The Eighth Annual

A Celebration of Student Academic Achievement at Bates

Mount David Summit

Amore ac Studio

Friday, 3 April 2009
Pettengill Hall
Pettigrew Hall ~ Olin Arts Center
Schaeffer Theatre
Bates College
MOUNT DAVID SUMMIT
A Celebration of Student Academic Achievement

2:30 - 2:45 PM
Perry Atrium
Call to the Summit
The Bates Gamelan Degung Orchestra, Gina Fatone, Music, director
Lina Kong '10, Christopher Ray '10, Amrita Roy '11, and Shalini Sharan '11

Welcome
Elaine Tuttle Hansen, President
Daniel Gimbel '10, President, Bates College Student Government
Jill N. Reich, Dean of the Faculty

Pettengill Hall
9th Annual Barlow Off-Campus Study Photography Exhibition

Concurrent Session I

2:45 - 4:15 PM
Pettengill 116
From Rats to Politics: Topics in Neuroscience and Psychology
Jennifer Foster '09: The Emergence of Hippocampal Function in Contextual Fear Conditioning in a Rodent Model
Erin Bond '09: Nonsense or Common Sense?: A Critical and Realistic Approach to the Current and Future Applications of Neuroscience to Pedagogy
D. Russell Richie '09: The Role of Attention in Verbs Learning from Impending and Ongoing Models
Amy Werblin '09: God for President: Religiosity, Policy Content, and Political Endorsement in Voting Behavior
Moderator: Michael Sargent, Psychology

Pettengill 162
Screening: Film on Bolivian Prisoner's Life
William Field '10: What Runs In Our Veins: The Story of a Family, Incarcerated

NOTE: This presentation will last approximately thirty minutes.
2:45 - 4:15 PM  Civic Activism: Between the State and Society
Pettengill G21
Timothy Natriello '09 and Winthrop Rodgers '09
Moderator: William Corlett, Politics

Pettengill G52  Representation, Language, and Culture
Gretchen Grebe '09: Mesoamerican Ceramics
Mbali Ndlovu '09: The Underrepresentation of Black Women in Fashion
Moderator: Paul Heroux, Art and Visual Culture

Pettengill G63  Research in Mathematics and Physics
Cody Newman '11: Chaos in Population Modeling
David Bohl '09: End of Inflation Gravity Wave Production from Coupled Fields
Madeline White '09: Computational Models of Stars
Moderator: Meredith Greer, Mathematics

Pettengill G65  Beyond the Black Binder: The Body as Subject
Kathryn Conkling '09, Julia McCarrie '09, Ana Nicole Rodriguez '09, and Tamara Wyzanski '09
Moderator: Rebecca Herzig, Women and Gender Studies
Concurrent Session II
4:30 - 6:00 PM  Panels

Pettengill 162  Applications of Linear Algebra
Arjada Bardhi '12: From Rabbit Families to the Golden Ratio: How to Find the n-th Term of the Fibonacci Sequence
Sean Auth '12 and Khin Nin '12: Visualizing Big: 3D Objects in Two Dimensions
Nora Murray '12: Why the Quadratic Formula Is Not Holding Me Back: Finding Roots of Polynomials of Degree n
Melinda Higgons '12 and Tasnia Huque '12: Modeling Population Growth and Decline: Are Humans Becoming Extinct?
Moderator: Pallavi Jayawant, Mathematics

Pettengill G21  Sociological Perspectives on Health, Education, Law, and Politics
Eliza O'Neil '09: Nurse-Doctor Relationships in Lewiston Hospitals
Courtney Stachowski '10: Factors Affecting Women's Access to Contraception: A Case Study on Six African Countries
Mira David '09: Breaking Barriers: Parent Educational Involvement and Power-Sharing in Schools
Sadie White '09: Effect of the Discovery of Wrongful Conviction on the Death Penalty Debate
Alexander Kapelman '09: How Local Actors Mediated U.S. Influence in the Transition to Neoliberalism in Nicaragua
Grace Burton '09: The Legitimacy Craved by Dictatorships
Moderator: Francesco Duina, Sociology

Pettengill G52  Exploring Muslim Politics at Bates and in the Field
Caryn Benisch '09, Corey Pattison '09, Griffin Peterson '09, and Sami Qarmout '09
Moderator: Eric Hooglund, Politics

Pettengill G63  Language and Literature
Madison Kilbride '10: The Problem of Speech Perception from a Philosophical Perspective
Michelle Ladonne '09: Authority, Identity and Power: The Third Gender in Sixteenth-Century Spanish Mysticism
Alexis Smith '09: Female Longing for Home in Jhumpa Lahiri's *The Namesake*
Moderator: Lavina Shankar, English
4:30 - 6:00 PM
Pettengill G65  Climate Studies in the Arctic
Benjamin Levin ’09: Geographic Variation in Growth of the Greenland Cockle (Serripes groenlandicus) around Svalbard: Influence of Water Column Properties and Regional Climate Indices
Stuart Ryan ’09: Growth Rates of the Hairy Cockle (Clinocardium ciliatum) across the Barents Sea Polar Front
Moderator: William Ambrose, Biology

Pettigrew Hall
Filene Room  Screening: 371 Film Festival
Moderator: Paul Kuritz, Theater

Note: The Filene Room is on the second floor of Pettigrew Hall. Take Alumni Walk past Lane Hall to Pettigrew Hall’s main entrance, and take the stairs to the second floor.

