

8th Annual Student Research Symposium



Promoting Collaboration Across Disciplines

Saturday, April 12, 2014 | University Hall

Presented by

Office of the Provost | College of the Arts | College of Education and Human Services |
College of Humanities and Social Sciences | College of Science and Mathematics |
School of Business | The Graduate School

It's all here. Montclair State University

Message from the Provost:



To the faculty and student participants of the University-wide Student Research Symposium:

This event, with participants from all across the University, represents the energy, creativity and hard work of which our students are capable under the mentorship of the faculty. Research is hard when done well and done thoroughly but its rewards can be immense, both as personal satisfaction for the job done and for the new knowledge acquired. Mastering the methods, techniques and tools of an intellectual discipline to the degree required for applying them effectively to a real-world question or problem is the essence of an empowering education. The satisfaction of knowing how to confidently apply oneself to a challenge with the techniques of a microbiologist, a sociologist, a psychologist, an accountant, an audiologist, a filmmaker, a journalist, a teacher or public health specialist, or any of a dozen other disciplinary methodologies, is the reward of a successful education and the key to opening a door into the mansion of life-long learning.

Even more satisfying and rewarding, then, is the challenge of tackling a problem with a toolbox of multiple methodologies, with an inter or multidisciplinary approach, either by mastering several different disciplines yourself, or by combining your own skills and efforts with colleagues trained in other disciplines. You may find that the problem cracks open more quickly and more easily when together you bring the collective weight of your individual skills to bear against it. Or together you can identify and address a question larger and more complex than any you could hope to solve individually. This is what has happened in all fields of human knowledge around us, and it happens because curious students like you are always finding creative new ways to apply the lessons of your teachers either to ancient questions (What is a just society? What does war cost? How can we best educate our children?) or to previously unknown functions of nature (What are the neurological pathways that teach a bird to build a nest? Why is dark matter only observable in its effects? What exact conditions trigger an earthquake in a specific place?).

No one will ever answer these questions on their own and no one discipline will serve to do so. That is the challenge and excitement of interdisciplinary cooperation. That is the attraction and promise of this event today, where students from disciplines across the University come together to discuss and share their research on common issues.

The entire faculty of Montclair State are proud of the work you have presented and wish you the best for continued growth and mastery of those skills and achievements.

A handwritten signature in black ink, reading "Willard Gingerich". The signature is fluid and cursive, with the first name "Willard" being more prominent.

Dr. Willard Gingerich
Provost and Vice President for Academic Affairs

Schedule

7:45 am – 8:15 am	Registration and Continental Breakfast University Hall Grand Hallway, 1 st Floor
8:20 am – 8:35 am	Opening Remarks/Welcome – Dr. Willard Gingerich Provost and Vice President for Academic Affairs University Hall Room 1070
8:35 am – 9:15 am	Interdisciplinary Panel Presentation Montclair State University Faculty Members University Hall Room 1070
9:20 am – 10:35 am	Poster Session Block A University Hall Conference Center, 7 th Floor
10:40 am – 12:00 pm	Oral and Multimedia Presentations Block A Room assignments listed in program
12:00 pm – 12:45 pm	Lunch Student Center Ballroom
12:55 pm – 2:15 pm	Oral and Multimedia Presentations Block B Room assignments listed in program
2:20 pm – 3:40 pm	Oral and Multimedia Presentations Block C Room assignments listed in program
3:45 pm – 5:00 pm	Poster Session Block B University Hall Conference Center, 7 th Floor
5:05 pm	Award Presentations and Closing Remarks General Symposium Awards and Closing Remarks Outstanding Interdisciplinary Presentations and Posters University Hall 1070

Oral and Multimedia Presentations

Block A: 10:40 am – 12:00 pm

1. Graduate Award Nominees – University Hall 2046

Moderator: Dr. Dawn Marie Hayes

Presenter: Susan Falciani **Advisor:** Dr. Dawn Marie Hayes
Title: **A kaleidoscope of culture: Cross-cultural influences on twelfth-century English illuminated manuscripts**

Presenter: Rosita Núñez Advisor: Dr. Avinandan Mukherjee
Title: Willingness to pay, environmental knowledge and the perception of responsibility for environmental protection

Presenter: Christine Peters **Advisor:** Dr. Christine Price
Title: Experiences of mothers of children with Autism and aggression: The process of becoming 'Super-Copers'

Presenter: Joel Torres Advisor: Dr. Joel Penney
Title: **Case study: Tailoring messages towards Latino voters in the 2013 New Jersey gubernatorial campaign**

Presenter: Kelly Triece Advisor: Dr. Meiyin Wu
Title: **Examining wildlife habitats associated with road mortality hotspots in New Jersey**
Co-authors: Natalie Sherwood, Meiyin Wu, Gretchen Fowles, Brian Zarate

2. Undergraduate Award Nominees – University Hall 2044

Moderator: Dr. Diana Thomas

Presenter: J. R. Gambino Advisor: Dr. Antoinette Pole
Title: **Civic engagement and community supported agriculture**

Presenter: Thomas Leonardis Advisor: Dr. Steven Leigh
Title: **Understanding injury mechanisms for training and rehabilitation of female dancers: Injury prevalence survey**

