

**James J. Whalen
Academic Symposium**

**Emerson Suites
Clark Lounge
Klingenstein Lounge**

**April 6, 2005
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 2005 symposium involves over 200 students and more than 120 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

Susan West Engelkemeyer, Dean
Hugh C. Rowland, Associate Dean

Roy H. Park School of Communications

Dianne M. Lynch, 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 García, Associate Dean
Janet Reohr, Associate Dean

School of Music

Arthur E. Ostrander, Dean
William L. Pelto, Associate Dean
Mark Fonder, Interim 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

Marian Brown, Special Assistant to the Provost and Vice President for Academic Affairs
Rosalie Fitzgerald, Assistant to the Assistant Provost and Dean of Interdisciplinary and International Studies
Cynthia Neal, Executive Assistant to the Provost and Vice President for Academic Affairs
Esther Radoja, Executive Secretary to the Provost and Vice President for Academic Affairs
Peggy Termina, Faculty Information Specialist
Laurie Wasik, Administrative Assistant to the Associate Provost

NOON–1:30 p.m.

EMERSON SUITE B

Sustainability Keynote Session

Musical Prelude

“This We Know” from *Gaia: An Ode to the Earth* by Dana Wilson

KIMBERLY BUCZEK, SOPRANO

NOELLE DREWES, OBOIST

CLAUDIA TOMSA, PIANO

Introduction and Remarks

PETER W. BARDAGLIO, PROVOST AND VICE PRESIDENT FOR ACADEMIC AFFAIRS

Keynote Address: “Sustainability on Campus: Stories and Strategies for Change”

GEOFFREY CHASE, DEAN, DIVISION OF UNDERGRADUATE STUDIES, SAN DIEGO STATE UNIVERSITY

Workshop: “One Building at a Time: Pointers from the CNS Sustainability Group”

NOON–1:30 p.m.

EMERSON SUITE C

Gerontology

Convener: Patricia Lynott, assistant professor, gerontology

“Older Renters: Challenges and Solutions”

KARISHA WILCOX

Sponsor: Mary Ann Erickson, assistant professor, gerontology

“Unsung Heroines of Their Institutions: The Work Environment of Rural Nurse Aides”

EMILY KEPPLER

“The Snoezelen Method: A New Alternative in Dementia Therapy”

ANDREW BAKER

“Crossing Borders”

JESSICA MCNAMARA

“Spirituality and Support Networks: The Ubiquitous Relationship”

BERNARD HOGBEN

Sponsor: Patricia Lynott, assistant professor, gerontology

12:30–1:45 p.m.

CLARK LOUNGE

Anthropology

Convener: Michael Malpass, professor, anthropology

“The Power of Collective Memory”

ZAHIDA SHERMAN

“Constructing Community at EcoVillage: An Ethnographic Exploration”

10:15–11:45 a.m.

EMERSON SUITE C

Legal Studies

Conveners: Marlene Barken, associate professor, business administration and legal studies
Gwen Seaquist, associate professor, business administration and legal studies

“The Constitutionality of the Pledge of Allegiance”

NICOLE SOCCI

“Agriculture Clean Water”

JESSE STEFFY

“Applying Obscenity Law to Electronic Media”

TIMOTHY CHRETIEN

“Racial Discrimination in Private Clubs”

JOANNE BARKEN

Sponsors: Marlene Barken, associate professor, business administration and legal studies
Gwen Seaquist, associate professor, business administration and legal studies

10:30 a.m.–NOON

CLARK LOUNGE

Martin Luther King Jr. Scholar Program

Convener: Sean Eversley-Bradwell, assistant professor, Center for Teacher Education

“Pura Vida: An Unforeseen Catalyst for Social Change”

CATHERINE BENDER, AMANDA BOSTICK, KIMBERLY GILLMAN, KRISTOPHER HUGHES, MARJANI ISREAL, JONATHAN MACK, MANDI MORNINGSTAR, COURTNEY PECK, DANIEL TARR, AND HUGO VALENCIA

10:45–11:30 a.m.

EMERSON SUITE A

Communications 1

Convener: Kim Gregson, assistant professor, television and radio

“How Do People Perceive ESRB Ratings and Content Descriptors Based on Video Game Packaging?”

JESSICA CALDWELL, JESSICA SHERLOCK, AND LINDSAY WALKER

“How the Buying Habits of Computer and Video Games Differ from Male to Female College Students”

SARAH COMEAU AND HILLARY GOZIGIAN

“Product Placement in the Media”

KATHARINE BATSON AND MICHAEL CARROLL

“Females and Video Games: Are They Playing? What Are They Playing? Why Are They Playing?”

