Independence

4:00 pm  **Andre Rougeot** ('10)
Conditions for Containment

4:30 pm  **Haolu Wang** ('10)
The Impact of Civil Society on Democratization in China

5:00 pm  **Fiona Sheridan-McIver** ('10)
Latin Catholic Political Culture and Voluntary Association in Spain

5:30 pm  **Nicholas Bromley** ('10)
The 'Lunatic Fringe': Barry Goldwater and the Conservative Revolution of the 1960s.
SESSION XXXVI: CHEMISTRY
Chemistry Senior Presentations
3:00 PM

Adam Paine ('10)
Patterns of Apoptotic Poly (ADP-ribose) Polymerase-1 Cleavage Induced by Laromustine and its Analogs

Austin Lee ('10)
TBA

Mike Baldwin ('10)
The Analysis of Bioavailable Copper Using Desferrioxamine-B Based Ligand Extraction and Inductively Coupled Plasma Emission Spectroscopy

Eric Braunstein ('10)
Analysis of the Electron Withdrawing Capability of Acetylene Groups for Nucleophilic Aromatic Substitution

SESSION XXXVII: WOMEN'S GENDER AND SEXUALITY STUDIES
WGSS Senior Seminar
Whitney Room, Roberts
Session Chair: Lisa Arellano
3:00 - 5:00 PM

3:00 pm  Amy Weston ('10)
Cosmonette: How the Space Race Informed American Gender Construction in the 1960s

3:13 pm  Maya Steward ('10)
the Hook-Up: the Theology and Reality of Sexual Behavior at Colby College

3:30 pm  Leigh Bullion ('10)
'Difficulty with duality': Batman and Masculinity

3:45 pm  Sarena Maron-Kolitch ('10)
Raising Young Feminists in a Contemporary World

4:00 pm  Cynia Barnwell ('11)
America's Children: The Re-infantry of Female Prisoners

4:15 pm  Alison Iannotti ('11)
Gender and Race Discrimination in Sports

4:30 pm  Jessica Bushee ('11)
'The One' is the Loneliest Number: A Deconstruction of Contemporary Love and Relationships through Reality TV Romance

SESSION XXXVII: ECONOMICS
Economics Honors Presentations
Hurd Room, Roberts
Session Chair: Patrice Franko
3:00 - 5:00 PM

3:00 pm  **Isaac Opper** ('10)
Conflict and the Will to Win

3:30 pm  **Robin Daley** ('10)
Determinants of Credit Ratings for U.S. Private Colleges and Universities

4:00 pm  **Nicholas Van Nieil** ('10)
Revitalizing the Signaling Power of Class Rank at Colby College

***SESSION XXXIX:***  
**General Session**  
Smith Room, Roberts  
Session Chair: Clement Guthro

3:00 - 6:00 PM

3:00 pm  **Maureen Dunn** ('10), Psychology
Mild Traumatic Brain Injury and Advancements in Concussion Management

3:30 pm  **Kathleen Minton** ('10), Anthropology
Understanding the Mental Healthcare System for Refugees in Lewiston

4:15 pm  **Amelia Swinton** ('10), Latin American Studies
Migration, Food and Cultural Production Across Changing Afro-Ecuadorian Geographies