**Psychology**

Allison Christiansen, Katie Alibrandi, Grace Nutter, Julia Rugg, Caitlin McCarthy, & Danielle O'Reilly
Sponsor: Barney Beins

Libby Gordon, Skyler Babcock, Yun Chou, & Greg Miller
Sponsor: Barney Beins

**Exercise & Sports Sciences**

Lizzie Bronson
Sponsor: Paul Geisler

**Health Promotion**

Rachel Gunderson & Theresa Sime
Sponsor: Mary Bentley

David Hogan
Sponsor: Mary Bentley

Louis Kail & Beth Emnett
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Mike Monroe & Nick Guttuso
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Hanna Weiss & Rachel Poczatek
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**Department of Sport Management & Media**

Lee Small
Sponsor: Ellen J. Staurowsky

Brent Stout
Sponsor: Ellen J. Staurowsky

Michael Tannenbaum
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An Examination of Competitive Balance in Men's and Women's Basketball Programs Within America East, Big East, and Mid-American Conferences

An Analysis of The College Sports Council's 2007 'Study' of Title IX's Impact on Men's Sports

Sports Wasn't Her Cup of Tea

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Surgical Management of Tarsal Tunnel Syndrome: A Case Report

Arthritis: Prevention

Peanut Butter: Are We Nutty to Eat It?
The Case of Salmonella

Breathing Hard or Struggling for Breath:
Asthma in Schools

Diabetes: Unstable sugar= Unstable Health

The New Superbug- MRSA:
Methicillin-Resistant Staphylococcus Aureus

Health Disparities: African Americans and the HIV Epidemic

Sense of Humor and Gender-Based Jokes

Personality and Gender-Based Jokes: A Follow-up

Psychology
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 S. 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% 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 2009 Symposium involves over 250 students and 150 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.

**North Foyer (Morning Session)**

**Psychology**
- Hannah Avellaneda, Emma Golden, Corey de Groot, & Kimberly Blaha  
  **Sponsor:** Nancy Rader  
  **Sponsor:** Mary Turner DePalma

**North Foyer (Afternoon Session)**

**SLPA**
- Melissa Bornstein, B. F. A.  
  **Sponsor:** Mary Sanford  
- Stephanie Mathias, B.S., Julia Henderson, B.A., and Rebecca Moses  
  **Sponsor:** Mary Sanford

