James J. Whalen
Academic Symposium

Emerson Suites
Clark Lounge
Klingenstein Lounge

March 22, 2004
9:00 a.m.–5:00 p.m.
James J. Whalen Academic Symposium

The College's first academic symposium celebrated the 22-year presidency of James J. Whalen and his strong support for undergraduate research, especially in the natural and social sciences. Held in the spring of 1997, the President's Academic Symposium showcased the work of students from both the School of Humanities and Sciences and the School of Business, providing a forum much like that of a professional conference.

H&S dean Howard Erlich observed at the time, "The symposium honors President Whalen's dedication to and support for student learning, both in the classroom and out. That so many of Ithaca College's students are engaged in significant collaborative work with the faculty is a tribute not only to the College but also to President Whalen's distinguished leadership." During his presidency Ithaca College became a founding member of the Council on Undergraduate Research, and student-faculty research productivity increased substantially. The 1993 Garfield Report, "The Role of Undergraduate Colleges in Research," placed Ithaca College in the top 5 percent of 75 undergraduate institutions for the significance of its research.

The success of the first symposium suggested its continuation. The second event, renamed the James J. Whalen Academic Symposium and held in March 1998, featured the research and creative projects of approximately 80 students from all five schools of the College. Student interest has continued to grow: the 2004 symposium involves over 100 students and more than 80 presentations. The projects represent the best student work accomplished at the College and are evidence of the important role that student-faculty collaboration plays in learning at Ithaca.
“Molecular Phylogeny of Asian Begonia: Effects of Combining Data from ITS, ndhf, and trnS-psbC”
ANTHONY SANTORIELLO

Sponsor: Susan Swensen, associate professor, biology

“Ancient Mathematical Connections for the Modern Classroom”
MARISA LEITIN, JILLIAN MOORE, AND JASMINE WALKER

Sponsor: Osman Zayed, associate professor, mathematics

“The Effects of Belief in a Just World and Outcome Magnitude on Perceptions of Blame”
JENNY ANDERSON, JESSICA BONA, HOLLY BRZUSZOWSKI, JENNIFER DITT, KELLY EASTMAN, ELIZABETH GREEN, AYLYE KEILSON, MARY KOKOSZKI, KRISTIN MICELI, LAUREN PRONG, SHANNON SAWYER, MATTHEW SIWAGGIO, NICOLE SOCCI, KERI WALCZANSKI, AND ABBI WOLFF

Sponsor: Mary Turner DePalma, associate professor, psychology

“Gender Differences in Body Image, Stress, Self-esteem, and High-Risk Media Use among College Students”
KATHARINE D'ANDREA, JENNA ENGELUND, ALEXIS FRIGA, LALOMA KAGAN, ERIKA KING, WILL MARUSICH, LAURA TROY, CHARLES VELAS, AND AMY ZACKS

“The Effects of Exposure to High-Risk Media on Three Measures of Body Image in College Males and Females”
NICHOLAS ANTICOZ, VANESSA CARASCO, MACIELEH DORLAND, EMILY GOLDHAMMER, ANNE GOLDMAN, MEGHAN MUSNICHI, JENNIFER SEVIER, AND CHARLES VELAS

“Assessing the Effectiveness of Media Literacy on Health Attitudes and Nutritional Knowledge in Grades K-1”
NICOLE GAGNON AND ANGELA TENNIS

Sponsor: Cynthia Scheibe, associate professor, psychology

4:00–5:00 p.m. KLEINSTEIN LOUNGE
Reception for all presenters, sponsors, and conveners

JAMES J. WHALEN ACADEMIC SYMPOSIUM
MONDAY, MARCH 22, 2004

ALL DAY CLARK LOUNGE

Art
Exhibition of works by
NICOLE CARROLL
JUSTIN COTE
ANNA HOIT

SPONSORS: Harry McCue, professor, art
Bruce North, assistant professor, art
Susan Weisend, associate professor, art

9:00–10:15 a.m. EMERSON SUITE A

Psychology
Convener: Nancy Rader, associate professor, psychology

“How the Perception of Authority, Gender, and Praise Affects the Performance of Undergraduates on a Cognitive Task”
ERIN TOOLEY, NICHOLAS DICKERSON, AND ADAM GRABOWSKI

