17th Annual
JAMES J. WHALEN
Academic Symposium

A CELEBRATION OF STUDENT RESEARCH, CREATIVITY, AND PERFORMANCE

THURSDAY, APRIL 10, 2014
8:45 a.m.–4:00 p.m. | CAMPUS CENTER

Featuring more than 200 presentations of research, creative writing, and theatrical and musical performances representing all disciplines
Welcome to the James J. Whalen Academic Symposium! This is the showcase at Ithaca College for works of scholarship, research, and creativity by our students.

You will find in this program evidence of excellence from each of the college’s five schools. Please take the time to stroll through our poster sessions, attend our symposia, and talk with our presenters. Our students are impressive in the range of topics and methods that they choose to explore with their faculty advisors. We all benefit from the commitment to excellence that is on display here today. Be prepared to be stimulated and excited by all you see and hear!

Wade Pickren, Ph.D.
Director, Center for Faculty Excellence and Sponsored Research

“To be successful, students must understand how different perspectives and analyses can contribute to seeing a problem in its entirety. They do not need to become expert in multiple fields, but they do need to understand how multiple fields contribute to solving a particular problem.”

Thomas R. Rochon
President

“Students learn by doing. At Ithaca College we are committed to providing opportunities for our students that are rooted in this educational principle. The Whalen Academic Symposium is one such opportunity. This event is truly a celebration of the scholarly and creative endeavors of our students and therefore a highlight of the academic year.”

Marisa Kelly
Provost and Vice President of Educational Affairs

### About the Whalen Symposium

The James J. Whalen Academic Symposium honors past 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’s 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 symposium marks the 17th anniversary of the first-ever Whalen Symposium in 1997. Today’s program provides a rich sample of the wide range of undergraduate research at Ithaca College. On behalf of the steering committee, we would like to thank and congratulate all participants in today’s event for their hard work and dedication to the ideas and values of past president James J. Whalen.

“Be open to life. Do not allow conformity to wear down your aspirations. Have the courage to trust your own dreams.”

James J. Whalen
President of Ithaca College, 1975-1997

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  - Quest for a Sustainable Future and Identities
Ithaca College

Cultivating Innovative, Holistic, and Visionary Thinkers

The ICC is a set of thought-provoking academic experiences designed to help students connect concepts across disciplines. This year, several of the sessions have been grouped by ICC theme. First-year students may wish to attend sessions that are in their chosen theme but of course are welcome to attend sessions in any other theme, as well. We hope that connecting to the ICC themes will inspire us all to think about the ways in which our areas of research are related.

IDENTITIES
Who are we, and how do we distinguish ourselves from others?

INQUIRY, IMAGINATION, AND INNOVATION
How do we know what we know?

MIND, BODY, SPIRIT
What does it mean to be a balanced person?

POWER AND JUSTICE
How are they related, and how can they be balanced?

THE QUEST FOR A SUSTAINABLE FUTURE
How do we sustain a growing population with limited resources?

A WORLD OF SYSTEMS
How do people make sense of and navigate complexity?

Schedule of Events

8:45–9:15 a.m. OPENING CEREMONY and KEYNOTE ADDRESS: “Show and Prove: Moving from What Students Know to Student Construction of Knowledge” by Sean Eversley Bradwell

9:25–10:40 a.m. SESSIONS 1 and 2

10:50 a.m.–12:05 p.m. SESSIONS 3 and 4

12:10–1:00 p.m. SESSION 5 (finalists for awards)

1:10–2:25 p.m. SESSIONS 6 and 7

2:35–3:10 p.m. SESSION 8

3:30–4:00 p.m. CLOSING RECEPTION and AWARD CEREMONY

ABOUT THE KEYNOTE SPEAKER

Sean Eversley Bradwell, Ph.D., is an assistant professor at Ithaca College. He serves as the co-coordinator for the African diaspora studies minor in the Center for the Study of Culture, Race, and Ethnicity and has research and teaching interests in educational policy, race theory, and hip-hop culture.

Bradwell is an alumnus of Amsterdam (New York) High School. He received a B.A. in political science from the University of Rochester, an M.S. in education from Rochester’s Margaret Warner Graduate School of Education and Human Development, and a Ph.D. in policy analysis and management from Cornell University.

He has worked in for-profit education, public schools, and higher education. In 2009 Bradwell was elected to a three-year term to serve on the Ithaca City School District Board of Education. Through his professional, research, and personal involvement in education as well as his work with community organizations, Bradwell is committed to working toward more meaningful learning and teaching.
NORTH FOYER, PHILLIPS HALL
Poster Presentations

SESSIONS 1 and 2: 9:25–10:40 a.m.

Kienbock Disease in a Female Collegiate Gymnast
PRESENTED BY: Rory Fawcett
FACULTY SPONSOR: Chris Hummel

Surgical Intervention of Medial Meniscus Injuries in a Division III Intercollegiate Women's Lacrosse Player: A Case Study
PRESENTED BY: Allison Bartkowski
FACULTY SPONSOR: Chris Hummel

Race and Gender: A Look at Modern Video Games
PRESENTED BY: Ross-Philip Orlando
FACULTY SPONSOR: Stephen Sweet

The Coordinated Curriculum: Illustrations as Opportunities for Advancement
PRESENTED BY: Kevin McElrath
FACULTY SPONSOR: Stephen Sweet

The Effect of Maternal Separation on Individual Subordination Behavior as a Predictor of Alcohol Consumption in Rats
PRESENTED BY: Michael Fazziola, Mason Mann, Shilanna Gallo, Edward Odio, and Brandon Winters
FACULTY SPONSOR: Elizabeth Caldwell

Does Mom Really Know Everything? Investigating Maternal Knowledge and Retention of Newborn Hearing Screening Information
PRESENTED BY: Casey Phillips
FACULTY SPONSOR: Amy Rominger

Difference in Shod and Unshod Landing Forces with and without Distraction
PRESENTED BY: Pauline Werner, Grace Hannigan, and Skylar Rubalcaba
FACULTY SPONSORS: Miranda Kaye and Deb King

Predicting Academic Performance: Exercise, Substance Use, and Mental Health
PRESENTED BY: Stephanie Zybert
FACULTY SPONSOR: Miranda Kaye

Investigation of the Impact of Level of Play on GPA
PRESENTED BY: Alexander Becker, John Loehner, Zachary VanNostrand, Brendan Marks, and Connor White
FACULTY SPONSOR: Miranda Kaye

Association between Varsity Athletic Participation and GPA
PRESENTED BY: Zachary Mitchell, Robbie Williamson, Jospeh Armeli, John Cipriani, and Theodore Patrikas
FACULTY SPONSOR: Miranda Kaye

SESSIONS 3 and 4: 10:50 a.m.–12:05 p.m.