**Psychology**
- Drew Botwinick, Willyann King, Julia Robins, & John Schmitt  
  **Sponsor:** Nancy Rader

**North Foyer**

**SLPA**
- Katherine Pease, Bethany Roberts, and Kara Smith  
  **Sponsor:** Mary Sanford

**Psychology**
- International Varieties of English: An Accessible Comparative Analysis
- Bi-lingual and Bi-cultural Intervention Considerations for the SLP
- How Gestures Tune Infants’ Attention in Early Word Learning
- The Relationship Between Self-Efficacy and Diabetes Management in a Latino Population
- Visual Cocktail Party Phenomenon: Intentional Filtering during Selective Attention
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Sports Wasn't Her Cup of Tea
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Speakers</th>
<th>Sponsor</th>
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</thead>
<tbody>
<tr>
<td>9:30 AM</td>
<td>Integrative Learning Through Participation in Intergenerational Service Learning Project</td>
<td>Joshua Neurer</td>
<td>Elizabeth Bergman</td>
</tr>
<tr>
<td>9:40 AM</td>
<td>My Green Finger</td>
<td>Meaghen Amato, Margaret, Burgess, Sabrina Higgins, &amp; Lauren Mossien</td>
<td>Elizabeth Bergman</td>
</tr>
<tr>
<td>9:50 AM</td>
<td>Hurricane Katrina: A Case Study of Frail Elders and Disaster</td>
<td>Elizabeth Ng Mayberry</td>
<td>Elizabeth Bergman</td>
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<tr>
<td>10:05 AM</td>
<td>Substance Abuse and Aging Policy</td>
<td>Anne Bollinger</td>
<td>Elizabeth Bergman</td>
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<tr>
<td>10:15 AM</td>
<td>Let's Talk About Sex...in Nursing Homes</td>
<td>Caitlin Pautz</td>
<td>Elizabeth Bergman</td>
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<tr>
<td>10:25 AM</td>
<td>Home Healthcare Case Study: Working as a Companion in Tompkins County</td>
<td>Laura Darlak</td>
<td>Elizabeth Bergman</td>
</tr>
<tr>
<td>10:35 AM</td>
<td>Crisis Communication Plan for the Longview Residential Senior Community</td>
<td>Liz Max, Virginia Moore, Lauren Sirkey</td>
<td>Dr. Corey Young</td>
</tr>
<tr>
<td>11:00 AM</td>
<td>Under the Earth: Violation of Greek Burial Taboos at the battle of Arginusae.</td>
<td>Briana Shucart</td>
<td>Robert Sullivan</td>
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<tr>
<td>11:15 AM</td>
<td>Fate as Explanation in Herodotus' Histories</td>
<td>Natalie Buchinski</td>
<td>Robert Sullivan</td>
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<tr>
<td>11:30 AM</td>
<td>Herodotus' Women</td>
<td>Danielle Carrier</td>
<td>Robert Sullivan</td>
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<tr>
<td>11:45 AM</td>
<td>The Relative Roles of Prognosis, Diagnosis, and Prescription in the Hippocratic Corpus</td>
<td>Tim Reynolds</td>
<td>Robert Sullivan</td>
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<td>12:00 PM</td>
<td>Theodore Briscoe. Ashley Dennis, Eric Fernandez, Marcos Ferrer, Kim LaReau, Sharlene Nichols, Feleg Tsegaye</td>
<td>Center for the Study of Culture, Race, and Ethnicity</td>
<td>Sean Eversley Bradwell, PhD</td>
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<tr>
<td>12:30 PM</td>
<td>Alex Evans</td>
<td>Art History</td>
<td>Jennifer Jolly</td>
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<tr>
<td>12:45 PM</td>
<td>Talya Shulman, Emily Gachot</td>
<td>Computer Science</td>
<td>Lauren O'Connell</td>
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<tr>
<td>1:00 PM</td>
<td>Emily Gachot</td>
<td>Occupational Therapy</td>
<td>Cheryl Kramer</td>
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<tr>
<td>1:30 PM</td>
<td>Madeline Smith, Andrada Voinitchi</td>
<td>Physical Therapy</td>
<td>Stephen Lahr</td>
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<tr>
<td>1:45 PM</td>
<td>Alana Murphy</td>
<td>Biology</td>
<td>Dr. Jean Hardwick</td>
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<tr>
<td>2:00 PM</td>
<td>Jared Azuma, and Katherine Grandelski</td>
<td>Art History</td>
<td>Nancy Brcak</td>
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<tr>
<td>2:15 PM</td>
<td>Lauren A. Houdek</td>
<td>Anthropology</td>
<td>Jack Rossen and Brooke Hansen</td>
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<tr>
<td>4:00 PM</td>
<td>Brendan Haggerty</td>
<td>Art History</td>
<td>Nancy Brcak</td>
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<td>4:10 PM</td>
<td>Siobhan Sims</td>
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<td>Nancy Brcak</td>
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<tr>
<td>4:20 PM</td>
<td>Charles Tonks</td>
<td></td>
<td>Nancy Brcak</td>
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<tr>
<td>10:15 AM</td>
<td>Arthur Chao, Kevin Geidel, Jordan Hyatt</td>
<td>The power efficiency of cell phones vs. land lines - Modeling contest results</td>
<td>Bruce Thompson</td>
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<tr>
<td>10:30 AM</td>
<td>Charles Strehlow</td>
<td>Measurement of the magnetic flux quantum using a SQUID</td>
<td>Matt Sullivan and Bruce Thompson</td>
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<tr>
<td>11:00 AM</td>
<td>Colin Howard</td>
<td>The Compost Thermal Heating Project - Using the Seebeck Effect to Charge Batteries</td>
<td>Michael Rogers</td>
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<tr>
<td>11:12 AM</td>
<td>Christopher Hastings</td>
<td>Archaeological Geophysical Investigations of a Late Bronze Age City in Cyprus: Methods</td>
<td>Michael Rogers</td>
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<tr>
<td>11:24 AM</td>
<td>Kevin Hurley</td>
<td>Archaeological Geophysical Investigations of a Late Bronze Age City in Cyprus: Results</td>
<td>Michael Rogers</td>
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<tr>
<td>11:36 AM</td>
<td>Rebecca Grollman</td>
<td>Archaeological Geophysical investigations of a 300-Year-Old Native American Village in Central New York</td>
<td>Michael Rogers</td>
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<tr>
<td>11:48 AM</td>
<td>Rhea Hanrahan</td>
<td>Understanding Student Expectations in Introductory Physics</td>
<td>Michael Rogers</td>
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<tr>
<td>12:00 PM</td>
<td>Megan Kennedy, Caitlin Bango, Emma Alder, Alicia Campese</td>
<td>Children’s Understanding of Persuasive Intent: A Developmental Study</td>
<td>Cyndy Scheibe</td>
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<tr>
<td>12:20 PM</td>
<td>Elfin Johanson, Sarah Glazier &amp; Jeff Schlesinger</td>
<td>The Impact of Media Literacy Lessons on Young Children’s Understanding about Fruit and Sugar</td>
<td>Cyndy Scheibe</td>
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<tr>
<td>12:40 PM</td>
<td>Alec Giggi, Josh Skellet &amp; Steve Lowery</td>
<td>Teaching Children about Bullying, Put-Downs and Relational Aggression with Media Literacy</td>
<td>Cyndy Scheibe</td>
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**Psychology**