Presenter: Sharmin Uddin Advisor: Dr. Diana Thomas
Title: **Does administering different degrees of calorie restriction biweekly improve dietary adherence: A mathematical approach**

Presenter: Mia Zanette Advisor: Dr. Neil Baldwin
Title: **New dimensions in dramaturgy: *Streetcar* and New Orleans**

3. Genetics and Bio-Chemistry - University Hall 2042

Moderator: Dr. Chunguang Du

Presenter: Ahmed Mahmoud Advisor: Dr. Chunguang Du
Title: **Inferring gene regulatory networks based mutual information**
Co-authors: Chunguang Du, Wenwei Xiong

Presenter: Ban Edani Advisor: Dr. Yvonne Gindt
Title: **Studying the repair mechanism of UV-damaged DNA by photolyase enzyme**
Co-authors: Robert Stanley, Sudipto Munshi

Presenter: Rohe Ahmad **Advisor:** Dr. Yvonne Gindt
Title: **Elucidation of the substrate recognition mechanism of VcCry1, a DNA repair enzyme**

7. It's the Economy Stupid! – University Hall 2025
Moderator: Dr. Brian Smith

Presenter: Krystal Sanford Advisor: Avram Segall, Esq.
Title: **The changing of immigration laws, to control the influx of undocumented workers that meet the needs of the growing economy**

Presenter: Demetrius Jennings Advisor: Avram Segall, Esq.
Title: **An analysis of the effects of offshore tax havens on the U.S. economy**

Presenter: Candice Maneri Advisor: Dr. Brian Smith
Title: **Personal responsibility and Capitalism: A discussion of the necessity for liberal ideas in economic policy**

Presenter: Christopher Paparis Advisor: Dr. Ian Drake
Title: **Commercial cannabis: Examining legal history to evaluate the economic future**

Presenter: Besar Mahmudi
Title: **I know you wanna...legalize marijuana**

8. Environmental Issues – University Hall 2012

Presenter: Catherine Konieczny Advisor: Dr. Joshua Galster
Title: **An empirical analysis of the relationship between depopulating cities and baseflow**

Presenter: Christopher Fleischl
Title: **The green IT project**
Co-Authors: Cynthia Alvarez Laveaud, Genesis Serviano

Presenter: Faith Justus Advisor: Dr. Danlin Yu
Title: **Spatial distribution of greenhouse commercial horticulture in Kenya and the role of demographic, infrastructure and topo-edaphic factors**

Presenter: Sushant Singh **Advisor:** Dr. Robert Taylor
Title: **Application of risk perception in decision-making for sustainable arsenic mitigation**

9. Dancing to the Tune of Art, History, and Culture – University Hall 2008
Moderator: Dr. Patrali Chatterjee

Presenter: Sabrina MisirHiralall Advisor: Dr. Tyson Lewis
Title: **The dangers of creativity to misrepresent Indian classical Hindu dance**

Presenter: Kelly Vaghenas Advisor: Dr. Elsa Davidson
Title: **The culture of production of dance teacher magazine**

Presenter: Casey Hittell **Advisor:** Dr. Patralli Chatterjee
Title: **Musical preferences**
Co-authors: Peter Moran, Alexandra Antonelli, Christina Kaplan, Sara Akbulut

Presenter: Coral Payano
 Title: **Art and the sublime**

Advisor: Dr. Elizabeth Valdez del Alamo

10. All in the Family – University Hall 2007
Moderator: Dr. Amanda Baden

Presenter: Mercedes James Advisor: Dr. Lisa Lieberman
Title: **Observing the lives of teen mothers in foster care**

Presenter: Muhammad Raza Advisor: Dr. Jennifer Urban
Title: **Effect of ideal family size on contraceptive practices**

Presenter: Kamila Kolodynska Advisor: Dr. Ian Drake
Title: **The battle over planned parenthood and informed consent laws**

Presenter: Ebony White **Advisor:** Dr. Amanda Baden
Title: **Identifying positive outcomes for African Americans raised by single mothers in low income communities**

Oral and Multimedia Presentations

Block B: 12:55 pm – 2:15 pm

1. Language/Literature: Spoken, Plain, Written – University Hall 2046
Moderator: Dr. Enza Antenos-Conforti

Presenter: John Casella
 Title: **Domenica Bernardi: A life in letters**

Presenter: Reyther Ortega Advisor: Dr. Linda Gould Levine
Title: **Two visions of domestic violence in contemporary Spanish fiction: Lidia Falcón and Icíar Bollaín**

Presenter: Heather Lockhart Advisor: Dr. Melinda Knight
Title: **In plain English: Applying the plain language movement to academia**

Presenter: Joseph Gonzalez Advisor: Dr. Linda Gould Levine
Title: **The sexual tension in Federico García Lorca's, *The House of Bernarda Alba*, and its visualization in Mario Camus's film version**

Presenter: Joseph Gonzalez Advisor: Dr. Raul Galoppe
Title: **Turning film subtitling into an art form: The importance of condensation**

2. Digitizing the World - University Hall 2044

Moderator: Dr. Marc Favata

Presenter: Blake Moore Advisor: Dr. Marc Favata
Title: The soundtrack of the universe: Motivation for a gravitational-wave sounds catalog
Co-author: Goran Dojcinoski