Ill Health Effects Associated with Exposure to and Use of Art Supplies
PRESENTED BY: Hannah Goodman
FACULTY SPONSOR: Kari Brossard Stoos

Coverage of Media-Related Topics in College-Level General and Developmental Psychology Textbooks
PRESENTED BY: Katherine Orioli and Emily Singleton
FACULTY SPONSOR: Cyndy Scheibe

Preferred Exercise Resource Based on Psychological Needs
PRESENTED BY: Sierra Yaple and Kelsey Florian
FACULTY SPONSORS: Miranda Kaye and Justine Vosloo

Use of RUSI to Enhance Patient Education in Physical Therapy Award Finalist
PRESENTED BY: Kathryn Campbell and Anna Gray
FACULTY SPONSOR: Barb Belyea

Relationship between Competition Motivation and Eating Styles in Female Collegiate Athletes Award Finalist
PRESENTED BY: Srijana KC and Nicolena Efthymiou
FACULTY SPONSORS: Miranda Kaye and Amy Frith

Locomotor Behavior as a Measure of Sensitivity to Alcohol in Rodents Award Finalist
PRESENTED BY: Kyrillos Farag
FACULTY SPONSOR: Elizabeth Caldwell

A Cross-Cultural Study on Kindergarten Daily Activities in India and Japan Award Finalist
PRESENTED BY: Brittany Greene and Angelique Hudson
FACULTY SPONSOR: Judith Pena-Shaff

Unique Treatment for Bilateral Plantar Fasciitis in a Field Hockey Player Award Finalist
PRESENTED BY: Lindsey Lamond
FACULTY SPONSOR: Paul Geisler

Abnormal and Complex Damage of the Hand and Wrist in a Collegiate Football Player Award Finalist
PRESENTED BY: Jacob Mir
FACULTY SPONSOR: Paul Geisler

SESSION 5: 12:10–1:00 p.m.

Femoral Acetabular Impingement and Labral Tears in a Female Field Hockey Player Award Finalist
PRESENTED BY: Rachel Schechter
FACULTY SPONSOR: Kent Scriber
Kidney Laceration and Hematoma in a College Football Player
Dynamic Finalist
PRESENTED BY: Rebecca Guzzo
FACULTY SPONSOR: Kent Scriber

Exercise-Induced Laryngeal Obstruction in a Collegiate Male Soccer Athlete
Dynamic Finalist
PRESENTED BY: Sarah Donovan
FACULTY SPONSORS: Michael Matheny and Mary Pitti

Conservative Management of a Jones Fracture in a Men’s Basketball Player
Dynamic Finalist
PRESENTED BY: Andrew Claypool
FACULTY SPONSOR: Courtney Gray

Social Participation in Community-Dwelling Post-Discharge Stroke Patients and the Role of Occupational Therapists
Dynamic Finalist
PRESENTED BY: Makenzie Holmsborg
FACULTY SPONSOR: Carole W. Dennis

Femoral Acetabular Impingement and Acetabular Labral Tear in a Female Soccer Player
Dynamic Finalist
PRESENTED BY: Sydney Folk
FACULTY SPONSOR: Courtney Gray

Self-Understanding in Girlhood: An Assessment of Participation in a Girl Empowerment Program
Dynamic Finalist
PRESENTED BY: Natalie Mendes
FACULTY SPONSOR: Nia Nunn Makepeace

Emotional Differences in Recognition Memory Are Influenced by Availability of a No Confidence Response Option
Dynamic Finalist
PRESENTED BY: Christian Hagstrom, Hannah Keenan, Nicholas Rizza, Andrea Champlin, and Melanie Ziegler
FACULTY SPONSOR: Brandy Bessette-Symons

Analysis of Preschool Activities in the Dominican Republic: A Comparison of Two Schools
Dynamic Finalist
PRESENTED BY: Chloe Baron, Kimberly Mobley, and Hana Uchida
FACULTY SPONSOR: Judith Pena-Shaff

The Effectiveness of After-School Enrichment: One’s School Story
Dynamic Finalist
PRESENTED BY: Kelly Kane and Abigail Fink
FACULTY SPONSOR: Judith Pena-Shaff

Management of an Athlete with Patellofemoral Pain Syndrome: A Case Study of a Collegiate Baseball Player
Dynamic Finalist
PRESENTED BY: Robbie Williamson
FACULTY SPONSOR: Todd Lazenby

The Effect of Motivational Orientations on Self-Compassion and Psychological Vitality
PRESENTED BY: Katrina Vega, Kailyn Mooney, Shasta Savage, Eileen Grandel, Samantha Towle, Chinemenma Udokwu, Brittany Carey, Patricia Herrmann, and Chris Hill
FACULTY SPONSOR: Leigh Ann Vaughn

Imagined Contact with Muslims Can Increase Intentions for Contact in the United States
PRESENTED BY: Chinemenma Udokwu, Kailyn Mooney, Shasta Savage, Eileen Grandel, Samantha Towle, Brittany Carey, Patricia Herrmann, Chris Hill, and Katrina Vega
FACULTY SPONSOR: Leigh Ann Vaughn