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<td>10:15 AM</td>
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<tr>
<td>10:30 AM</td>
<td>Nicolette Bucciaglia</td>
<td>Morgan and Morgause in Modern Retellings of Malory</td>
<td>Michael Twomey</td>
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<tr>
<td>10:15 AM</td>
<td>Robert Volpicelli</td>
<td>Stripped to the Waste: D.H. Lawrence, Post-coloniality, and Mimesis</td>
<td>Lauryl Tucker</td>
</tr>
<tr>
<td>10:30 AM</td>
<td>Danielle O'Reilly</td>
<td>&quot;What ought to be true&quot;: Tennessee Williams and His Pursuit of the Ideal</td>
<td>Claire Gleitman</td>
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**English**

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<tr>
<td>11:00 AM</td>
<td>Michael Ashline, Shane Bucher, Emily Cross, Kim Jacobson, Lynn Porter, Sean Sullivan, Hannah Wiberg, Thuya Yeelin</td>
<td>The Global Pandemic of Diabetes: Implications for Prevention</td>
<td>Mary Bentley</td>
</tr>
<tr>
<td>12:00 PM</td>
<td>Kayla Kohlenberg</td>
<td>Fine Arts Programs: An Essential Part of High School Education</td>
<td>Elizabeth Bleicher</td>
</tr>
<tr>
<td>12:15 PM</td>
<td>Melinda Ryder</td>
<td>The Truth Revealed: College Students' Religious Beliefs and Practices</td>
<td>Elizabeth Bleicher</td>
</tr>
<tr>
<td>12:30 PM</td>
<td>Julie Gregg</td>
<td>Harsh Disparities: Social Class and Access to Extracurricular Participation</td>
<td>Elizabeth Bleicher</td>
</tr>
<tr>
<td>12:45 PM</td>
<td>Chris Zivalich</td>
<td>Voter Without a Cause: Why Millennial's Vote for Themselves Instead of a President</td>
<td>Elizabeth Bleicher</td>
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**Health Promotion**