Presenter: Goran Djocinoski Advisor: Dr. Marc Favata
Title: **Listening to the universe: A gravitational-wave sounds catalog**
Co-author: Blake Moore

Presenter: Rocio Duchesne-Onoro Advisor: Dr. Mark Chopping
Title: **Mapping shrub expansion in the north slope of Alaska**
Co-author: Ken Tape

3. The State of College and MSU – University Hall 2042

Presenter:	Michael Canzano	Advisor:	Dr. Kim O'Halloran
Title:	College students and internet gaming: A slippery slope to addiction		
Presenter:	Kacie Fidler	Advisor:	Dr. Yam Limbu
Title:	MSU athletics: It's time to get the ball rolling!		
Co-authors:	Kinga Czochanska, Ashlee Blum, Brian Hill, Corey Munro, Nadine Karinja		
Presenter:	Peter Kang	Advisor:	Dr. Yam Limbu
Title:	Students' perceptions of MSU parking facilities: An exploratory study		
Co-author:	Blake Vernam, Kevin Hough, Samantha Wilkens		
Presenter:	Connor O'Brien	Advisor:	Dr. Ricard Jensen
Title:	If we promote it, will MSU students come? Marketing roller derby to college students		
Co-authors:	Yarissa Marte, Daniel Bonino		

4. Injuries and Abuses: Enough is Enough - University Hall 2040

Presenter:	David Lardier	Advisor: Dr. Robert Reid
Title:	Ecological perspectives of risk and resiliencies in adolescent substance abuse	
Presenter:	Veronica Barrios	Advisor: Dr. Jonathan Caspi
Title:	An interdisciplinary framework for Latina sexual abuse disclosure	
Presenter:	Venita Rawal	Advisor: Dr. Harriet Glosoff
Title:	Human trafficking: Identifying and assisting young victims	
Presenter:	Aviv Butvinik	Advisor: Dr. Denis Feigler
Title:	Pedestrian warning system	

5. War and Its Casualties - University Hall 2032
Moderator: Dr. Daniel Mengara

Presenter:	Seraphine Nzue-Agbadou	Advisor:	Dr. Daniel Mengara
Title:	Killer kids: The journey of an ex-child soldier		
Presenter:	Katie Fitzgerald	Advisor:	Dr. Elaine Gerber
Title:	Suicide and depression: Downsides of military culture and its influence in military colleges		
Presenter:	Jonathan Maiorano	Advisor:	Dr. Brian Smith
Title:	A classic liberal perspective on war		
Presenter:	Brian Dwight	Advisor:	Dr. Brian Smith
Title:	Modernization of the PLA and its implications for the United States		
Presenter:	Alyssa Rainey	Advisor:	Dr. Brian Smith
Title:	Humanitarian intervention and the problem of political control in war		

6. Bio-Organic Chemistry - University Hall 2031
Moderator: Dr. David Konas

Presenter: Derek Darby Advisor: Dr. David Konas
Title: **Synthesis and characterization of carbazole-based activators of cryptochromes**

9. Communication and Leadership – University Hall 2007
Moderator: Dr. Yi Luo

Presenter: Demitra Calivas **Advisor:** Dr. Christopher McKinley
Title: **How nonprofit research hospitals use social media: Analysis of the efficacies of effective communication usage**

Presenter: Rosemarie Salvatore Advisor: Dr. Yi Luo
Title: **When you care enough to tweet the very best: How the greeting card industry utilizes social media to build social capital**

Presenter: Stacey Kohler Advisor: Dr. Dana Levitt
Title: **Ethical dilemmas within the supervisory triad**
Co-authors: Connie Ducaine, Kelly Gentry

Presenter: Joel Torres Advisor: Dr. Yi Luo
Title: **A need for progression from government organizations leading in a digital world**

Oral and Multimedia Presentations

Block C: 2:20 pm – 3:40 pm

1. Teaching, Pedagogy and Education – University Hall 2046
Moderator: Dr. Mark Weinstein

Presenter: David Johnston Advisor: Dr. Emily Klein
Title: **How can we help you? Using responsive coaching to support transformative teaching with digital technology in science classrooms**
Co-author: Shelley Kurland

Presenter: Daniel Fisherman Advisor: Dr. Mark Weinstein
Title: **Wittgenstein and value of meaningless questioning**

Presenter: Drew Emanuel Berkowitz Advisor: Dr. Rebecca Goldstein
Title: **What are teachers being told about their students' out-of-school "fanfiction" literacy practices?**

Presenter: Mark Russo **Advisor:** Dr. Mika Munakata
Title: **Quantitative literacy and high school mathematics: The evolution of a collaboratively constructed course and its impact on students' attitudes and numeracy**

Presenter: Eliza Leszczynski Advisor: Dr. Mika Munakata
Title: **GK-12 teachers' classroom connections of mathematics and science**

2. Science and Science Fiction: Way Out! – University Hall 2044
Moderator: Dr. Wendy Nielsen

Presenter: Doron Darnov Advisor: Dr. Kirk McDermid
Title: **Anti-philosophers as amateur philosophers: The metaphysical and epistemological claims of modern science**

Presenter: Andrew DeLuise
Title: **Science fiction and American politics**

Presenter: Ashley Poulson
Title: **Defining science fiction across disciplines**

Poster Presentations

Block A: 9:20 am – 10:35 am

(Alphabetical by Presenter's Last Name)

