

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.

## ACADEMIC ADMINISTRATION

Peggy R. Williams, President  
Peter W. Bardaglio, Provost and Vice President for Academic Affairs  
Garry L. Brodhead, Associate Provost  
Tanya Saunders, Assistant Provost

### School of Business

Robert A. Ullrich, Dean  
Hugh C. Rowland, Associate Dean

### Roy H. Park School of Communications

Garry L. Brodhead, Interim Dean  
Virginia Mansfield-Richardson, Associate Dean

### School of Health Sciences and Human Performance

Steven Siconolfi, Dean  
Patricia Green, Associate Dean  
Janet Wigglesworth, Assistant Dean

### School of Humanities and Sciences

Howard S. Erlich, Dean  
David Garcia, Associate Dean  
Janet Reohr, Interim Associate Dean

### School of Music

Arthur E. Ostrander, Dean  
William L. Pelto, Associate Dean

### Division of Interdisciplinary and International Studies

Tanya Saunders, Dean

### Support Staff in the Office of the Provost and Vice President for Academic Affairs

Judith Dresser, Executive Assistant to the Provost and Vice President for Academic Affairs  
Rosalie Fitzgerald, Assistant to the Assistant Provost and Dean of Interdisciplinary and International Studies  
Esther Radoja, Administrative Assistant  
Peggy Termina, Faculty Information Specialist  
Laurie Wasik, Administrative Assistant to the Associate Provost

"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"

MARISSA LEVINE, JILLIAN MOLER, AND JASMINE WALKER

*Sponsor:* Osman Yürekli, associate professor, mathematics

"The Effects of Belief in a Just World and Outcome Magnitude on Perceptions of Blame"

JENNY ANDERSON, JESSICA BONA, HOLLY BRZOZOWSKI, JENNIFER DITT, KELLY EASTMAN, ELIZABETH GREEN, ALYSE KEILSON, MARY KOKOSZKI, KRISTIN MICELI, LAUREN PRONE, SHANNON SAWYER, MATHEW SILVAGGIO, NICOLE SOCCI, KERI WALCZYNSKI, AND ABBY 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 ENGLUND, 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 ANT CZAK, VANESSA CARRASCO, MACILEIGH DORLAND, EMILY GOLDHAMMER, ANNE GOLDMAN, MEGHAN MUSNICKI, 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.

KLINGENSTEIN 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, NIKOLAS DICKERSON, AND ADAM GRABOWSKI

"Technological Advances in Studying Infant Attention during Language Learning"

BROOKE CLEARY, ERIN TOOLEY, AND RESEARCH TEAM '04

"The Key to Bluescreen"

SUDHANSHU SARIA

"Effects of Praise on the Cognitive Performance of Kindergarten Children"

JAMIE-LEE TEER 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 RUCKERT

"Staying Home for Life: Practical Design and Simple Home Modifications"

KARISHA WILCOX

"Barriers Facing Participation in Creative Aging Programs"

DOMINIQUE GUADALUPE

9:00–10:45 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 Modestia”

PHILIP SLINGERLAND

*Sponsor:* Daniel Briotta, associate professor, physics

“Computational Investigations of Resonance Stabilization for a Texaphyrin-like Macrocyclic”

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 KLUNK

*Sponsor:* Marlene Kobre, assistant professor, writing

“Solar Photovoltaic Project with EcoVillage”

KYLE BLOCK, LAUREN SPITZ, MARISA WILSON, CORY LEHNBELTER, ZACHARY COLETTA, AND DAVID ROSS

*Sponsors:* Susan Allen-Gil, assistant professor, biology

John Hopple, assistant professor, biology

Greg Pitts, EcoVillage

“The Cayuga Waterfront Trail—a Better Way: Assessment of the City of Ithaca Proposal by Students in the Environmental Studies Capstone Course”

PAUL BROWN

*Sponsors:* 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

*Sponsor:* Beth Ellen Clark Joseph, assistant professor, physics

“Learning Experiences in Legal Studies”

KATHERINE CENTRELLA

*Sponsors:* Marlene Barken, associate professor, business administration

Gwen Seaquist, associate professor, business administration

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

“The Impact of Globalization and Influence: Questions of Social Justice”

MARJANI ISREAL AND HUGO VALENCIA

“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 PECK AND FRANK WU

“Through Eyes Wide Open: A View of Environmental Politics”

SARAH KESSLER, LAURYN TILLERY, JULIE PERNG, AND JAZMIN CORREA

“Defending Indigenous Roots: Culture and Education”

KIMBERLY CYRILLE, JOSEPH EWOODZIE, AND MANDI MORNINGSTAR

“Foreign Media Influence on Culture”

ANGELITA ELLISON AND DANIEL TARR

“Sunseekers Tours and Us: The Effects of Tourism and Their Links to the Westernization of Ghanaian Culture”

KIM GILLMAN, REGINA HERMOSILLO, KRISTOPHER HUGHES, AMANDA BOSTICK, AND KT BENDER

3:00–4:00 p.m.

