

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*



ITHACA COLLEGE



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

Whalen Symposium Steering Committee

- Peter Alario, *Event Planning and Special Programs*
- Katherine Beissner, *Physical Therapy*
- Elizabeth Bergman, *Gerontology*
- Brandy Bessette-Symons, *Psychology*
- Sean Eversley Bradwell, *Center for the Study of Culture, Race and Ethnicity*
- Chrystyna Dail, *Theatre Arts*
- Karen Emnett, *Office of the Provost*
- Akiko Fillinger, *Chemistry*
- Derrick Fox, *Music*
- Cristina Gomez, *Mathematics*
- Hormoz Movassaghi, *Finance and International Business*
- Fyiane Nsilo-Swai, *Librarian*
- Drew Olkowski, *Sponsored Research*
- Wade Pickren, *Sponsored Research*
- Dave Prunty, *Campus Center and Events Services*
- Yvonne Rogalski, *Speech-Language Pathology and Audiology*
- MaryAnn Taylor, *Sponsored Research*

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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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" <i>by Sean Eversley Bradwell</i>
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.

INTEGRATIVE CORE CURRICULUM (ICC)



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?

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 Bartkowiak

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: Zackary Mitchell, Robbie Williamson, Joseph Armeli, John Cipriani, and Theodore Patrikas

FACULTY SPONSOR: Miranda Kaye

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

III 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

Award Finalist

PRESENTED BY: Rebecca Guzzo

FACULTY SPONSOR: Kent Scriber

Exercise-Induced Laryngeal Obstruction in a Collegiate Male Soccer Athlete

Award Finalist

PRESENTED BY: Sarah Donovan

FACULTY SPONSORS: Michael Matheny and Mary Pitti

Conservative Management of a Jones Fracture in a Men's Basketball Player

Award Finalist

PRESENTED BY: Andrew Claypool

FACULTY SPONSOR: Courtney Gray

Social Participation in Community-Dwelling Post-Discharge Stroke Patients and the Role of Occupational Therapists

Award Finalist

PRESENTED BY: Makenzie Holmsborg

FACULTY SPONSOR: Carole W. Dennis

Femoral Acetabular Impingement and Acetabular Labral Tear in a Female Soccer Player

Award Finalist

PRESENTED BY: Sydney Folk

FACULTY SPONSOR: Courtney Gray

Self-Understanding in Girlhood: An Assessment of Participation in a Girl Empowerment Program

Award 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

Award 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

Award 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

Award 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

Award Finalist

PRESENTED BY: Robbie Williamson

FACULTY SPONSOR: Todd Lazenby

SESSIONS 6 and 7: 1:10-2:25 p.m.

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 Zerbian

FACULTY SPONSOR: Chris Sinton

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: Katherine 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 Idiosyncracies of Vaudeville Star Harry Rose:
Their Relevance and Usefulness for Today's Musical Theatre Performer**

PRESENTED BY: Nicholas Carroll
FACULTY SPONSOR: Joel Gelpe

**The Performance Style and Idiosyncracies of Vaudeville Star Ethel Merman:
Their Relevance and Usefulness for Today's Musical Theatre Performer**

PRESENTED BY: Grace Stockdale
FACULTY SPONSOR: Joel Gelpe

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

Fall 2013, Slam It!

PRESENTED BY: Kirsten Samanich
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 Schidlovsky, 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

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 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

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 McCreight, 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

Time and Time Again: Content Analysis of Messages about Gender, Appearance, Body Image, and Race in Television Teen Shows (1991-2013)

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 Abigail 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 Connors

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-Stoos, 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, Krystal Weston, Jeffrey Wright, and Athena Zhang

Office of the Provost Staff

Christopher D'Amico, Karen Emmett, Carol Henderson, Danette Johnson, Drew Olkowski, Sarah Pearson, Diana Rumsey, Tammy Sritecha, MaryAnn Taylor, Peggy Termina, and Cathy Wood

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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