Graduate Award Nominees for Poster Presentations

Title:	A multi-stakeholder perspective on factors affecting successful transition to adulthood for youth with severe emotional disturbances (A60)
Presenter:	Nadira Kwaja
Co-Authors:	Jennifer Urban, Kristen Hassmiller Lich, Rebecca Wells, Nicole Lawrence
Advisor:	Dr. Jennifer Urban
Title:	What predicts visceral adipose tissue: Trunk shape or trunk size? (A37)
Presenter:	Robert Moore
Co-authors:	Diana Thomas, Steven Heymsfield, Manfred Mueller, Anja Bosy-Westphal, Courtney Peterson
Advisor:	Dr. Diana Thomas
Title:	Stereotype threat, interview structure, and performance (A21)
Presenter:	Bridget Muzycyn
Co-authors:	Mackenzie Renda, Marta Hanaka, Gaynell Schettino
Advisor:	Dr. Jennifer Bragger

Undergraduate Award Nominees for Poster Presentations

Title:	A study of misleading journalistic reporting of the Holocaust – Why the New York Times coverage of the Holocaust was materially understated and misleading as evidenced by comparative analysis of the Times reporting of specific Holocaust stories with that of the New York Herald Tribune for the period 1942-1944 (A57)
Presenter:	Arnold Litt
Advisor:	Ron Hollander
Title:	Molecular detection of Ranavirus in the northeastern US: The largest Ranavirus screen in North America (A14)
Presenter:	Anthony Strobolagos
Co-authors:	Dajana Borova, Alvin Mercado, Mollie Rosenkrantz, Fady Sidhom
Advisor:	Dr. Kirsten Monsen-Collar

Title:	Molecular evolution of opsin genes in bears (A56)
Presenter:	Abdelrhman Abo-Zed
Advisor:	Dr. Robert Meredith
Title:	Synthesis of novel diamines for drug discovery (A27)
Presenter:	Amna Adam
Co-author:	David Rotella
Advisor:	Dr. David Rotella
Title:	The role of parental involvement in child sexual abuse outcomes (A31)
Presenter:	Sagal Ahmed
Co-author:	Erik Dranoff
Advisor:	Dr. Anthony D'Urso

Title: **Randić connectivity indices of octagonal systems (A24)**
 Presenter: Rob Rexler Baello
 Co-author: William Burke
 Advisor: Dr. Aihua Li

Title: **Lateralized differences in tympanic membrane temperature, but not mood, are related to episodic memory (A15)**
 Presenter: Taylor Barr
 Co-author: Ruth Propper
 Advisor: Dr. Ruth Propper

Title: **An interdisciplinary approach to the war on drugs: Its costs, penalties and results (A50)**
 Presenter: Joseph Bavolar
 Advisor: Dr. Ian Drake

Title: **Student aggression and classroom disruptions (A63)**
 Presenter: Luis Bernal
 Advisor: Dr. Christopher Donoghue

Title: **Effects of tillage and amendment on soil communities (A5)**
 Presenter: Elijah Bohorquez
 Advisor: Dr. Jennifer Krumins

Title: **The right to bear arms (A20)**
 Presenter: Carmine Bufi
 Advisor: Dr. Ian Drake

Title: **The relationship of religiosity, religious coping and adjustment for Latino immigrants in the United States (A16)**
 Presenter: Diana Cabezas
 Advisor: Dr. Deborah Fish Ragin

Title: **Neutrality in employment standards (A29)**
 Presenter: John Carroll
 Advisor: Avram Segall, Esq.

Title: **Eyewitness testimony: Implications and reforms (A42)**
 Presenter: Tracey Cordeiro
 Advisor: Dr. Ian Drake

Title: **PG Bank-The pursuit of a family office (A7)**
 Presenter: Nassourou Diallo
 Co-authors: Brendan Churchin, Danel Yunes
 Advisor: John Scorsone

Title: **Interdisciplinary discourse on data-mining surveillance and the fourth amendment (A28)**
 Presenter: Leonardo Dinic
 Advisor: Avram Segall, Esq.

Title: **Intergenerational trauma: Modern day Jews and the effects of the Holocaust (A26)**
 Presenter: Rachel Druker
 Advisor: Dr. Christopher Donoghue

Title: **Limits to quality factors in nanomechanical resonators made from diffusive conductors (A1)**
 Presenter: Nicholas Drywa
 Advisor: Dr. Patrick Truitt

Title: **Pedagogy of the adult with LD: Mathematics perspective (A51)**
 Presenter: Peggy Flood
 Advisor: Dr. Mika Munakata

Title: **The notion of source in children's event representations (A41)**
 Presenter: Omaris Garcia
 Co-author: Deanna Mendez
 Advisor: Dr. Laura Lakusta

Title: **Insanity defense-The balance between justice and protecting the rights of criminally insane defendants (A47)**
 Presenter: Malgorzata Garrity
 Advisor: Avram Segall, Esq.