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<tr>
<td>1:30 PM</td>
<td>Jonathan J. Gregory</td>
<td>“An Analysis of Recruiting Budgets in Division 1A College Athletics: The Influence of Budgets on Football and Basketball Team Performance.”</td>
<td>Darius J. Conger</td>
</tr>
<tr>
<td>2:00 PM</td>
<td>Kevin Chan</td>
<td>Triumphs of Globalization and Outsourcing</td>
<td>Darius J. Conger</td>
</tr>
</tbody>
</table>

**Economics**
EMERSON B
Park Scholar Program

2:40 PM  Caitlin Castle  Partnering with the Ithaca City School District
Sponsor: Matthew J. Fee, Ph.D.

2:55 PM  Greg Dunbar  Producing a documentary for Project C.U.R.E.
Sponsor: Matthew J. Fee, Ph.D.

3:10 PM  Robyn Fiedler  Megaphone Media Productions
Sponsor: Matthew J. Fee, Ph.D.

3:25 PM  Daniel Haack  Organizing a film screening with the Finger Lakes Independence Center
Sponsor: Matthew J. Fee, Ph.D.

3:40 PM  Carlene Willis  Media Literacy
Sponsor: Matthew J. Fee, Ph.D.

Management

4:00 PM  Jeffrey Goodwin  Establishing a Campus Shuttle System at Ithaca College
Sponsor: Joe Sprangel

Marketing & International Business

4:15 PM  Kanaru Fukushima  How governments promote E-commerce: A Global Survey
Sponsor: Dr. Hormoz Movassagi

EMERSON C
Environmental Studies

9:30 AM  Alyssa De Villiers  Donkey Dung: A Preliminary Examination of Herbal Dewormer as an Alternative Treatment Method
Sponsor: Susan Allen-Gil

9:50 AM  Becky Bowen and Katie Cormier  Outdoor Classroom for Interdisciplinary Learning at IC
Sponsor: Karryn Olson-Ramanujan

10:10 AM  Jon Thompson and John Davis  Developing Animal Selection Matrices for Permaculture Design
Sponsor: Karryn Olson-Ramanujan

10:30 AM  Ian Turner & Drea Kasianchuk  Permaculture: A Simple Design for Today and for the Future
Sponsor: Karryn Olson-Ramanujan

10:45 AM  Hayden Ort-Ulm and Doug Indrick  Water Harvesting at Ecovillage: A Systems Approach to Drip Irrigation
Sponsor: Karryn Olson-Ramanujan

Clark Lounge
Sociology

1:10 PM  Elizabeth Whalley and Jordan Hook  "Bos and 'Mos: An Exploration of the Relationships Between Heterosexual and Homosexual Men"
Sponsor: Rebecca Plante

History

1:30 PM  Angelica Burton  The Evolution of Justice in Early Revolutionary France
Sponsor: Karin Breuer

1:50 PM  Christopher Crawford  Captivity and Enslavement in Frontier Regions: The Southwestern Borderlands
Sponsor: Karin Breuer

Music Theory, History, and Composition

3:00 PM  Benjamin Russo  Interaction of Lyrics and Harmony in Jeff Buckley's "Grace"
Sponsor: Peter Silberman

Strategic Communication

3:25 PM  Derek Anderson, Kathryn Hickey, Leighann McGlone, Krystina Murawska, Emily Race, Chloe Scott  IMC Campaign: Tostitos "Pass the Salsa"
Sponsor: Scott R. Hamula

Occupational Therapy

3:45 PM  Kimberly Wheeler and Amanda Hanlon  Effects of Functional Electrical Stimulation for Individuals who have Neurological Impairments
Sponsor: Melinda Cozzolino

Exercise & Sports Sciences

4:15 PM  Riana Czapla, Ankita Dubey, Katheryn Finnerty, Janki Modha, Milap Patel, Sapna Shah, Adrian Western  Effect of Bamboo Extract on Sub maximal Aerobic and Maximal Anaerobic Power
Sponsor: Tom Swensen