Did Washington or Bin Laden Say It? Quote Attribution Is Still Relevant
PRESENTED BY: Samantha Towle, Kailyn Mooney, Shasta Savage, Eileen Grandel, Chinemenma Udokwu, Brittany Carey, Patricia Herrmann, Chris Hill, and Katrina Vega
FACULTY SPONSOR: Leigh Ann Vaughn

Behavioral Consequences of Counterfactual Communication of Disease Information
PRESENTED BY: Jaymi Feeney, Anastasia Diamond, Michael Farsi, Stephanie Kaczor, Morgyn Sattenspiel, Clement Towner, Grace Park, Mary Hetterich, Allison Vizgaitis, Chelsea Osterweil, Rosette Epstein, and Michael Falconeri
FACULTY SPONSOR: Mary Turner DePalma

Concerns about Conducting Health Research on the Amazon MTurk Platform
PRESENTED BY: Jaymi Feeney, Anastasia Diamond, Michael Farsi, Stephanie Kaczor, Morgyn Sattenspiel, Clement Towner, Grace Park, Mary Hetterich, Allison Vizgaitis, Chelsea Osterweil, Rosette Epstein, and Michael Falconeri
FACULTY SPONSOR: Mary Turner DePalma

Depiction of Race, Gender, and Ability in Elementary and Middle School Health Textbooks
PRESENTED BY: Katherine Hoover
FACULTY SPONSOR: Sherry Deckman

Aquatic Therapy following Achilles Repair and Tendon Transfer in a Collegiate Baseball Player
PRESENTED BY: Alison Young
FACULTY SPONSOR: Barb Belyea

The Use of Kinesiotape to Augment Physical Therapy Intervention in a Collegiate Swimmer with Shoulder Pain and Instability
PRESENTED BY: Sara Nelson
FACULTY SPONSOR: Barb Belyea

Analysis of Nutrient Concentrations in Surface Water Adjacent to a Dairy Farm in the Finger Lakes Region
PRESENTED BY: Anna Angione
FACULTY SPONSOR: Chris Sinton

Evaluating Potential Heavy Metal Contamination from Ithaca Gun Company in the Fall Creek Delta
PRESENTED BY: Camron Zerbion
FACULTY SPONSOR: Chris Sinton

James J. Whalen Academic Symposium | North Foyer, Phillips Hall, continued
SESSION 8: 2:25–3:30 p.m.

A Deceptive Disorder: Investigating Progressive Supranuclear Palsy
PRESENTED BY: Cara Schiedel
FACULTY SPONSOR: Yvonne Rogalski

A Life Within: An Overview of Amyotrophic Lateral Sclerosis
PRESENTED BY: Dana Falcioni
FACULTY SPONSOR: Yvonne Rogalski

An Overview of Pediatric Epilepsy
PRESENTED BY: Melissa Austin
FACULTY SPONSOR: Yvonne Rogalski

Developmental Dyslexia: A Complex Neurological Disorder
PRESENTED BY: Caitlin Green
FACULTY SPONSOR: Yvonne Rogalski

An Overview of Huntington’s Disease
PRESENTED BY: Rachel Vein
FACULTY SPONSOR: Yvonne Rogalski

Global and Local Coherence in Parkinson’s Disease
PRESENTED BY: Sarah Mucci
FACULTY SPONSOR: Yvonne Rogalski

Areas of Confidence and Concern among Speech-Language Pathology Graduate Students: An Investigation
PRESENTED BY: Danica Carlson and Kaitlyn Risberg
FACULTY SPONSORS: Jana Waller and Mary Pitti

Investigating the Role of Carboxy-Terminal Domain of RNA Polymerase II in Chromatin Remodeling and Gene Expression in Schizosaccharomyces pombe
PRESENTED BY: Ruby Benn
FACULTY SPONSOR: Maki Inada

Fitness Center Use at Ithaca College
PRESENTED BY: Aliza Kamman, Heather Burhans, Daniel Cerone, Kylie Bangs, Lindsay Flanagan, Nancy Cooper, and Sean Soules
FACULTY SPONSOR: Miranda Kaye

The Effects of Alcohol on College Students’ Sexual Behavior
PRESENTED BY: Lindsey Lamond, Alexandra Liese, Rebecca Guzzo, Joel Lynch, Alicia Woller, and Rolf Krauss
FACULTY SPONSOR: Miranda Kaye

Speak Softly and Carry a Big Stick: Proverb Comprehension among College Students Award Finalist
PRESENTED BY: Arianna Jarosinski and Taylor Willey
FACULTY SPONSOR: Skott Freedman

CLARK LOUNGE, EGBERT HALL

Inquiry, Imagination, and Innovation and A World of Systems

SESSION 1: 9:20–10:25 a.m.

Deviant Angels: Reimagined Religious Figures and Ideologies in Philip Pullman’s “His Dark Materials”
PRESENTED BY: Kathleen Comber
FACULTY SPONSOR: Katharine Kittredge

Flexing Gender and Ringing Down the Dead: Heroic Young Women in the Abhorsen Trilogy
PRESENTED BY: Taylor Greenwood
FACULTY SPONSOR: Katharine Kittredge

Gaining the Power of Choice: Women, Agency, and Magic in Young Adult Fantasy
PRESENTED BY: Carrie Haas
FACULTY SPONSOR: Katharine Kittredge

The Struggle for (and against) Achieving Womanhood: Female Agency in Fantasy for Younger Children
PRESENTED BY: Kelly Kane
FACULTY SPONSOR: Katharine Kittredge

SESSION 2: 10:25–10:45 a.m.

Pure Gold: A Collection of Italian Folk Songs for Children, Researched, Transcribed, and Arranged
PRESENTED BY: Jennifer Giustino
FACULTY SPONSOR: Emily Mason

How Justin Timberlake Is Changing the World
PRESENTED BY: James Parker
FACULTY SPONSOR: Sara Haefeli

SESSION 3: 10:50–11:25 a.m.