Title: **North versus South: Perception of New Jersey dialects (A6)**
 Presenter: Hannah Gash
 Co-author: Jennifer Pardo
 Advisor: Dr. Jennifer Pardo

Title: **Vegetation coverage in the New Jersey Pinelands Reserve and how intact its canopy remains in the 21st century (A33)**
 Presenter: Jason Gowers
 Advisor: Dr. Mark Chopping

Title: **That's a wrap: How wrapper color affects candy flavor expectations and perceptions (A52)**
 Presenter: Nancy Greene
 Co-authors: Monica Jimenez, Daniel Neblock, Arturo Calderon, Yaritza Diaz, Mimi Sheraton
 Advisor: Dr. Debra Zellner

Title: **DNA sequence analysis using graph indices (A13)**
 Presenter: Pamela Guerron
 Co-author: Zeyad Boodoo
 Advisor: Dr. Aihua Li

Title: **A comparison of generalization using ultrasound and electropalatography for treatment of residual/r/errors (A34)**
 Presenter: Julie Irwin
 Advisor: Dr. Elaine Hitchcock

Title: **Parental advice and conflict coping strategies (A30)**
 Presenter: Lisa Kaiser
 Co-authors: Christopher Donoghue, Alicia Raia-Hawrylak
 Advisor: Dr. Christopher Donoghue

Title: **Identifying covert contrast in the English stops of a Spanish-influenced speaker (A45)**
 Presenter: Kurt Keena
 Advisor: Dr. Elaine Hitchcock

Title: **How do judges make decisions?: An interdisciplinary analysis of constitutional jurisprudence and legal decision-making (A36)**
 Presenter: Ryan Kenny
 Advisor: Dr. Ian Drake

Title: **Elimination of lymphatic filariasis in developing countries targeting *Brugia malayi* JNK (A53)**
 Presenter: Tamara Kreiss
 Co-author: Agnieszka Chojnowski
 Advisor: Dr. John Siekierka

Title: **Infants comprehension of source and goal path terms in motion events (A10)**
 Presenter: Daphne Labropoulos
 Co-authors: Jessica Bury, Sara Berdeu, Alexa Steinberg
 Advisor: Dr. Laura Lakusta

Title: **Inferring gene regulatory networks based mutual information (A22)**
 Presenter: Ahmed Mahmoud
 Co-authors: Chunguang Du, Wenwei Xiong
 Advisor: Dr. Chunguang Du

Title: **Generation and characterization of ovarian specific promoter sequences in Zebrafish (*Danio rerio*) (A12)**
 Presenter: Riham Makhoul
 Co-author: Rohini Rajendran
 Advisor: Dr. Carlos Molina

Title: **Law & Psychology: An interdisciplinary analysis of juvenile justice & intervention strategies (A8)**
 Presenter: Kathryn Masters
 Advisor: Avram Segall, Esq.

Title: **Does the president have the constitutional right to determine when the Senate is on break and use his recess appointment power (A58)**
 Presenter: Michael Milano
 Advisor: Avram Segall, Esq.

Title: **Target acquisition and tracking using low-cost ultrasonic rangefinders (A32)**
 Presenter: Kevin Miller
 Advisor: Dr. George Antoniou

Title: **Molecular evolution of amphibian visual genes (A9)**
 Presenter: Juan Miranda
 Advisor: Dr. Robert Meredith

Title: **Purification and characterization of thymidine cyclobutane dimers in solution (A25)**
 Presenter: Jason Morales
 Advisor: Dr. Johannes Schelvis

Title: **The use of developmental sentence scoring with 3-year-olds: A comparison of language samples collected in two contexts (A23)**
 Presenter: Emily Mucchetti
 Advisor: Dr. Sarita Eisenberg

Title: **Applicant contrast: How the order of resume evaluations can affect candidate ratings (A59)**
 Presenter: Daniel Neblock
 Co-authors: Debra Zellner, Veronica Schneider
 Advisor: Dr. Debra Zellner

Title: **NFL concussion litigation: The neuropsychological impact of football-related mild traumatic brain injury and the question of liability (A35)**
 Presenter: Margaret Ochner
 Advisor: Dr. Ian Drake

Title: **Language of Autism (A4)**
 Presenter: Siobhan O'Connor
 Advisor: Dr. Eileen Fitzpatrick

Title: **Integrated groundwater and surface water modeling over the White Volta Basin (A17)**
 Presenter: Felix Oteng
 Co-author: Clement Alo
 Advisor: Dr. Clement Alo

Title: **On extracting randomness from digital media (A44)**
 Presenter: Lee Painton
 Co-authors: David Heale, Chris Fleischl
 Advisor: Dr. George Antoniou

Title: **Exploring elementary school students thinking of invariance through geometric transformations (A54)**
 Presenter: Douglas Platt
 Advisor: Dr. Nicole Panorkou

Title: **Vanadium uptake and translocation in dominant plant species on an urban coastal brownfield site (A2)**
 Presenter: Yu Qian
 Co-authors: Frank Gallagher, Meiyin Wu, Qingzhi Zhu
 Advisor: Dr. Huan Feng

Title: **Student perceptions of bullying at school (A38)**
 Presenter: Noel Rozier
 Co-author: Christopher Donoghue
 Advisor: Dr. Christopher Donoghue

Title: **Protecting equality: How prohibiting consideration of race and gender in university admissions violates equal protection (A40)**
 Presenter: Sujei Sanchez
 Advisor: Dr. Ian Drake