Taughnnock Falls Room
Chemistry

Withdrawn

9:15 AM  Bryan Stefek  Suppression of bacterial pathogenesis via the inhibition of cell-cell signaling
Sponsor: Scott Ulrich

Physics

9:30 AM  Preston Barrows  Mechanical design work for NASA's Stratospheric Observatory
Sponsor: Luke Keller

9:45 AM  Jordan Hyatt  Evidence for a newly forming solar system 600 light years from the sun
Sponsor: Luke Keller

10:00 AM  Justin Sousa  Measuring electrical conductivity in metals using induced currents
Sponsor: Bruce Thompson
Klingenstein Lounge  
**Math**

3:00 PM  Nicole Casella  
*Sponsor: John Maceli*
Chebyshev Polynomials and their Relationship to Trigonometry and the Fibonacci Identities Part 1

3:20 PM  Jill Neeley  
*Sponsor: John Maceli*
Chebyshev Polynomials and their Relationship to Trigonometry and the Fibonacci Identities Part 2

3:45 PM  Drew D. Ash  
*Sponsor: Steve Hilbert*
Chebyshev Polynomials of the First and Second Kind

Clark Lounge  
**Legal Studies**

9:25 AM  Michael A. Bender, Jr.  
*Sponsor: Marlene Barken*
Police Brutality: Preventing the Next Sean Bell

9:35 AM  Eric Carosia  
*Sponsor: Marlene Barken*
Tort Reform

9:45 AM  Tara Deguzman  
*Sponsor: Marlene Barken*
Intellectual Property Protection and Piracy

9:55 AM  Shenelle Fabio  
*Sponsor: Marlene Barken*
Preemption and the Wyeth v. Levine Case

10:05 AM  Victoria Fiodralis  
*Sponsor: Marlene Barken*
Regulating Fair Labor Standards Abroad

10:15 AM  Rachel Roscoe  
*Sponsor: Marlene Barken*
E-Waste and Manufacturer Product Cycle Responsibility

10:25 AM  Patrick Rossiter  
*Sponsor: Marlene Barken*
A Fundamental Right to Marriage

**Music and Jewish Studies**

12:00 PM  Betty Bauman  
*Sponsor: Janet Galvan, Rebecca Lesses*
Empowering Jewish Students in Music Classes through the Choice of Repertoire

12:30 PM  Casey Scamporino  
*Sponsor: Paula Turkon*
Wasteful Habits: The Culture of Recycling and Garbage Disposal among Middle School and College Students

12:50 PM  Melendy Krantz  
*Sponsor: Brooke Hansen*
Reclaiming Childbirth: Fear, Love, and Mothering in Childbirth Activism

11:45 AM  Kris Shapiro and Charlie Tonks  
*Sponsor: Jason Hamilton*
Let it Flow: Maple Syrup from Ithaca College’s Natural Lands

12:00 PM  Victoria Fiodralis, Rachel Roscoe, Sara Holmes, Katie Cormier, Sarah Garcia, and Brian Fleschow  
*Sponsor: Susan Allen-Gil*
What is New at Ithaca’s Old City Dump: Investigating the Ecological Effects from Decades of Dumping

12:15 PM  Hannah Braun and Nathonn Bates  
*Sponsor: Susan Allen-Gil*
Collecting Sperm from a Minnow: It’s Harder than It Sounds

12:30 PM  Jared Makrancy, Sofia Johnson, and Sara Araldi  
*Sponsor: Susan Allen-Gil*
Building a Better Rain Barrel: Sustainable Landscape Irrigation

12:45 PM  Stephanie Piech  
*Sponsor: Susan Swensen*
Ithaca College’s Greenhouse Gas Inventory for 2008

1:15 PM  Stephanie Piech and Sophia Johnson  
*Sponsor: Susan Swensen and Jeff Scott*
Eating Green: Sustainable Dining Developments at IC

1:30 PM  Emily Backus, Brian McGauvran  
*Sponsor Tom Pfaff*
Using Regional Climate Models to Assess the impacts on the Finger Lakes Wine Industry