Psychedelics and Mystical Experience: A Spark to an Eternal Flame
PRESENTED BY: Greg Tilden
FACULTY SPONSOR: Brian Karafin

John Stuart Mill and Progress
PRESENTED BY: Austin Douillard
FACULTY SPONSOR: Craig Duncan

Personal Trainers’ Attitudes toward Cultural Pluralism
PRESENTED BY: Kelsey Blair
FACULTY SPONSORS: Miranda Kaye and Justine Vosloo
**SESSION 4: 11:30 a.m.–12:05 p.m.**

The Performance Style and Idiosyncrasies of Vaudeville Star Harry Rose: Their Relevance and Usefulness for Today's Musical Theatre Performer  
PRESENTED BY: Nicholas Carroll  
FACULTY SPONSOR: Joel Gelpke

The Performance Style and Idiosyncrasies of Vaudeville Star Ethel Merman: Their Relevance and Usefulness for Today's Musical Theatre Performer  
PRESENTED BY: Grace Stockdale  
FACULTY SPONSOR: Joel Gelpke

Alumni Performance—Ancestral Voices of Puerto Rico: Monologue  
PRESENTED BY: Josh Sedelmeyer  
FACULTY SPONSOR: Kathleen Mulligan

**SESSION 5: 12:10–1:00 p.m.**

Re-imagining Medea  
Award Finalist  
PRESENTED BY: Marisa Andrews  
FACULTY SPONSOR: Saviana Condeescu-Stanescu

Macbeth in Performance: An Exploration of Human Error  
Award Finalist  
PRESENTED BY: Drew Weinstein  
FACULTY SPONSOR: Chrystyna Dail

Angels, Demons, and the Rest of Us  
Award Finalist  
PRESENTED BY: Jacob Minter and Benjamin Viagas  
FACULTY SPONSOR: Sally Lamb McCune

Embodying Culture through Music Performance  
Award Finalist  
PRESENTED BY: Erin Mahon and Chinemenma Udokwu  
FACULTY SPONSOR: Denise Nuttall

**SESSION 6: 1:10–1:45 p.m.**

The Relationship between BMI and Cycling Efficiency  
PRESENTED BY: Suma Kulkarni, Tamara Meuwissen, Jacob Schlierf, and Anthony Spinelli  
FACULTY SPONSORS: Miranda Kaye and Tom Swensen

Intention to Breastfeed in Female College Students: A Pilot Study  
PRESENTED BY: Ashley Bleistein  
FACULTY SPONSOR: Miranda Kaye

Predicting Performance in Swimming: A Taper’s Influence on Mood States and Achievement Goals  
PRESENTED BY: James Sica  
FACULTY SPONSOR: Miranda Kaye

**SESSION 7: 1:50–2:25 p.m.**

Measuring the Hysteresis of Ferrite  
PRESENTED BY: Gregory Fobes  
FACULTY SPONSOR: Bruce Thompson

A Comparative Study of Selective Alkyne Dimerization Catalysts  
PRESENTED BY: Max Klemes  
FACULTY SPONSOR: Anna Larsen

MegsRadio: Using Personalized Radio to Enhance Local Music Discovery  
PRESENTED BY: Alex Wolf  
FACULTY SPONSOR: Douglas Turnbull

**SESSION 8: 2:35–3:10 p.m.**

The Reliability of a Simple Time Trial Cycle Test  
PRESENTED BY: Tamara Meuwissen and Pauline Werner  
FACULTY SPONSOR: Tom Swensen

Reliability of a Sprint Test to Measure Anaerobic Power in College-Age Students  
PRESENTED BY: Alexa Chandler and Stephanie Zybert  
FACULTY SPONSOR: Tom Swensen

The Effects of Physical Activity on the Number of Sexual Partners among College Students  
PRESENTED BY: Daniel Flanick, Jacob Alvarez, James Garofalo, Lindsay Goldthorpe, Zachary Shnider, and Jessica Marie Soriano  
FACULTY SPONSOR: Miranda Kaye
KLINGENSTEIN LOUNGE, EGBERT HALL

SESSIONS 1 and 2: 9:25–10:40 a.m.

Let Me Tell You a Story
PRESENTED BY: Shannon Moloney
FACULTY SPONSOR: Diane McPherson

Poetry Selection
PRESENTED BY: Natalya Cowilich
FACULTY SPONSOR: Jerry Mirskin

When I Think of Moths
PRESENTED BY: Amber Donofrio
FACULTY SPONSOR: Elizabeth Lawson

Reforming American Science Education
PRESENTED BY: Dubian Campbell and Natalya Cowilich
FACULTY SPONSOR: Antonio DiRenzo

How Wegmans Implemented and Promoted Its Gluten-Free Products
PRESENTED BY: Krystall Escobedo, Jackie Meshako, and Andrew Picone
FACULTY SPONSOR: Antonio DiRenzo

Autobiography Selection
PRESENTED BY: Natalya Cowilich
FACULTY SPONSOR: Katharyn Howd Machan

Buitre
PRESENTED BY: Sandy Saldana
FACULTY SPONSOR: Cory Brown

Poetry Selection
PRESENTED BY: Jacob Peters
FACULTY SPONSOR: Cory Brown

SESSIONS 3 and 4: 10:50 a.m.–12:05 p.m.

Poetics Selection
PRESENTED BY: Natalya Cowilich
FACULTY SPONSOR: Mary Beth O’Connor

Poetics Selection
PRESENTED BY: Aaron Willsey
FACULTY SPONSOR: Mary Beth O’Connor

The Process Manifesto
PRESENTED BY: Elizabeth Levine
FACULTY SPONSOR: Mary Beth O’Connor

Structure and Intention in the Short Story
PRESENTED BY: David Andersen
FACULTY SPONSOR: Mary Beth O’Connor

Fall 2013, Slam It!
PRESENTED BY: Taryn Pire
FACULTY SPONSOR: Mary Beth O’Connor

Human Expression through the Arts: A Resident Development Program (HEARD)
PRESENTED BY: Elizabeth Levine, Adrian Anderson, Kara Bhatti, Bridget Cafaro, and Moriah Petty
FACULTY SPONSOR: Patricia B. Spencer

The Sustainability Alliance of Tompkins County
PRESENTED BY: T. Duncan Fuller, Erin Naylon, Ilana Milbauer, and Victoria Safner
FACULTY SPONSOR: Patricia B. Spencer

SESSION 5: 12:10–1:00 p.m.