Title: **Statistical modeling on water quality of rivers in Great Swamp Watershed (A62)**
 Presenter: Kaitlyn Scudato
 Co-authors: Haiyan Su, Meiyin Wu
 Advisor: Dr. Haiyan Su

Title: **Curbing demand: A legal and psychological look into prostitution in America (A61)**
 Presenter: Lauren Sharp
 Advisor: Dr. Ian Drake

Title: **Antecedents of leadership agency: Understanding leadership development (A19)**
 Presenter: Aishwarya Shashidhar
 Advisor: Dr. Valerie Sessa

Title: **Copy number potentials and whole-gene capturing abilities of helitron sequences in plants (A46)**
 Presenter: Kaitlyn Socha
 Co-authors: Mahmoud Jurri, Cesar Silva
 Advisor: Dr. Chunguang Du

Title: **Particle aggregation patterns under thermal convection (A39)**
 Presenter: Siobhan Soltau
 Co-author: Leo Hentschker
 Advisor: Dr. Ashwin Vaidya

Title: **The promulgation of racial profiling through immigration law (A18)**
 Presenter: Rosemary Soto
 Advisor: Dr. Ian Drake

Title: **Pubertal androgen exposure is related to handedness direction and strength (A3)**
 Presenter: Cara Struble
 Co-authors: Ruth Propper, Tad Brunye
 Advisor: Dr. Ruth Propper

Title: **Ultrasound or electropalatography: Consideration of behavioral systems that affect a client's communicative performance (A49)**
 Presenter: Michelle Swartz
 Advisor: Dr. Elaine Hitchcock

Title: **The SNARC effect in judgment of size: Evidence for spatial representation of magnitude (A43)**
 Presenter: Jaclyn Wiener
 Co-author: Jessyka Venchkoski
 Advisor: Dr. Yoav Ariei

Title: **Fixated on the end: Infants' looking bias towards goal events (A11)**
 Presenter: Katie Wiseman
 Co-authors: Megan Sommer, Jessica Bury, Inae Colucio
 Advisor: Dr. Laura Lakusta

Title: **Characterizing the spectral properties of (-)-Epigallocatechin 3-O-gallate (EGCG) fluorescence in solvents of different polarity (A48)**
 Presenter: Michael Young
 Co-authors: Ross Scott-Miller, David Rotella
 Advisor: Dr. Vladislav Snitsarev

Title: **PLTL + CI --> IBIS: Merging peer-led team learning and complex instruction to build an inquiry-based instructional supplement (A55)**
 Presenter: Karmen Yu
 Advisor: Dr. Steven Greenstein

Poster Presentations

Block B: 3:45 pm – 5:00 pm

(Alphabetical by Presenter's Last Name)

- Title: **Preparation of *B. stearothermophilus* DHFR mutants (B49)**
Presenter: Dina Edani
Co-author: Maureen Malivert
Advisor: Dr. Nina Goodey
- Title: **A computational evaluation of the steric and electronic contributions to the stability of the structures of α - and β -D-Glucopyranose part 3: Energy versus Geometry for α - and β -D-glucopyranose (B30)**
Presenter: Maryam Abdulsalam
Co-authors: Rofe Baello, Rabih Balilli, Christian Brutofsky
Advisor: Dr. Marc Kasner
- Title: **Examining the effects of eating habits on circadian rhythm and body weight: A link between humans and zebra fish (B28)**
Presenter: Tasnia Aftab
Co-author: Sharmin Uddin
Advisor: Dr. Carlos Molina
- Title: **Effect of black tea extract on herpes simplex virus-2 infection of A549 cells (B42)**
Presenter: Anum Aftab
Advisor: Dr. Sandra Adams
- Title: **A comparison of muscle activation of concentric versus eccentric contractions of the Rectus Abdominis during sit-ups (B4)**
Presenter: Amanda Alfonso
Co-author: German Osorio
Advisor: Dr. David Middlemas
- Title: **Analyzing water transport in simulated tree branches using an imaging system (B58)**
Presenter: Sue-Anne Alonso
Co-author: Luis Quinones
Advisors: Dr. Dirk Vanderklein, Dr. Ashwin Vaidya
- Title: **The influence of experience on diagnostic problem solving in undergraduate athletic training majors in the clinical setting (B2)**
Presenter: Michelle Armonda
Advisor: Dr. Fredrick Gardin
- Title: **A potential role for 5,10-methenyltetrahydrofolate to protect flavin adenine dinucleotide in the DNA repair enzyme photolyase (B9)**
Presenter: Stephanie Avalos
Advisor: Dr. Johannes Schelvis

Title: **A computational evaluation of the steric and electronic contributions to the stability of the structures of α - and β -D-glucopyranose part 2: Natural bond orbital (NBO) analysis of monosubstituted cyclohexanes and pyrans (B39)**
 Presenter: Rofe Baello
 Co-authors: Christian Brutofsky, Maryam Abdulsalam, Rabih Balilli
 Advisor: Dr. Marc Kasner

Title: **A computational evaluation of the steric and electronic contributions to the stability of the structures of α - and β -D-Glucopyranose part 4: Energy versus Geometry for α - and β -D-glucopyranose in aqueous solution (B20)**
 Presenter: Rabih Balilli
 Co-authors: Christian Brutofsky, Maryam Abdulsalam, Rofe Baello
 Advisor: Dr. Marc Kasner