JOSUË BRUNDT, GREGORY HARRIS, MATTYUN LEE, AND MICHAEL POTTER

11:00 a.m.–1:00 p.m.

KLINGENSTEIN LOUNGE

Writing

Convener: Mary Beth O'Connor, assistant professor, writing

"Mayble Teeter"

CATHERINE CAMPBELL

Sponsor: Sally Parr, assistant professor, writing

"They Say They Saw the Lake"

SARA DECOTIS

"Just a Shell"

CHRISTOPHER WRIGHT

"As Though It Was Not a Big Deal"

KIMBERLY SAWITZ

"When She Left"

JESSICA LANGAN-PECK

Sponsor: Linda Godfrey, assistant professor, writing

"Homeville Museum"

MORGAN STEELE

Sponsor: Patricia Spencer, assistant professor, writing

"My First Grade Teacher Died of AIDS"

"I've Never Been Fishing with My Father"

"Stolen"

"Homemade Memorials"

ANDREW GAEL

Sponsors: Katharyn Howd Machan, associate professor, writing

Mary Beth O'Connor, assistant professor, writing

"Excerpt from Autobiography"

MARISSA LANDRIGAN

Sponsor: Gigi Marks, assistant professor, writing

"All Mermaids Are Lesbians"

"Leukemias, Chronic"

"The Evil Eye"

"In the Dark"

GINA EVERS

Sponsor: Katharyn Howd Machan, associate professor, writing

"Winter in the Blood: Memory and Storytelling"

ASHLEY MOSHER

Sponsor: Marlene Kobre, assistant professor, writing

"Her Third Charm"

CATHRYN JARVIS

Sponsor: Sally Parr, assistant professor, writing

"The Fire-Maker"

"Leaving the Gossett Center"

AMY MONTICELLO

Sponsor: Jerald Mirskin, associate professor, writing

"What We Lost"

BOBBI AHEARN

Sponsor: Tom Kerr, assistant professor, writing

"My Birthday with Charlie"

ALISON SEIDMAN

Sponsor: Sally Parr, assistant professor, writing

"Dry Highway Coyotes"

"River Bottom"

"Love Poem by Sam Peckinpah"

SEAN FRASIER

Sponsor: Katharyn Howd Machan, associate professor, writing

"Kind and Loving God"

MEG FAVREAU

"Dirty Hands"

SARA DECOTIS

Sponsor: Sally Parr, assistant professor, writing

11:30 a.m.–12:15 p.m.

EMERSON SUITE A

Communications 2

Convener: Mead Loop, associate professor, journalism

"New Longview Website"

EMILY BROWN

"Fad Diet Phenomenon Documentary"

EMILY LIU AND COURTNEY MITCHELL

Sponsor: Mead Loop, associate professor, journalism

"The Sunshine Home for Girls: My Experience Photographing in Antigua"

HEATHER MATTHEWS

Sponsor: Janice Levy, associate professor, photography

"Toward a Sustainable Campus, Part III: Improving Efficiency of the Ithaca College CNS Building Laboratory Energy Systems"

ALLISON KRASNOW

Sponsors: Beth Ellen Clark Joseph, assistant professor, physics
Jon Harrod, EcoVillage

"Geothermal Heat Pumps for Ithaca College"

SANYA LEVI

"Wind Power for Ithaca College"

ALLISON KRASNOW

"Changing Personal Behaviors: Energy Conservation on Campus"

KATHLEEN MCCARTHY

Sponsors: Susan Allen-Gil, associate professor, biology
Mark Darling, supervisor, recycling and resource management program

"Permaculture Possibilities on the Ithaca College Campus"

MEGAN CANTRELL

Sponsor: Elan Shapiro, lecturer, biology

"A Greenhouse Design Using Heat from the Ithaca College Compost, Part I: Plants and Building Shell"

STEPHEN BUCHANAN

"A Greenhouse Design Using Heat from the Ithaca College Compost, Part II: Solar and Radiant Energy"

STEPHEN FIGGATT

Sponsors: Beth Ellen Clark Joseph, assistant professor, physics
Mark Darling, supervisor, recycling and resource management program

1:30–4:00 p.m.