The Struggle for (and against) Achieving Womanhood: Female Agency in Fantasy for Younger Children
Award Finalist
PRESENTED BY: Kelly Kane
FACULTY SPONSOR: Katharine Kittredge

Deviant Angels: Reimagined Religious Figures and Ideologies in Philip Pullman’s “His Dark Materials”
Award Finalist
PRESENTED BY: Kathleen Comber
FACULTY SPONSOR: Dan Breen

Critical Theory in Moby-Dick
Award Finalist
PRESENTED BY: Zachary Krowiak
FACULTY SPONSOR: Dan Breen

Translingualism: Gustavo Perez Firmat’s Self-Expression of Hybridity
Award Finalist
PRESENTED BY: Thomas Conners
FACULTY SPONSOR: Annette Levine

SESSIONS 6 and 7: 1:10–2:25 p.m.

Excerpt from Writing the Short Novel
PRESENTED BY: David Andersen
FACULTY SPONSOR: Jack Wang

Full of Holes: A Mosaic of the Anxious
PRESENTED BY: Elizabeth Levine
FACULTY SPONSOR: Catherine Taylor
Smudges on the Glass: Art and Life Intertwined  
PRESENTED BY: Amber Donofrio  
FACULTY SPONSOR: Catherine Taylor

Ars Poetica  
PRESENTED BY: Isadora Herold  
FACULTY SPONSOR: Catherine Taylor

From Horace to Hurston: A Modern Ars Poetica  
PRESENTED BY: Kristen Jennings  
FACULTY SPONSOR: Catherine Taylor

The Great Act  
PRESENTED BY: Anna Schenk  
FACULTY SPONSOR: Eleanor Henderson

How Brave Their Folly  
PRESENTED BY: Kelly Kane  
FACULTY SPONSOR: Eleanor Henderson

SESSION 8: 2:35-3:10 p.m.

Negotiating Feminism through the Works of Beyonce and Chimamanda Ngozi Adichie  
PRESENTED BY: Neli Gacheva, Rosswill Lyons, and Alexa Money  
FACULTY SPONSOR: Kati Lustyik

Girls’ Generation to Global Generation: Analysis of Cultural Hybridization and Distribution through K-Pop  
PRESENTED BY: Chelsey Lavere, Lindsey Smith, and Robert Derin  
FACULTY SPONSOR: Kati Lustyik

Women in Media and the Challenge for Al-hurra: A U.S. Propaganda Channel Negotiates the Cultural Space in the Arab World  
PRESENTED BY: Moriah Petty, Christine Shultz, and Lucia Brown  
FACULTY SPONSOR: Kati Lustyik

ITHACA FALLS MEETING ROOM, EGBERT HALL

SESSION 1: 9:25-10:00 a.m.

The Utilization and Effectiveness of Malaria Prevention Media Campaigns in Brazil  
PRESENTED BY: Chloe Wilson  
FACULTY SPONSOR: Jonathan Ablard

Exploring Faculty Navigation of Minor Situations of Unfairness and Injustice  
PRESENTED BY: Cedrick-Michael Simmons  
FACULTY SPONSOR: Stephen Sweet

The Readability of Fantasy Sports Journalism  
PRESENTED BY: Bill Loveland  
FACULTY SPONSOR: Mead Loop

SESSION 2: 10:05-10:40 a.m.

Ag2O Electrodeposition from Ammonical Silver Solution  
PRESENTED BY: Kyle Clifford  
FACULTY SPONSOR: Akiko Fillinger

Orbits of Generalized Fibonacci Sequences with Complex Coefficients  
PRESENTED BY: Katharine Ahrens  
FACULTY SPONSOR: David Brown

Geometric Proofs of Irrationality  
PRESENTED BY: Benjamin Van De Water and Erin Jolley  
FACULTY SPONSOR: David Brown

SESSION 3: 10:50-11:25 a.m.

Applying the Laplace Transform on Special Functions  
PRESENTED BY: Iancu Dima  
FACULTY SPONSOR: Osman Yurekli

A Combinatoric Approach to nDimensional Figurate Numbers  
PRESENTED BY: Sam Lloyd  
FACULTY SPONSOR: Osman Yurekli

Triangular Arrays  
PRESENTED BY: Samuel Reed  
FACULTY SPONSOR: Osman Yurekli

SESSION 4: 11:30 a.m.-12:05 p.m.

Generating Electricity from Compost Using the Seebeck E  
PRESENTED BY: Rachel Hallock  
FACULTY SPONSOR: Michael “Bodhi” Rogers
Hearing the Formation of Planets: Spectral Sonification of Astronomical Sources  
Award Finalist  
PRESENTED BY: Jeffrey Porzio  
FACULTY SPONSOR: Luke Keller

Observing Star Formation from the Stratosphere  
Award Finalist  
PRESENTED BY: Katherine Kennovin  
FACULTY SPONSOR: Luke Keller

**SESSION 5: 12:10 p.m.–1:00 p.m.**

Living with a Label: Incorporating Learning Disability into Sense of Self  
Award Finalist  
PRESENTED BY: Natalya Cowilich  
FACULTY SPONSOR: Stephen Sweet

American Dream for Whom? Exploring the Long-Term Impacts of Stop-and-Frisk Encounters on Young Men in New York City  
Award Finalist  
PRESENTED BY: Matt Orama  
FACULTY SPONSOR: Bhavani Arabandi

**USAID and Family Planning in Guatemala**  
Award Finalist  
PRESENTED BY: Celina Foran  
FACULTY SPONSOR: Jonathan Ablard

The Social Implications of Toxic Pesticide Accidents in Latin America  
Award Finalist  
PRESENTED BY: Jeremy Betterley  
FACULTY SPONSOR: Jonathan Ablard