“Technological Advances in Studying Infant Attention during Language Learning”
BROOKE CLARY, ERIN TOOLEY, AND RESEARCH TEAM 04

“The Key to Bluescreen”
SUHANSHU SARKA

“Effects of Praise on the Cognitive Performance of Kindergarten Children”
JAMIE-LEE TIER AND RESEARCH TEAM 04

SPONSORS: Nancy Rader, associate professor, psychology
David Coleman, systems administrator, Web, systems, and departmental services

9:00–10:15 a.m. CLARK LOUNGE

Gerontology
Convener: Patricia Lynott, assistant professor, gerontology

“Creativity and Aging”
SARAH OTIS AND LARKIN ROOF

“The Effect of Intergenerational Programs on Children’s Views of Aging”
ELIZABETH RUECKERT

“Staying Home for Life: Practical Design and Simple Home Modifications”
KARISHA WILCOX

“Barriers Facing Participation in Creative Aging Programs”
DOMINIQUE GUIDALUPE
9:00–9:45 a.m.  EMERSON SUITE C

Physics and Chemistry
Convener: Bruce Thompson, assistant professor, physics
“Time Series Analysis of Elephant Acoustic and Seismic Signals”
Alexander Williamson
Sponsor: Bruce Thompson, assistant professor, physics
“A Study of the Formation of Solar Systems Orbiting Other Stars”
David Whelan
Sponsor: Luke Keller, assistant professor, physics
“Measurement of the Rotation Curve of the Asteroid 370 Modesta”
Philip Slengerland
Sponsor: Daniel Briottet, associate professor, physics
“Computational Investigations of Resonance Stabilization for a Taxaphyrrin-like Macrocycle”
Zachary Bogusz
Sponsor: Vincent DeTuri, assistant professor, chemistry

9:00–11:30 a.m.  EMERSON SUITE B

Environmental Studies
Convener: John Confer, associate professor, biology
“Writings on the Environment”
Christine Klink
Sponsor: Marlene Kobre, assistant professor, writing
“Solar Photovoltaic Project with EcoVillage”
Kyle Block, Lauren Spitz, Marisa Wilson, Cory Lahnbeuter, Zachary Colella, and David Ross
Sponsors: Susan Allen-Gil, assistant professor, biology
John Hopple, assistant professor, biology
Greg Pits, EcoVillage
“The Cayuga Waterfront Trail—a Better Way: Assesment of the City of Ithaca Proposal by Students in the Environmental Studies Capstone Course”
Paul Brown
Sponsor: Frederik Kaufman, associate professor, philosophy and religion
John Confer, associate professor, biology
“The Effects of Simulated Herbivory on Soybean Leaf Function”
Joseph Resti
Sponsor: Jason Hamilton, assistant professor, biology
“Experimental Management of Utility Rights-of-Way and Avian Diversity”
Mary-Elizabeth Silvia and Vincent Frary
Sponsor: John Confer, associate professor, biology
“Energy Conservation on the Ithaca College Campus”
David Ross

2:45–4:00 p.m.  CLARK LOUNGE

Martin Luther King Jr. Scholar Program—“Losing Our Luggage and Finding a New Perspective: MLK Trip to Ghana”
Convener: Jeff Claus, associate professor, Center for Teacher Education
Mariani Isreal and Hugo Valencio
“Child Trafficking in Ghana: The Economic Influences surrounding Child Labor Issues”
Jonathan Mack
“Health Care in Ghana and the United States: Perspectives before and after Travel”
Courtney Pick and Frank Wu
“Through Eyes Wide Open: A View of Environmental Politics”
Sarah Kessler, Laura Tellen, Julie Perring, and Jazmin Correa
“Defending Indigenous Roots: Culture and Education”
Kimberly Cyrille, Joseph Ewoodee, and Mandi Morningstar
“Foreign Media Influence on Culture”
Angela Ellison and Daniel Tirr
“Tourists’ Tours and Us: The Effects of Tourism and Their Links to the Westernization of Ghanaian Culture”
Kim Gilliam, Regina Hermosillo, Kristopher Hughes, Amanda Bothick, and KT Bender