Evening Session
7:30 PM
Schaeffer Theatre  Bates College Modern Dance Company Winter Concert of Student Choreography: Program A
Carol Dilley, Dance
Program A is repeated on Sunday, 4 April at 5:00 p.m.

Also happening on the Summit Weekend:
Saturday, 4 April
5:00 PM
Schaeffer Theatre  Bates College Modern Dance Company Winter Concert of Student Choreography: Program B
### 371 Film Festival

**Theater 371: Acting and Directing for the Camera**

- Kevin Chambers '10
- Alisa Hamilton '11
- Stephany Hernandez '11
- Jacob Lewis '09
- Cameron Maxwell '09
- Charles Niquette '12
- Matthew Paul '09

**Theater s40: Digital Video Production**

- Timothy Fox '11
- Alisa Hamilton '11
- Stephany Hernandez '11
- Matthew Reynolds '10
- Alina Volobuyeva '11

**Theater 457-458: Senior Thesis**

- Rachael Garbowski '09
- Rufat Hasanov '09
- Mariana Lidofsky '09

### Ninth Annual Barlow Off-Campus Study Photography Exhibition

**Perry Atrium and Pettengill Lobby**

- Ilana Adler-Bell '09
- David Al-Ibrahim '09
- Mark Andrews '09
- Gabriela Anhalzer '09
- Megan Arnold '09
- Katelyn Anderson '10
- Elizabeth Billington '09
- John Bladon '10
- Priya Brandes '09
- Hiu Man Christine Chiu '09
- Leah Citrin '09
- Hannah Davidoff '10
- Nicolas DeFrancis '10
- Louisa Demmitt '09
- Elizabet Dengler '10
- Jonathan Desmarais '09
- Alexandra Disney '10
- Lisa D'Oyen '09
- Alison Fanning '09
- Justin Faurer '10
- Maura Foley '09
- Craig Friedman '10
- Lily Gordon '10
- Samuel Guilford '10
- Lisa Hartung '10
- Amelia Hagen-Dillon '09
- Brendan Julian '10
- Nicole Hagen-Dillon '10
- Alexander Kelly '09
- Rebecca Lange '10
- Amy Lareau '09
- Emily Levine '09
- Kate Lyckowski '09
- Anna Mueller '09
- Anne Mueller '09
- Brodie O'Brien '09
- Manuela Odell '09
- Elise Ogden '09
- Eliza O'Neil '09
- Alyssa Pagano '10
- Nicole Ritchie '09
- Daniel Roop '10
- Miriam Schaffer '09
- Emma Scott '10
- Sara Sinicropi-Yao '10
- Laura Smith '10
- Katelyn Stetler '09
- Conor Sullivan '10
- Lindsay Thomson '10
- M. Leigh Warner '10
- Anna Yalouris '09
- Kristen Young '09
## Bates College Modern Dance Company

**Dancers**

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<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Christopher Berry '09</td>
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<td>Peter Garber '10</td>
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<td>Ana Nicole Rodriguez '09</td>
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<td>Charlotte Brill '10</td>
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<td>Rebecca Brown '11</td>
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<td>Lawrence Hinkle '09</td>
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<td>Sophia Brown '09</td>
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<td>Shaunyce Johnson '12</td>
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<td>Haley Sive '12</td>
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<td>Emma Brown-Bernstein '09</td>
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<td>Nicole Kahn '10</td>
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<td>Lindsay Swan '11</td>
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<td>Margaret Cadden '11</td>
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<td>Cem Kurtulus '09</td>
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<td>Wansit Chatikavanij '11</td>
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<td>Benjamin Levin '09</td>
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<td>Chloe Tennyson '09</td>
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<td>Lauren Christianson '12</td>
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<td>Sarah Cleary '12</td>
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<td>Giang Nguyen '12</td>
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<td>Kevin Thorson '10</td>
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<td>Nathan Cooper '09</td>
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<td>Svitlana Orekhova '09</td>
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<td>Kaitlin Webber '11</td>
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<td>Sarah Dominique '12</td>
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<td>Gina Petraccia '10</td>
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<td>Meghan Fahey '10</td>
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<td>Stephanie Fiorenza</td>
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<td>Carolyn Gallmeyer '11</td>
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<td>Eleanor Robinson '12</td>
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**Choreographers / Dancers**

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<td>Barbara Byers '10</td>
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<td>Kolby Hume '09</td>
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<td>Lindsay Reuter '12</td>
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**Lighting Designers**

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<td>Jacob Adams '12</td>
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