**SESSION 6: 1:10–1:45 p.m.**

Becoming, Belonging, and Being an American: Having American Freedom from a Korean Immigrant Perspective  
PRESENTED BY: Jihyun Lee  
FACULTY SPONSOR: Carlos Figueroa

Collaborating with the Haudenosaunee: Anthropological Perspectives on the Two-Row Wampum Campaign  
PRESENTED BY: Tariq Widarso  
FACULTY SPONSOR: Brooke Hansen

One Love: A Rhetorical Analysis of Bob Marley’s Music  
PRESENTED BY: Jonathon Cummings  
FACULTY SPONSOR: Christopher House

**EMERSON A, PHILLIPS HALL**

Mind, Body, Spirit and Power and Justice

**SESSION 1: 9:25–10:00 a.m.**

The Effects of Exercise and Sleep on Academic Performance  
PRESENTED BY: Anya Eckhardt, Sam Whitney, and Sarita Paudel  
FACULTY SPONSORS: Miranda Kaye and Srijana Bajracharya

Predictors of Aggression in Competitive Athletics among College Students  
PRESENTED BY: Anthony Erz  
FACULTY SPONSOR: Miranda Kaye

The Relationship between Alcohol Consumption and Risky Sexual Behavior among College Students  
PRESENTED BY: Ann Messenger and Lindsey Thut  
FACULTY SPONSORS: Miranda Kaye and Srijana Bajracharya

**SESSION 2: 10:05–10:40 a.m.**

Are Occupational Therapists Addressing Social Participation in Stroke Survivors?  
PRESENTED BY: Michelle L. Denison  
FACULTY SPONSOR: Carole W. Dennis

Use of Google Glass to Enhance Self-Assessment of Interpersonal Communication Skills  
PRESENTED BY: Fiona Mancuso and Alex Blackman  
FACULTY SPONSOR: Michael Buck

Student Attitudes toward the Use of Electronic Devices to Support Learning  
PRESENTED BY: Renee Metzger  
FACULTY SPONSOR: Michael Buck

**SESSION 3: 10:50–11:25 a.m.**

“How Vilely doth this Cynic Rhyme”: A Study of Shakespeare’s Fool  
PRESENTED BY: Joshua Greenfield  
FACULTY SPONSOR: Christopher Matusiak

Injuries in the Making: Directing and Acting the “Opposites” in Gruesome Playground Injuries  
PRESENTED BY: Dennis Chambers  
FACULTY SPONSOR: Wendy Dann

Teatro: Student Performance about the Postville Raid  
PRESENTED BY: Tessa Crisman, Anna Schenk, Diana Huberty, Kai Schedlovsky, David Heffernan, Benjamin Gaynor, Emelia Breen, and Emily Jolley  
FACULTY SPONSOR: Annette Levine
SESSION 4: 11:30 a.m.-12:05 p.m.

Exercise the Mind and Body: The Optimal Approach to Rehabilitation
PRESENTED BY: Kristin Enty, Jessica Anderson, and Kayla Dickson
FACULTY SPONSORS: Miranda Kaye and Justine Vosloo

VO2max Testing in an Ithaca College Citrulline Study
PRESENTED BY: Suma Kulkarni and Anthony Spinelli
FACULTY SPONSOR: Tom Swensen

Effect of an Eight-Week Neuromuscular Training Program on Landing Mechanics in High School Cheerleaders
Award Finalist
PRESENTED BY: Caroline Coleman, Tyler Edwards, Joseph Weber, and David Wolcott
FACULTY SPONSOR: Barb Belyea

SESSION 5: 12:10-1:00 p.m.

Improving Infant and Maternal Health in El Salvador: Think Locally, Act Globally
Award Finalist
PRESENTED BY: Donette Ritchie and Rebekah Wolinsky
FACULTY SPONSOR: Karen Edwards

Relationships between Eating Disorders and Physical Activity on Ithaca College Campus from 2009 through 2013
Award Finalist
PRESENTED BY: Brooke Appelman, Jonathan Jones, and Sotiria Panousaki
FACULTY SPONSORS: Miranda Kaye and Srijana Bajracharya

Do Sleep, Stress, and Gender Impact Academic Performance in Ithaca College Students?
Award Finalist
PRESENTED BY: Nicola Jennings
FACULTY SPONSORS: Miranda Kaye and Srijana Bajracharya

Alcohol Consumption: Athletes vs. Nonathletes
Award Finalist
PRESENTED BY: Kristin Enty and Jessica Anderson
FACULTY SPONSOR: Miranda Kaye

SESSION 6: 1:10-1:45 p.m.

Why Men Who Have Sex with Other Men Are Deferred from Donating Blood: An Outdated Policy Fueled by Hetero-Normativity
PRESENTED BY: Gregory Addicott
FACULTY SPONSOR: Karen Edwards

Diversity in the Health Professions
PRESENTED BY: Donette Ritchie
FACULTY SPONSOR: Karen Edwards

Are Mammograms Doing More Harm Than Good?
PRESENTED BY: Nelissa Taveras
FACULTY SPONSOR: Karen Edwards

SESSION 7: 1:50-2:25 p.m.

Legal and Ethical Implications of Organ Donation
PRESENTED BY: Kara Johnson
FACULTY SPONSOR: Karen Edwards

Live Free or Die: Decriminalization of Marijuana in New Hampshire
PRESENTED BY: Ryan Wessels
FACULTY SPONSOR: Karen Edwards

Cooking in College: Integrating a Holistic Approach to Health through Kitchen and Nutrition Education
PRESENTED BY: Tara Bartkoski, Lindsay Simpson, Kelli Bujanowski, Taylor Haury, Abby DeFrancis, and Skylar Griffenberg
FACULTY SPONSOR: Karen Edwards

SESSION 8: 2:35-3:10 p.m.