EMERSON SUITE A

Mathematics

Convener: David Brown, assistant professor, mathematics

"Black Code Finger Games with an Even Number of Fingers"

HEATHER BYRNE AND ERIN SOLFIELL

"Binary Finger Games"

ERICA COHEN AND DOUGLAS ROBINSON

"Black Code Finger Games with an Odd Number of Fingers"

PATRICK ENGLE AND DANIEL RICHARDS

Sponsor: John Rosenthal, professor, mathematics

"Deletion and Contraction Games: Deriving (Chromatic) Polynomial Identities"

DONNY TANG

"The Chromatic Polynomial of $P_2 \times P_n$ "

JASMINE WALKER

9:00–10:15 a.m.

KLINGENSTEIN LOUNGE

Park Scholar Program: "Media Making a Difference"

Convener: Matthew Fee, Park scholar director, communications

"iMPrint Magazine"

CHRISTOPHER BAXTER

"Either Or / Neither Nor"

SARAH JOHNSON

"Jolly Black Slaves"

JEREMY LEVINE

"Hasta la Victoria: Community Radio in a Post-Revolutionary Society"

KATHLEEN SHEPPARD

9:00–10:30 a.m.

EMERSON SUITE A

Physics and Chemistry

Convener: Bruce Thompson, assistant professor, physics

"Heat Flow in Copper and Gold"

ALEXANDER WILLIAMSON

"Observations of Stellar Occultations"

TAYZA YEELIN

Sponsor: Bruce Thompson, assistant professor, physics

"Probing the Physical Characteristics of Young Planet-Forming Stars Using Emission from Complex Molecules"

ERIC LEIBENSPERGER

"Hot Molecular Gas Orbiting Young Stars: Planet-Forming Disks or Small Stellar Companions?"

DAVID WHELAN

Sponsor: Luke Keller, assistant professor, physics

"Nanocubic Copper Oxide Solar Cell"

THOMAS POLSON

Sponsor: Akiko Fillinger, assistant professor, chemistry

"Proton Transfer Reaction Path Calculations in a Chloroform-Methoxide/Methanol System"

DANIEL CORDARO

Sponsor: Vincent DeTuri, assistant professor, chemistry

"Deconvolving Terrestrial Alteration Mineral Spectral Signatures from Meteorite Reflectance Measurements"

SWETA SHAH

Sponsor: Beth Ellen Clark Joseph, assistant professor, physics

9:15 a.m.–NOON

EMERSON SUITE B

Sustainability

The following poster will be on display all day:

“The Management Plan for the Natural Areas of South Hill”

KYLE BLOCK, GARIK CHARNECO, JENNIFER CRAMER, TYLER EUSDEN, PAULA FRIEDLUND,
JACOB WALLACK, AND TITANIA WARD

Sponsor: John Confer, associate professor, biology

Welcome and Introductory Remarks

SUSAN ALLEN-GIL, ASSOCIATE PROFESSOR, BIOLOGY

MARLENE BARKEN, ASSOCIATE PROFESSOR, BUSINESS ADMINISTRATION AND LEGAL STUDIES

“Amphibian Migration and Road Mortality”

TYLER EUSDEN, NOLAN FLORES, BRYAN GAMMONS, AND ANTHONY PARISI

Sponsor: John Confer, associate professor, biology

“Efficacy in Environmental Reform”

ANTHONY SANTORIELLO

Sponsor: Jason Hamilton, assistant professor, biology

“Best Sustainability Practices: Global Case Studies of the Automobile and
Pharmaceutical Companies”

DIANA JETHWANI

Sponsor: Hormoz Movassaghi, professor, business administration

“Stakeholder Salience, Shifting Networks, and Sustainability”

KRASIMIRA GEORGIEVA

Sponsor: David Saiia, assistant professor, business administration

“Moving toward Sustainable Labor Practices: Sweatshop Operation and
Regulation”

LAURA HERING

Sponsor: Marlene Barken, associate professor, business administration
and legal studies

“Transference of Minimum Impact Ethics for Backcountry to the Built
Environment”

LUCAS OWENS

“Sustainable Park Planning and Design Using Geographic Information
Systems”

CAROLYN CLARVOE

Sponsor: Rob Porter, assistant professor, therapeutic recreation and leisure services

“Green Buildings Virtual Tour”

CAROLYN PENDER

“Kusirimaka: Stress in the Lives of Women in Mgange Dawida, Kenya”

GILLIAN KITCHINGS

“Assumptions of Flamenco”

LAUREN HOUGHTON

Sponsor: Michael Malpass, professor, anthropology

1:15–2:30 p.m.