3:00–4:00 p.m.  EMERSON SUITE A

Politics 2
Convener: Zillah Eisenstein, professor, politics
“Thinking from ‘Elsewhere’ about September 11, 2001”
Laurel Adler, Nicole Carroll, Andrea Nelson, Amanda Popielski, Katherine Reilly, Zeshan Salarudin, Manu Sanontra, Megan Sullivan, Alexes Venuti, and Sarah Whiting
Sponsor: Zillah Eisenstein, professor, politics

3:00–4:00 p.m.  EMERSON SUITE C

Poster Session: Biology, Environmental Studies, Mathematics, and Psychology
“Being Stretched at Both Ends: Moving Water from the Root to the Leaf”
Eleanor Lahr
"The Effects of Corporate Financial Decisions on the Stock-Market Performance of the Airline Industry"
JASON LEVINE, THALIA CHRISTODOULIDOU, GARRETT FRIEDMAN, AND STEPHEN WINSLOW
Sponsor: Vigdis Boasson, assistant professor, business administration
"Is Paying Dividends Better? A Comparative Performance Analysis"
RUMANGO NYAMBUWA
Sponsor: Alka Bramhandkar, associate professor, business administration

**1:30–2:45 p.m.**  EMERSON SUITE A

**Politics 1**
**Convenor:** Zillah Eisenstein, professor, politics
"Racialized Patriarchy 2003–2004: The Afghan and Iraq Wars"
JULIA ABRAMOFF, ABI BABICH, HALLE BERG, KATHERINE KOCHMAN, BENJAMIN KIRUNA, ALLISON MITCHELL, KIMBERLY POWERS, AND MOLLY RIERDAN
Sponsor: Zillah Eisenstein, professor, politics

**2:45–4:00 p.m.**  KLINGENSTEIN LOUNGE

**Humanities**
**Convenor:** James Swafford, associate professor, English
"The Size of the Ancient Mariner"
EARL LOBPHAUGH
Sponsor: James Swafford, associate professor, English
"Hannah Wilke: Youth, Old Age, and Illness"
SARAH HIGGINS
Sponsor: Carolyn Straughan, assistant professor, art history
"Opera and the New South Africa"
JAMES NAPOLI
Sponsor: Rebecca Lemian, assistant professor, music theory, history, and composition
"The Good Life"
CLIFFORD SOSSS
Sponsor: Michael McKenna, associate professor, philosophy and religion.

**2:15–3:45 p.m.**  EMERSON SUITE B

**Legal Studies**
**Convenor:** Marlene Barker, associate professor, business administration
"Guantanamo Bay: The Role of U.S. Courts in the War against Terrorism"
DANIELLE D’ABATE
"Ambush Marketing"
MICHAEL AHL
"Tort Reform and Medical Malpractice"

**9:00–11:30 a.m.**  KLINGENSTEIN LOUNGE

**Economics 1: Industry Studies**
**Convenor:** Elia Kacapy, professor, economics
"The Economics of Pharmaceutical Pricing"
JASON BONDERENKO
"A Quantitative Analysis of the Pharmaceutical Industry"
JARED SEYMOUR
Sponsor: Frank Musgrave, professor, economics
"The Role of Agriculture in Economic Growth and the Recent Trade Rounds"
SCOTT ZIMMERMAN
Sponsor: Roger Hinderliter, associate professor, economics

**Economics 2: Economic Studies**
**Convenor:** Elia Kacapy, professor, economics
"Inventory Carryover in Posted-Offer Markets"
CRAG BURKOWITZ
Sponsor: William Kolberg, associate professor, economics
"Advertising: Strategic Complements and Substitutes in a Duopoly"
THALIA CHRISTODOULIDOU
Sponsor: Patrick Meister, assistant professor, economics
"Globalization and the Gender Wage Gap in Singapore and Cyprus"
MEGAN KELLY
Sponsor: Shainanne Osterholt, assistant professor, economics

**10:30–11:45 a.m.**  EMERSON SUITE A

**Sport Management and Media**
**Convenor:** Stephen Mosher, professor, sport management and media
"The Battle for our Mind and Body: Conflicting Cultural Messages of Femininity"
RENEE CARLINO
Sponsor: Ellen Staurowsky, professor, sport management and media
"Youth Cheerleading: From Make-up to Morals to Money"
CASSE SAPRIT
"Dreaming about My 'Sport Creed'"
BRIAN COLUCCIA
Sponsor: Stephen Mosher, professor, sport management and media