Chaotic Elections: Constructing and Decomposing an Election Profile Using Various Voting Procedures
PRESENTED BY: Rachel Lee
FACULTY SPONSOR: Stan Seltzer

Does Shape Model Precision or Accuracy Have an Effect on Photometric Models?
PRESENTED BY: Megan Kelleher
FACULTY SPONSOR: Beth Ellen Clark Joseph

Decisions, Decisions: Analysis of Sequence Alignment for the Genus Guarnia
PRESENTED BY: Lauren Ryan
FACULTY SPONSOR: Susan Swensen Witherup
EMERSON B, PHILLIPS HALL
Honors, Martin Luther King Scholars, Park Scholars, and English

SESSION 1: 9:25–10:00 a.m.

Unnecessary Stress: College Names’ Effect on Prospective Students
Honors
PRESENTED BY: Emily Vosburg
FACULTY SPONSOR: Elizabeth Bleicher

Video Games’ Effects on Youth: Detrimental, Constructive, or Just Complicated?
Honors
PRESENTED BY: Joshua Speer
FACULTY SPONSOR: Elizabeth Bleicher

Poppin’ Tags and Poppin’ Expectations
Honors
PRESENTED BY: Rachel Barone
FACULTY SPONSOR: Elizabeth Bleicher

SESSION 2: 10:05–10:40 a.m.

Civic Education through Service Learning: How to Prevent the Demolition of Democracy
Honors
PRESENTED BY: Kayla Dwyer
FACULTY SPONSOR: Elizabeth Bleicher

Nature Kids: Leave No Trace Program for Elementary School Students
Honors
PRESENTED BY: Julie Erickson
FACULTY SPONSOR: Elizabeth Bleicher

Women’s Roles in Euripides
PRESENTED BY: Kaitlyn Folkes
FACULTY SPONSOR: David Flanagan

SESSION 3: 10:50–11:25 a.m.

Becoming Digital
PRESENTED BY: Amanda Del Sontro
FACULTY SPONSOR: Mary Lourdes Silva

Closing the Gap: The Unique Challenge of Teens Living with Cancer
Honors
PRESENTED BY: Bryn Mugnolo
FACULTY SPONSOR: Thomas J. Pfaff

SESSION 4: 11:30 a.m.–12:05 p.m.

Urban Planning and Sustainability: Revitalization or Gentrification?
Park Scholar
PRESENTED BY: Moriah Petty
FACULTY SPONSOR: Matthew J. Fee

Relief Organizations and Voluntourism: Unpacking the Relief
Park Scholar
PRESENTED BY: Megan Devlin
FACULTY SPONSOR: Matthew J. Fee

NOLA’s Film Industry: The Reel Truth
Park Scholar
PRESENTED BY: JP Keenan
FACULTY SPONSOR: Matthew J. Fee

SESSION 5: 12:10–1:00 p.m.

A Way Out or a Different Way In? A Look at the Role of Soccer in Ecuador and Ghana
Martin Luther King Scholar
Award Finalist
PRESENTED BY: Candace Burton
FACULTY SPONSOR: Belisa Gonzalez

Reclaiming the Rainbow: Unweaving the Politics of Being LGBT
Martin Luther King Scholar
Award Finalist
PRESENTED BY: Aaron Lipford
FACULTY SPONSOR: Belisa Gonzalez

More Than Just a Vacation: Connecting the Principles and Insight from International Travel to Student Leadership at IC
Martin Luther King Scholar
Award Finalist
PRESENTED BY: Cedrick-Michael Simmons
FACULTY SPONSOR: Belisa Gonzalez

Global Disabilities in Your Backyard: The Ideal vs. the Reality
Martin Luther King Scholar
Award Finalist
PRESENTED BY: Christina Mathew
FACULTY SPONSOR: Belisa Gonzalez

Preventing Stress at the Roots: A Look into RA Awareness on Gender Stress Differences
Honors
PRESENTED BY: Cailin Harro
FACULTY SPONSOR: Thomas J. Pfaff
SESSION 6: 1:10–1:45 p.m.

Tensions between Environmental Protection and Economic Growth in Ecuador and Ghana
Martin Luther King Scholar
PRESENTED BY: Zachary Jones
FACULTY SPONSOR: Belisa Gonzalez
The Resistance of Women in Musica
Martin Luther King Scholar
PRESENTED BY: Anjali Patel
FACULTY SPONSOR: Belisa Gonzalez
Think Like a Lady, Work Like a Man
Martin Luther King Scholar
PRESENTED BY: Quianna Bennett
FACULTY SPONSOR: Belisa Gonzalez

SESSION 7: 1:50–2:25 p.m.

Mobilization Levels of Domestic Workers in Brasil and Ghana
Martin Luther King Scholar
PRESENTED BY: Gabriela Gonzalez
FACULTY SPONSOR: Belisa Gonzalez
Education: Inclusion and Security
Martin Luther King Scholar
PRESENTED BY: Marc Gonzalez
FACULTY SPONSOR: Belisa Gonzalez

SESSION 8: 2:35–3:30 p.m.

Sundering and Sustenance: Modernity Versus Memory in Brian Friel
PRESENTED BY: Jessica Kelly
FACULTY SPONSORS: Dan Breen and Claire Gleitman
Deviant Angels: Reimagined Religious Figures and Ideologies in Philip Pullman’s “His Dark Materials”
PRESENTED BY: Kathleen Comber
FACULTY SPONSOR: Dan Breen
The Black Female Experience: Creations of Sisterhood and the Black Male Influence
PRESENTED BY: Tiara Kanney
FACULTY SPONSORS: Dan Breen and Derek Adams
From Plautus’s Pyrgopolynices to Will Ferrell’s George W. Bush: The “Braggart Soldier” and Social Satire
PRESENTED BY: Jonathan Schuta
FACULTY SPONSORS: Dan Breen and Christopher Matusiak
Critical Theory in Moby-Dick
PRESENTED BY: Zachary Krowiak
FACULTY SPONSOR: Dan Breen

EMERSON C, PHILLIPS HALL
Quest for a Sustainable Future and Identities

SESSION 1: 9:25–10:00 a.m.