Title: **Job demands-resources model: Theory expansion and introduction to the influence on academic outcomes (B63)**
 Presenter: Taylor Barr
 Advisor: Dr. Valerie Sessa

Title: **Microwave-assisted synthesis of a water-soluble fluorescent biosensor (B11)**
 Presenter: Nicholas Bertinato
 Co-author: Kaba Tandjigora
 Advisor: Dr. John Isidor

Title: **A computational evaluation of the steric and electronic contributions to the stability of the structures of α - and β -D-Glucopyranose part 1: Conformational analysis of monosubstituted cyclohexanes and pyrans (B34)**
 Presenter: Christian Brutofsky
 Co-authors: Maryam Abdulsalam, Rofe Baello, Rabih Balilli
 Advisor: Dr. Marc Kasner

Title: **Early-life immigrants in middle and later life: Exploratory study (B6)**
 Presenter: Jessica Bury
 Co-authors: Christine Price, Angelica Wilson
 Advisor: Dr. Olena Nesteruk

Title: **Effect of black tea theaflavins on Herpes Simplex Virus-2 infection of cultured cells (B17)**
 Presenter: Yvelande Cajuste
 Advisor: Dr. Sandra Adams

Title: **Burnout: The importance of self-care for school counseling professionals (B22)**
 Presenter: Christina Celfo
 Co-author: Jaclyn Macchi
 Advisor: Dr. Gloria Pierce

Title: **The accuracies of nutrient labels in university food services: A quantitative study (B62)**
 Presenter: Stephanie Chavarria
 Co-author: Hang Zhao
 Advisor: Dr. Charles Feldman

Title: **Automatically extracting a software word usage model from comments in Java (B68)**
 Presenter: Kathy Chowaniec
 Co-author: Leah Dave
 Advisor: Dr. Emily Hill

Title: **Utilization of steam heat generated via microwave energy in seafood cooking (B55)**
 Presenter: Samuel Chung
 Co-authors: John Schrade, Haiyan Su
 Advisor: Dr. John Specchio

Title: **What's missing? Student involvement among racial and ethnic minority and transfer students (B48)**
 Presenter: Moira Curtis
 Co-author: Claudia Guevara
 Advisor: Dr. Leslie Kooyman

Title: **The influence of counseling and social support on levels of depression in fragile mothers (B40)**
 Presenter: Megan Delaney
 Advisor: Dr. Dana Levitt

Title: **Reviews of bullying victimization and teacher/parent perceptions (B36)**
 Presenter: Breanna Diaz
 Advisors: Dr. Soyoung Lee, Dr. Tiffany Brown

Title: **Fluorescent sensors for cations (B33)**
 Presenter: Agnieszka Dubiel
 Co-authors: Marlenne Delgado, Michiru Sprague
 Advisor: Dr. Saliya DeSilva

Title: **Improved computational results for transition metal chemistry (B41)**
 Presenter: Nashali Ferrara
 Advisor: Dr. Hendrik Eshuis

Title: **Exploring digital inequality in an organizational setting (B1)**
 Presenter: Vincent Forgione
 Advisor: Dr. Philip Bakelaar

Title: **Strategic connections: Partnering adult 2nd degree earners with traditional undergraduates to promote student success (B27)**
 Presenter: Kelly Gentry
 Advisor: Dr. Kim O'Halloran

Title: **Associative learning for tone in Drosophila melanogaster (B64)**
 Presenter: Bradley Gold
 Advisor: Dr. Julian Keenan

Title: **Geotagger: An application to facilitate and promote collaborative, scientific inquiry (B25)**
 Presenter: Spencer Kordecki
 Co-authors: David Dymko, Andrew DeStefano, Paul Cushman, Adebisi Adenipekun, Christopher Loeschorn
 Advisor: Dr. Jerry Fails

Title: **Proposal for future research to examine parental involvement in K-12 school food service offerings, nutrition, and child health outcomes (B57)**
 Presenter: Rachel Larkey
 Advisor: Dr. Douglas Murray

Title: **Investigating the effects of green tea polyphenols on endospore germination in *Bacillus cereus*, *B. megaterium*, and *B. subtilis* (B3)**
 Presenter: Nozrin Laskar
 Co-authors: Hassan Tahir, Ami Rana, Tin-Chun Chu, Lee Lee
 Advisor: Dr. Lee Lee

Title: **Impact of a theory based nutrition education program, plant the seed, on healthy food choices among 6th grade students (B24)**
 Presenter: Karen Lee
 Advisors: Dr. Yeonkyung Bai, Dr. Shahla Wunderlich

Title: **Moving beyond racial battle fatigue to social justice in academia (B46)**
 Presenter: Anna Flores Locke
 Co-authors: Sherlene Ayala, Sailume Walo-Roberts
 Advisor: Dr. Muninder Ahluwalia

Title: **Using technology to bridge the communication gap for children with selective mutism (B35)**
 Presenter: Ishwarya Manivannan
 Advisor: Dr. Jerry Fails

Title: **Leucine-aminopeptidase activities in heavy-metal contaminated soils from brownfields of Liberty State Park (B45)**
 Presenter: Carolyn Mathieu
 Co-authors: Diane Hagmann, Jennifer Krumins, Nina Goodey
 Advisor: Dr. Nina Goodey