KLINGENSTEIN LOUNGE

English

Convener: Claire Gleitman, associate professor, English

“The Use of Storytelling to Preserve Native American Culture in the Novels of
Louise Erdrich”

DANIELLE COSTA

Sponsor: Hugh Egan, professor, English

“Still I Rise: A Collection of Voices Unheard—Until Now”

HEATHER GORMAN

Sponsor: Katharine Kittredge, associate professor, English

“Shakespeare’s Vampires”

ANTHONY PORRECA

Sponsor: Wendy Hyman, assistant professor, English

“‘What Are You Meant to Mean?’ Dismemberments of the Self in Samuel
Beckett’s Drama”

MEGHAN WALSH

Sponsor: Claire Gleitman, associate professor, English

“The Elusive Helen...of Troy?”

JENNIFER CRONENBERG

Sponsor: James Swafford, associate professor, English

1:30–4:00 p.m.

EMERSON SUITE B

Sustainability

“Toward a Sustainable Campus, Part I: A Model of the Ithaca College CNS
Building Footprint”

ANTHONY SANTORIELLO

Sponsor: Susan Swensen, associate professor, biology

“Toward a Sustainable Campus, Part II: Improving Efficiency of the Ithaca
College CNS Building Energy Systems”

NITIN RAJAN

Sponsor: Beth Ellen Clark Joseph, assistant professor, physics

"CARICOM and Jamaica—Banana Industry Case Study"

ALESHA SIMPSON

Sponsor: Shaienne Osterreich, assistant professor, economics

2:00–3:15 p.m.

CLARK LOUNGE

History: Anatomies of Oppression—Three Historical Case Studies

Convener: Michael Smith, assistant professor, history

"The Katyn Forest Massacre: A Microcosm of Stalin's Class Cleansing Policies"

JOHN DOWLING

Sponsor: Zenon Wasylwiw, associate professor, history

"The Spirit of Progress: European-American Attitudes and Actions toward the Relationship between Native Americans and the Environment"

ELIZABETH GARDINER

Sponsor: Michael Smith, assistant professor, history

"Rotten Fruit: The Eco-Social Ramifications of Alienating the American Public from the Industrial Production of Bananas in Central America"

JARED SILVA

Sponsor: Michael Smith, assistant professor, history

2:45–4:00 p.m.

KLINGENSTEIN LOUNGE

Multidisciplinary Session: Philosophy, Music, and Business

Convener: Sean McKeever, assistant professor, philosophy

"What Good Is a Friend?"

HEIDI MILLER

Sponsor: Sean McKeever, assistant professor, philosophy

"A Principle of Caution and the Strong Asymmetry Thesis"

DENNIS STARKER

Sponsor: Frederik Kaufman, associate professor, philosophy

"Radiohead's Kid A: An Interdisciplinary Approach"

ROGER GRANT

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

"Linking Classroom and Business Using Cooperative Learning"

STEPHANIE HUNT

Sponsor: Granger Macy, associate professor, business administration

4:00–5:00 p.m.

CLARK LOUNGE

Reception for all presenters, sponsors, and conveners

JAMES J. WHALEN ACADEMIC SYMPOSIUM

WEDNESDAY, APRIL 6, 2005

ALL DAY

EMERSON LOBBY

Posters will be on display all day. The poster presentation session will be held from 3:00–4:00 p.m.

"A Needs Assessment of Patient Compliance at the Guthrie Clinic, Ithaca, New York"

DANIEL BRAINARD, NATASHA LAMB, ASHLEY MARSHALL, AND KELLY MCCARTHY

"Evaluation of the Health and Fitness Expo 2004"

GLENN ASHLINE, KIMBERLY BURNS, JEWEL ROMAN, AND ERICA WEISS

"Contraceptive Use among Ithaca College Students"

CORINNE MCDANIELS, LINDSAY MORAITIS, STACIE ROBERTS, AND MEGHAN STRONG

Sponsor: Srijana Bajracharya, associate professor, health promotion and physical education

"Body Image Perception in Athletes versus Non-Athletes"

JENNA ENGLUND AND KAITLIN SWEENEY

"Gender Differences in Body Image and Self-Esteem for College and Adult Populations"

KATE BERGE, LEIGH COOPER, ALEXIS FRIGA, ZELJKA HUBZIN, KATE OLIVER, JONATHAN O'LOUGHLIN, AND LAURA ROSE

Sponsor: Cynthia Scheibe, associate professor, psychology

"September 11, 2001: A Sequential Study of the Memories of College Students"

ANGELA FARDELLONE, CAMILLE GUYOT-BENDER, REBECCA KILINSKY, AUBREY MILLER, ANDREW PIPHER, AND SEAN TAKAHASHI

"Using Identity Style to Predict Voting Behavior and Hope—A Short-Term Longitudinal Study"