Incorporating Biofuels on the Ithaca College Campus: A Feasibility Study
PRESENTED BY: Jeremy Betterly, Ryan Burns, Zachary Connor, Mary Corcoran, Kenneth Greiser, Rachel Hallock, Rani Jacobson, Benjamin Knowles, Menli McCreaight, Angela Patterson, Jeremy Poe, Elan Reuven, Sarah Shimdlin, Gabriella Sophir, Robert Tolette, Benjamin Tolles, Blake Weatherbee, and Camron Zerbian
FACULTY SPONSOR: Chris Sinton

SESSION 2: 10:05–10:40 a.m.

Populations Effect on an Economy
PRESENTED BY: Jacqueline Green
FACULTY SPONSORS: Miranda Kaye and Elia Kacapyr
A Profile of Aggression: 2x2 Achievement Goals and Aggression
PRESENTED BY: Corey Caswell and Josh Liemer
FACULTY SPONSOR: Miranda Kaye
Body Image Difference in Female Collegiate Athletes
PRESENTED BY: Jamie Ruddy and Jaclyn Rodabaugh
FACULTY SPONSOR: Miranda Kaye

SESSION 3: 10:50–11:25 a.m.

Gaze as a Mode of Understanding the Self/Other Dichotomy
PRESENTED BY: Samuel Boyles
FACULTY SPONSOR: Nancy Rader
Facing the Consequences? Families, Peer Relationships, and Misbehavior in Teen Shows
PRESENTED BY: Erin Henrici and Katherine Sheena
FACULTY SPONSOR: Cyndy Scheibe
PRESENTED BY: Lianna Tullis
FACULTY SPONSOR: Cyndy Scheibe

SESSION 4: 11:30 a.m.–12 noon

Unexpected Resolutions: A Comparative Harmonic Analysis of Wayne Shorter and Radiohead
Award Finalist
PRESENTED BY: Rosemary Ward
FACULTY SPONSOR: Les Black
A Flute’s Perspective of the Bird’s Flight through Music History
Award Finalist
PRESENTED BY: Chelsea Kaye Lanphear
FACULTY SPONSOR: Sara Haefeli

The Reality Pedagogy in Music Education
Award Finalist
PRESENTED BY: Rebecca Saltzman
FACULTY SPONSOR: Baruch Whitehead

SESSION 5: 12:10–1:00 p.m.

Working with Community Partners in Intag, Ecuador, to Create Educational Outreach Videos about Cloud Forest Biodiversity and Conservation for Primary School Children
Award Finalist
PRESENTED BY: Jackson Eagan
FACULTY SPONSOR: Carol Jennings

The Influence of Social Media on Hiring Practices
Award Finalist
PRESENTED BY: Sarah Grant, Katelyn Madison, Deborah Moran, Christina Nance, and Abigayle Piechnik
FACULTY SPONSOR: Gordon Rowland

Authorizing Resisting Arrest
Award Finalist
PRESENTED BY: Elizabeth Deery
FACULTY SPONSOR: Gwen Seaquist

The History and Current State of the Effect of Homosexuality on Child Custody Cases in Mississippi
Award Finalist
PRESENTED BY: Chelsea Ireland
FACULTY SPONSOR: Gwen Seaquist

SESSION 6: 1:10–1:45 p.m.

An Atypical Farming Method: Aquaponics at Ithaca College
PRESENTED BY: Benjamin Tolles, Sarah Schmidlin, Emily Horowitz, Courtney Denardo, and Robert Tolette
FACULTY SPONSOR: Paula Turkon

Efficiency Study of Aquaponic, Hydroponic, and Soil Systems
PRESENTED BY: Robert Tolette
FACULTY SPONSOR: Paula Turkon

Sustainable Tilapia Reproduction and Nutritional Inputs in an Aquaponic System
PRESENTED BY: Benjamin Tolles, Sarah Schmidlin, and Emily Horowitz
FACULTY SPONSOR: Paula Turkon

SESSION 7: 1:50–2:25 p.m.

Aquaponic Education
PRESENTED BY: Courtney Denardo
FACULTY SPONSOR: Paula Turkon

Cultural Censorship of La Voz Latina; Or, Latina Writers as Rebels in (Mostly) English
PRESENTED BY: Lucy Walker
FACULTY SPONSOR: Annette Levine

Translingualism: Gustavo Perez Firmat’s Self-Expression of Hybridity
PRESENTED BY: Thomas Conners
FACULTY SPONSOR: Annette Levine

SESSION 8: 2:35–3:10 p.m.

Defense of Property in New York
PRESENTED BY: Jordan Casey
FACULTY SPONSOR: Gwen Seaquist

Is My Dorm Home Sweet Home: An Exploration of Fourth Amendment Protections at Public Universities
PRESENTED BY: Quianna Bennett
FACULTY SPONSOR: Gwen Seaquist

Understanding the Shelby County v. Holder Decision
PRESENTED BY: William Rufkahr
FACULTY SPONSOR: Gwen Seaquist
Volunteers
Jonathan Ablard, Penny Bogardus, Michelle Bradshaw, Kari Brossard-Stooos, Marian Brown, Tina Caswell, Warren Calderone, Dan Cleveland, Melinda Cozzolino, Robin Davis, Marella Feltrin-Morris, Ben Hogben, Chris Hummel, Jennifer Kay, Laura Kuo, Jessica LeMore, Monica McGavin, Catherine Michael, Nancy Pierce, Bailey Reagan, Karenn Reeter, Kristina Shanton, Laurie Shaw, Dean Simms-Elias, Cheryl Tarbell, Paula Turkon, Laurie Wasik, Susan Weatherby, Krystel Weston, Jeffrey Wright, and Athena Zhang

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“Ithaca College values and encourages student research, and what better way to showcase the extremely talented students and faculty here at the college than by holding this annual symposium. It takes an entire college to make this event successful, and everyone’s hard work is so appreciated by the Whalen team.”

MaryAnn Taylor
Assistant to the Provost
Sponsored Research Coordinator