1:45 PM  Elizabeth Getman  
*Sponsor: Annett Levine*
"Value" of Water: An Ideological Clash Between Chile’s Indigenous Peoples and Corporate Powers

**Chemistry/Environmental Science**

2:00 PM  Miles Crettien and Layne Kasprzyk  
*Sponsor: Akiko Fillinger*
Current Status of Biodiesel Accreditation Project at Ithaca College

2:15 PM  Krista Fieselmann  
*Sponsor: Akiko Fillinger*
Reduction of Lead and Cadmium Uptake by Carrot with Calcium, Manganese, and Zinc
EMERSON C
Environmental Studies
2:30 PM  Sara Holmes  Sponsor: Michael Smith
An Interdisciplinary Perspective on Pollution on South Hill: A Mellon Foundation Project

Philosophy & Religion
3:00 PM  Pedro Emiliano Acevedo  Sponsor: Tatiana Patrone
Zorba: The Knight of Faith
3:20 PM  Rob Engelsman  Sponsor: Rachel Wagner
The Gang Exploits a Miracle: A Cultural Artifact Faking a Religious One
3:40 PM  Dylan Thomas  Sponsor: Brendan Murday
Determinism in Slaughterhouse-Five

Klingenstein Lounge
Anthropology
9:10 AM  Laura Allocco  Sponsor: Brooke Hansen
A Cultural Analysis of the use and non-use of Guide Dogs by the Legally Blind

Writing
10:00 AM  Erik Johanson  Sponsor: David Flanagan
Athens’ Bane: Jury Prejudice in the Trial of Socrates.
10:10 AM  Ashley Jacoby  Sponsor: David Flanagan
Elektra’s Grievous Burden: Mourning Practices and Greek Society
10:25 AM  Megan Gaul  Sponsor: David Flanagan
The Scene: Gender Dynamics on the Greek Stage
10:35 AM  Alana Koehler  Sponsor: David Flanagan
Impure Imprisonment: Marriage as Captivity in Attic Tragedy “My Trees”
10:50 AM  Olivia Rebert  Sponsor: Elizabeth Lawson
Selected Poems
10:56 AM  Rachel Milbauer  Sponsor: Mary Beth O’Connor
“The Cook Family Dairy Farm”
11:02 AM  Brian Hotchkiss  Sponsor: Barbara Adams
“The Ithaca Festival: Promoting a Greener Community Celebration”
11:08 AM  Jenna Valentino  Sponsor: Patricia Spencer
Selected Poems
11:14 AM  Matthew Insco  Sponsor: Mary Beth O’Connor
Selected Fiction
11:20 AM  Andy Hughes  Sponsor Mary Beth O’Connor

Klingenstein Lounge
Writing
11:26 AM  L. Minogue  Sponsor: Gigi Marks
Selected Poems
11:32 AM  Liz Dean  Sponsor: Gigi Marks
“Troop 4”
11:38 AM  Michael Garrison  Sponsor: Jack Wang
“The Café on East Sixteenth”
11:44 AM  Max Biringer  Sponsor: Cory Brown
Selected Poems
11:50 AM  Corey Millard  Sponsor: Barbara Adams
“The Grass Is Always Greener: a new hope for biofuel”
11:56 AM  Jenna Scatena  Sponsor: Barbara Adams
“Engorged”

Math
1:15 PM  Katharina Carella and Nick Ommen  Sponsor: Osman Yurekli
Finite Sums of Fibonacci-Based Sequences Part I
1:40 PM  Katharina Carella and Nick Ommen  Sponsor: Osman Yurekli
Finite Sums of Fibonacci-Based Sequences Part II
2:05 PM  Thomas Yee  Sponsor: Osman Yurekli
Characteristics of Modular Sequences
2:35 PM  Matt Mastroeni  Sponsor: James Conklin
The Algebra of Bounded Linear Operators on a Hilbert Space