RAESA BENJAMIN-WARDLE, NICOLE BOUSHEE, STEPHEN DRUSANO, RACHAEL HOLLAND, IAN KENNEY, ERIN PLATTETER, AND RESEARCH TEAM 10

Sponsor: Andrea S. White, assistant professor, psychology

"A Qualitative Exploration of Past, Current, and Future Transitions in Midlife Adults"

RACHAEL HOLLAND AND CARINA LIMBER-RAMSEY

Sponsor: Andrea S. White, assistant professor, psychology

"Analysis of Preschool Daily Activities in the Dominican Republic"

KERI WALCZYNSKI AND KUMAR YOGESWARAN

"Analysis of Preschool Daily Activities in India"

KERI WALCZYNSKI AND KUMAR YOGESWARAN

"Cesium Magnetometer Surveys at a 1,000-Year-Old Pit House Village Site in Southwestern New Mexico"

KEVIN FAEHNDRICH

Sponsor: Michael Rogers, assistant professor, physics

"Arm Movement in Real and Virtual Environments for Post-Stroke and Non-Stroke Participants"

KRISTI GRAY AND KIMBERLY KEHRES

Sponsor: Sharon Stansfield, assistant professor, computer science

ALL DAY

CLARK LOUNGE

Art

Exhibition of Works

"Good Hope"

MICHAEL PRITCHARD

Sponsor: Harry McCue, professor, art

"Dad"

"Scott"

"Bea"

"Nude"

"Self-Portrait"

CAROLYN HALLAR

Sponsor: Bruce North, assistant professor, art

9:00–10:00 a.m.

EMERSON SUITE C

Psychology

Convener: Mary Turner DePalma, professor, psychology

"Test-Retest Reliability of a 'Local' Measure of Political Beliefs"

RAESA BENJAMIN-WARDLE, NICOLE BOUSHEE, STEPHEN DRUSANO, RACHAEL HOLLAND, IAN KENNEY, ERIN PLATTETER, CHARLES VENATOR SANTIAGO, ANDREA WHITE, AND RESEARCH TEAM 10

Sponsor: Andrea S. White, assistant professor, psychology

"A Preliminary Study of the Effects of Judgments of Responsibility on Social Support Availability for People with Diabetes"

EMILY ABRAHAM, AMANDA ARMSTRONG, JESSICA BONA, STEVEN BOYDSTON, MATTHEW CAMPORESE, KIMBERLY GILLMAN, ALYSE KEILSON, DIANNA LYKO, ALLISON ROBERTSON, JULIA ROLLISON, MARISA WACHTLER, KERI WALCZYNSKI, AND ABBY WOLFF

Sponsor: Mary Turner DePalma, professor, psychology

"I Want to Look Like Jennifer: The Influence of Media on Body Image and Self-Esteem"

NICHOLAS ANTCZAK, KATHARINE D'ANDREA, ROBINSON GIRALDO, LAUREN HIRSCH, MICHAEL MAINETTI, AMY MATACALE, LAURA TROY, AND AMY ZACKS

"Nature of Path Lengths in Asymmetric Fractal Trees"

CHLOE EPSTEIN

"Newton's Method Applied to Quartic Polynomials"

WILLIAM SENDEWICZ

"Self-Contact in Fractal Trees with Two Scaling Ratios"

JASON FLORY AND WALTER HANNAH

"Self-Contact in Fractal Trees with Two Branching Angles"

ROBERT MOLD AND MICHAEL REFICI

"Dynamics of the Exponential Sine Family"

JONATHAN MACK

Sponsor: David Brown, assistant professor, mathematics

"Glottochronology: The Mathematical Study of Language"

LAURA HAYES

Sponsor: John Maceli, associate professor, mathematics

1:45–4:00 p.m.

EMERSON SUITE C

Economics

Convener: Elia Kacapyr, professor, economics

"Stock Market Bubbles and Monetary Policy"

JASON LEVINE

"Cluster Analysis and Determinants of Economic Growth"

RACHEL MUNN

Sponsor: Roger Hinderliter, associate professor, economics

"Predicting Economic Activity with the Yield Curve"

KORTNEY BORGOSZ

"An Assessment of European Central Bank Choices"

ASHER ROGOVY

Sponsor: Elia Kacapyr, professor, economics

"Advertising and Competition among Firms"

SABIK ENAYET

"Water Allocation Schemes in the Western United States"

ELLIOTT RANDALL

Sponsor: William Kolberg, associate professor, economics

"Before and After the Euro"

MARC ISRAEL

Sponsor: Patrick Meister, assistant professor, economics

"Economic Literacy"

VICTORIA BESNER