



**PRESIDENT'S
ACADEMIC
SYMPOSIUM**



March 18, 1997

Phillips Hall, Emerson Suites



The President's Academic Symposium

honors President James J. Whalen's dedication to student learning and undergraduate research. Ithaca College has a long tradition of fostering student learning through collaborative research with faculty mentors, and the success of that tradition has been demonstrated repeatedly as Ithaca students have presented their findings at conferences such as the national meeting of the Council on Undergraduate Research and the Eastern Colleges Science Conference. Today's program provides a rich sample of the wide range of undergraduate research at Ithaca College.

Program

☞ Refreshments (9:00–9:25, Emerson Lobby) ☛

9:25–10:40 SCIENCE AND MATHEMATICS PRESENTATIONS CONVENER: IMRE TAMAS, DANA PROFESSOR OF SCIENCE

- ☞ Laura Beitman (exercise science '97)
Non-evasive Estimation of the Maximal Lactate Steady State in Trained Cyclists
Sponsor: Thomas Swensen, assistant professor, exercise and sport sciences
- ☞ Ozgen Sayginsoy (mathematics '97)
A Theorem Involving the L_2 -Transform and the Complementary Error Function
Sponsor: Osman Yurekli, associate professor, mathematics
- ☞ A. Thomas Torello (biochemistry '97)
Analysis of a Protein Essential for Energy Production
Sponsor: Vicki Cameron, associate professor, biology
- ☞ Bethany Pattee (physics '98)
(3-2 engineering program)
Hardware and Software for a Four-Channel Data Analyzer
Sponsor: Charles Spencer, professor, physics

10:50–12:05 PSYCHOLOGY PRESENTATIONS

CONVENER: MARY TURNER DEPALMA,
ASSOCIATE PROFESSOR, PSYCHOLOGY

- ☉ Allyson Oswald (psychology '97)
The Effect of Mitigating Circumstances on
Judgments of Responsibility, Blame, and Affect
Sponsor: Mary Turner DePalma, associate
professor, psychology
- ☉ Brian Alamprese (psychology '97)
Trichromatic Color Vision in Three-Month-Old
Infants: Blue-Yellow Discrimination
Sponsor: Nancy Rader, associate professor,
psychology
- ☉ Julie Quimby (psychology '97)
A Comparative Analysis of Different Methods
Employed in Visual Cliffs
Sponsor: Nancy Rader, associate professor,
psychology

☉ Luncheon (12:05–1:10, Emerson B) ☺

Welcome

Howard S. Erlich, dean, School of Humanities and Sciences
Mary Lee Seibert, acting provost

Remarks

James J. Whalen, president

1:10–2:25 POSTER SESSIONS

The Sciences and Mathematics

- ☉ Benjamin Coleman (computer science '97)
Machine Language Simulator Using YACC
and Curses
Sponsor: Laurie Anne Smith King, assistant
professor, computer science
- ☉ Quang T. Truong (biochemistry '97)
Comparison of Methanolic Sodium
Methoxide-Promoted Elimination and
Exchange Reactions of $p\text{-CF}_3\text{C}_6\text{H}_4\text{CHClCF}_3$
and $p\text{-CF}_3\text{C}_6\text{H}_4\text{CHClC}_2\text{F}_5$
Sponsor: Heinz F. Koch, professor,
chemistry
- ☉ Justin C. Biffinger (biochemistry '97)
Comparison of Gas Phase and Kinetic
Acidities in Methanolic Sodium Methoxide
Sponsor: Heinz F. Koch, professor, chemistry
- ☉ Michael Axtell (biology 7-12 '98)
Productivity of Polluted Grasslands
in the Czech Republic
Sponsor: John Bernard, professor, biology
- ☉ Christopher Walsh (biology '98)
The Evolution of the Cucurbitaceae:
DNA Evidence
Sponsor: Susan Swensen, assistant professor,
biology

Psychology

- ☉ Adrienne Allen, Zachary Greenfield, Alana Hochberg, Tahl Korengut, Amy Jo Samuel (all psychology '97)
Jurors' Response to Battered Wives Who Kill: Effects of Plea Type and Degree of Violence in the Relationship Prior to the Marriage
Sponsor: Linda McBride, associate professor, psychology
- ☉ Research Team II
Graphic Technique for Mapping Life Space for Planning and Assessing Intergenerational Environments
Sponsor: David Williams, associate professor, psychology
- ☉ Rachel Sensi (psychology '97), Marci Goldstein (extramural), David Botsford (psychology '97), Andrew Herbst (psychology '97)
The Stepford Babies: Portrayals of Infants and Children on Television
Sponsor: Cynthia L. Scheibe, associate professor, psychology
- ☉ Theresa LaMontagne (psychology '97)
The Effects of Deregulation and Re-regulation on Children's Television
Sponsor: Cynthia L. Scheibe, associate professor, psychology
- ☉ Samara J. Engstrom (psychology '98), Jessica C. Richardson (psychology '99)
Psychological Symptoms in Symptomatic and Asymptomatic Postmenopausal Women
Sponsor: Carol Brejnak, assistant professor, psychology

Humanities

- ☉ Brett Cochran (art history '97)
Architecture on the Web
Sponsor: Lauren M. O'Connell, associate professor, art history
- ☉ Mark McDevitt (television-radio '97)
Late Modernism on the Ithaca College Campus
Sponsor: Nancy Break, associate professor, art history

**2:35-3:50 HUMANITIES PRESENTATIONS
CONVENER: SABATINO MAGLIONE, PROFESSOR,
MODERN LANGUAGES AND LITERATURES**

- ☉ Lauri M. Bauer (speech communication '97; history '97)
Once a Pickle, Never Again a Cucumber: An Analysis of the Speech Community of Alcoholics Anonymous
Sponsor: Ellen W. Bonaguro, assistant professor, speech communication
- ☉ Ray Critchett (Spanish '97)
Women in Pedro Almodóvar's Films
Sponsor: Richard Rainville, instructor, modern languages and literatures
- ☉ Lisa Masserio (English '97)
Issues of Women and Power in the Works of Mary Wollstonecraft, Mary Shelley, and Jane Austen
Sponsor: Gary J. Fountain, assistant professor, English

3:50-5:00 BUSINESS PRESENTATIONS
CONVENER: RAQUIB ZAMAN, DANA PROFESSOR
OF FINANCE AND INTERNATIONAL BUSINESS

- ☉ Holly Dale (accounting '98)
Does the Market Consider Earnings More
Important than Cash Flow?
Sponsor: Joseph Cheng, associate professor,
finance

- ☉ Bianca Benoliel (marketing '97)
Exporting Strategies of the Award-Winning
Small- and Medium-Sized U.S. Companies:
An Exploratory Survey
Sponsor: Hormoz Movassaghi, associate
professor, finance

- ☉ Steven Crino (finance '97)
Exchange Rates and Single-Country
Closed-End Funds
Sponsor: Abraham Mulugetta, associate
professor, finance

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