

The Eighth Annual

A Celebration of Student



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

Panels

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
Pettengill G21

Civic Activism: Between the State and Society

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 McCarrier '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	Jacob Lewis '09	Matthew Paul '09
Alisa Hamilton '11	Cameron Maxwell '09	
Stephany Hernandez '11	Charles Niquette '12	

Theater s40: Digital Video Production

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

Theater 457-458: Senior Thesis

Rachael Garbowski '09	Rufat Hasanov '09	Mariana Lidofsky '09
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Ninth Annual Barlow Off-Campus Study Photography Exhibition

Perry Atrium and Pettengill Lobby

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

Bates College Modern Dance Company

Dancers

Christopher Berry '09	Peter Garber '10	Ana Nicole Rodriguez '09
Charlotte Brill '10	Katherine Hines '11	Elizabeth Rogers '09
Rebecca Brown '11	Lawrence Hinkle '09	Erin Sienkiewicz '09
Sophia Brown '09	Shaunyce Johnson '12	Haley Sive '12
Emma Brown-Bernstein '09	Nicole Kahn '10	Lindsay Swan '11
Margaret Cadden '11	Cem Kurtulus '09	Katherine Taylor '11
Wansit Chatikavanij '11	Benjamin Levin '09	Chloe Tennyson '09
Lauren Christianson '12	John McDonald '09	Blaise Thompson '11
Sarah Cleary '12	Giang Nguyen '12	Kevin Thorson '10
Nathan Cooper '09	Svitlana Orekhova '09	Kaitlin Webber '11
Sarah Dominique '12	Gina Petracca '10	Joseph Williams '09
Meghan Fahey '10	Erin Pinover '12	Porsha Winters '12
Stephanie Fiorenza	Katherine Reilly '10	Irene Wood '09
Carolyn Gallmeyer '11	Eleanor Robinson '12	

Choreographers / Dancers

Barbara Byers '10	Jacob Lewis '09	Kimberly Russell '09
Samantha Coran '09	Victoria Lowe '12	Elizabeth Sweet '11
Yasin Fairley '12	Sarah O'Loughlin '11	Emily Taylor '09
Kelly Griffin '09	Claire Parker '11	
Kolby Hume '09	Lindsay Reuter '12	

Lighting Designers

Jacob Adams '12	Adam Goodwin '09	Derek Rocchini '11
Elizabeth Castellano '12	Rufat Hasanov '09	Stacia Saniuk '09
Christopher Dahlin '09	David Irons '11	Mitchell Schloss '12
Ian Dulin '12	Margaret Koerber '10	Alina Volobuyeva '11
Jennifer Flanagan '12	Mariana Lidofsky '09	