EMERSON SUITE A

## Politics 2

*Convener:* Zillah Eisenstein, professor, politics

“Thinking from ‘Elsewheres’ about September 11, 2001”

LAUREN ADLER, NICOLE CARROLL, ANDREA NELSON, AMANDA POPIELSKI, KATHERINE REILLY, ZEESHAN SALAHUDDIN, MANU SAMNOTRA, 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"

RUNGANO NYAMBUYA

*Sponsor:* Alka Bramhandkar, associate professor, business administration

1:30–2:45 p.m.

EMERSON SUITE A

## Politics 1

*Convener:* Zillah Eisenstein, professor, politics

"Racialized Patriarchy 2003–2004: The Afghan and Iraq Wars"

JULIA ABRAMOFF, ARI BABICH, HALLEE BERG, KATHERINE KOCHMAN, BENJAMIN KURUNA, ALLISON MITCHELL, KIMBERLY POWERS, AND MOLLY RIORDAN

*Sponsor:* Zillah Eisenstein, professor, politics

2:00–3:30 p.m.

KLINGENSTEIN LOUNGE

## Humanities

*Convener:* James Swafford, associate professor, English

"The Size of 'The Ancient Mariner' "

EARL LORSHBAUGH

*Sponsor:* James Swafford, associate professor, English

"Hannah Wilke: Youth, Old Age, and Illness"

SARAH HIGGINSON

*Sponsor:* Carolyn Straughan, assistant professor, art history

"Opera and the New South Africa"

JAMES NAPOLI

*Sponsor:* Rebecca Jemian, assistant professor, music theory, history, and composition

"The Good Life"

CLIFFORD SOSIS

*Sponsor:* Michael McKenna, associate professor, philosophy and religion

2:15–3:45 p.m.

EMERSON SUITE B

## Legal Studies

*Convener:* Marlene Barken, 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

*Convener:* Elia Kacapyr, 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

*Convener:* Elia Kacapyr, professor, economics

"Inventory Carryover in Posted-Offer Markets"

CRAIG BERKOWITZ

*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:* Shaienne Osterreich, assistant professor, economics

10:30–11:45 a.m.

EMERSON SUITE A

## Sport Management and Media

*Convener:* Stephen Mosher, professor, sport management and media

"The Battle for our Mind and Body: Conflicting Cultural Messages of Femininity"

RENEE CARLINEO

*Sponsor:* Ellen Staurowsky, professor, sport management and media

"Youth Cheerleading: From Make-up to Morals to Money"

CASSIE SAFRIT

"Dreaming about My 'Sport Creed' "

BRIAN COLICCHIA

*Sponsor:* Stephen Mosher, professor, sport management and media

10:30 a.m.–12:30 p.m.

CLARK LOUNGE

## Writing

*Convener:* 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 Zabusky, 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 DOWST AND JONI CARRASCO

*Sponsor:* Mead Loop, assistant professor, journalism

Noon-1:45 p.m.

KLINGENSTEIN 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 MOLISANI

"The Consumption of Entertainment in Eighteenth-Century America: How Theater, Music, and Dancing Stimulated the Consumer Revolution"

STEVEN SPROUSE

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

Noon-2:30 p.m.

EMERSON SUITE C

## Mathematics

*Convener:* David Brown, assistant professor, mathematics

"Operational Properties of L2-Transforms and Their Applications"

RENIS KARIQI

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

MATRIKA BHATTARAI

"Fourier Series and Wavelets"

MELISSA LATORE AND JASON HARRIS

*Sponsor:* Osman Yürekli, associate professor, mathematics

"Newton's Method Applied to Fibonacci Numbers"

NEIL BREault 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 TANG

"Density of Path Lengths in Fractal Trees"

WILLIAM SENDEWICZ AND CHLOE EPSTEIN

*Sponsor:* David Brown, assistant professor, mathematics

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

MATTHEW DARBY AND LINDSAY MONK

*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 LEHNBEUTER, MICHAEL DIENER, AND STEPHANIE BEAUDET

"The Effects of Corporate Financial Decisions on the Stock-Market Performance of the Electronics Equipment Manufacturing Industry"

KEVIN HANLY, ERIC KAHLER, RACHEL PINKER, ANDREW BLUMENTHAL, AND