**10:30 a.m.–12:30 p.m.**  CLARK LOUNGE

**Writing**
**Convenor:** Marian MacCurdy, associate professor, writing
Selected works will be read by students and announced at the session.
Noon-1:15 p.m.  EMERSON SUITE A

Anthropology

**Convener:** Brooke Olson, assistant professor, anthropology

"Paganism and Style: How Jewelry Expresses Spirituality"

**Kelli Grant**

**Sponsor:** Brooke Olson, assistant professor, anthropology

"Lithics from the Corey Site, an Early Haudenosaunee Village near Aurora"

**Martin Smith**

**Sponsor:** Jack Rossen, assistant professor, anthropology

"Karaoke as Ritual: Playing with Identities"

**Colleen Bianco**

**Sponsor:** Stacia Zabosky, adjunct instructor, anthropology

Noon-1:15 p.m.  EMERSON SUITE B

Communications

**Convener:** Guillermo Caliendo, assistant professor, speech communication

"An Absence of Incongruent Goals in Applied Communication: A Precursor for Ineffective Communication on the Television Show Boston Public"

**Shane Dunn**

**Sponsor:** Guillermo Caliendo, assistant professor, speech communication

"GIAC Project"

**Julian Mackler**

**Sponsor:** Janice Levy, associate professor, cinema and photography

"Journalism Investigation: The Potential Impact of Bush's 'Foreign Worker' Proposal"

**Wendi Dows and Joni Carrasco**

**Sponsor:** Nedal Loop, assistant professor, journalism

Noon-1:45 p.m.  BLINGENSTEIN LOUNGE

History: "Social, Political, and Cultural 'Theater': Four Historical Case Studies"

**Convener:** Vivian Bruce Conger, assistant professor, history

"Architecture and Consumer Culture in Eighteenth-Century Massachusetts: The Differences between Agricultural and Merchant Societies in Newbury and Newburyport"

**Emily Evans**

**Sponsor:** Vivian Bruce Conger, assistant professor, history

"Paris Peace Conference 1919: Georges Clemenceau and French Security"

**Douglas Fowler**

**Sponsor:** Harold Emery, professor, history

"Mosby and His Partisans: Their Exploits and Legacy in the Civil War"

**Seth Molinari**

Noon-2:30 p.m.  EMERSON SUITE C

Mathematics

**Convener:** David Brown, assistant professor, mathematics

"Operational Properties of L2-Transforms and Their Applications"

**Rens Karpil**

"Operational Properties of L2-Transforms Applied to Differential Equations"

**Mattika Ehshtari**

"Fourier Series and Wavelets"

**Melissa Eitore and Jason Harris**

**Sponsor:** Osman Yürekli, associate professor, mathematics

"Newton's Method Applied to Fibonacci Numbers"

**Neil Breaux and Laura Hayes**

**Sponsors:** David Brown, assistant professor, mathematics

Osman Yürekli, associate professor, mathematics

"Dynamics of the Cosine-Root Family"

**Matthew Halstead**

"Optimal Subway Placements"

**Donny Ting**

"Density of Path Lengths in Fractal Trees"

**William Sendlewicz and Chloe Epstein**

**Sponsor:** David Brown, assistant professor, mathematics

"The Odds of Landing on Boardwalk: A Mathematical Approach to Monopoly"

**Matthew Danny and Lindsey Moon**

**Sponsor:** Thomas Pfaff, assistant professor, mathematics

1:00-2:45 p.m.  CLARK LOUNGE

Business

**Convener:** Vigdis Boasson, assistant professor, business administration

"The Effects of Corporate Financial Decisions on the Stock-Market Performance of the Biotechnology Industry"

**Tiffany Kuboske, Pamela Goodison, and Lisa Kopek**

"The Effects of Corporate Financial Decisions on the Stock-Market Performance of the Pharmaceutical Industry"

**Cory Lehnhuter, Michael Diener, and Stephanie Beaure**