Title: **Molecular evolution of nuclear hormone receptor subfamily 3 in vertebrates (B59)**
 Presenter: Ariana Merari
 Advisor: Dr. Robert Meredith

Title: **Impacts of land use on the Passaic River's water quality (B7)**
 Presenter: Lindsey Mirrer
 Advisor: Dr. Meiyin Wu

Title: **The relationship between cooking confidence and body mass index among recent college graduates (B56)**
 Presenter: Vanessa Morley
 Advisor: Dr. Shahla Wunderlich

Title: **Aggregation of alpha synuclein (B32)**
 Presenter: Michael Munoz
 Co-author: Robert Booth
 Advisor: Dr. David Talaga

Title: **Isolation and characterization of two novel mycobacterium smegmatis bacteriophage from New Jersey soil (B52)**
 Presenter: Nadeem Obaydou
 Co-authors: Yasmeen Abboud, Sheetal Agarwal, Dwa'a Alkhalaf, Randy Arsheed, Ikenna Anyanwu, Victoria Borden, Alyssa Boudreau, William Brooks, Nico Carbone, et al.
 Advisor: Dr. Sandra Adams

Title: **If we promote it, will MSU students come? Marketing roller derby to college students (B26)**
 Presenter: Connor O'Brien
 Co-authors: Yarissa Marte, Daniel Bonino
 Advisor: Dr. Ricard Jensen

Title: **One set of global accounting standards: Is this a realistic possibility? (B60)**
 Presenter: Gifty Oduro
 Co-authors: Gifty Oduro, Lan Luo, Neveen Yanny, Anita Wenzel
 Advisor: Dr. Agatha Jeffers

Title: **Learning meaning by writing extended metaphor (B12)**
 Presenter: Christopher Parker
 Advisor: Dr. Mark Weinstein

Title: **The effects of EGCG-stearate on the cellular processes of HSV-1 infected Vero cells (B31)**
 Presenter: Valerie Paschalis
 Advisor: Dr. Quinn Vega

Title: **Geothermobarometry of the cordierite-bearing metapelites from the Hudson Highlands, Southeastern NY (B44)**
 Presenter: Jay Patel
 Co-author: Matthew Gorrington
 Advisor: Dr. Matthew Gorrington

Title: **The inhibitory effects of EGCG and EGCG-stearate on Herpes Simplex Virus 1 (HSV-1) in cultured human epithelial A549 cells. (B15)**
 Presenter: Shivani Patel
 Advisor: Dr. Lee Lee

Title: **Comparison of muscle activation between dumbbell and elastic resistance in a bicep curl (B8)**
 Presenter: Spiro Petritsis
 Co-author: Matthew Barlow
 Advisor: Dr. Steven Leigh

Title: **Factors associated with pumping breast milk on campus (B18)**
 Presenter: Gina Pope
 Co-authors: Lauren Dinour, Yeon Bai
 Advisor: Dr. Lauren Dinour

Title: **Effects of land use on water quality of the Passaic River through Coliform bacteria levels (B65)**
 Presenter: Myla Ramirez
 Co-authors: Jewel Lipps, Paul Tomasula
 Advisor: Dr. Meiyin Wu

Title: **Project DASH: Divas against the spread of HIV/AIDS: A pilot exploration on HIV risk and prevention among African American HIV+ women and their adolescent daughters (B54)**
 Presenter: Lauren Ramos
 Advisor: Dr. Ndidi Amutah

Title: **Fabrication of SAM based molecular tunnel junctions: Challenges and solutions (B53)**
 Presenter: Brian Ruderman
 Advisor: Dr. Patrick Truitt

Title: **Green tea polyphenols enhance the activity of antibiotics (B43)**
 Presenter: Syed Samy
 Co-author: Ayuni Yussof
 Advisor: Dr. Lee Lee

Title: **Expression and purification of a potential antifolate target, dihydrofolate reductase from B. malayi (B69)**
 Presenter: Karla Sanchez
 Advisor: Dr. Nina Goodey

Title: **Disappointed and distant: The impact of parents' negative views of non-heterosexuality on the sexual lives of their LGBTQ adolescent children (B37)**
 Presenter: Paul Santos
 Advisors: Dr. Lisa Lieberman, Dr. Eva Goldfarb

Title: **Effects of hard-clam grow outs on benthic invertebrate communities in Barnegay Bay, NJ – Year 1 (B29)**
 Presenter: Rebecca Shell
 Advisor: Dr. Robert Prezant

Title: **Inferring biological networks using boolean-sparse network inference methods (B47)**
 Presenter: Vladimir Solano
 Co-authors: Wenwei Xiong, Chunguang Du
 Advisor: Dr. Chunguang Du

Title: **Structural characterization of thymine cyclobutane dimers in solution (B5)**
 Presenter: Marc Soojian
 Advisor: Dr. Johannes Schelvis

Title: **The migratory effect of the World Trade Center particulate matter on human pulmonary fibroblasts (B21)**
 Presenter: Felix Dailey Sterling
 Co-authors: Daseul Baik, Dahiana Caicedo
 Advisor: Dr. Ann Marie DiLorenzo

Title: **Genome annotation of two novel Mycobacterium phages (B10)**
 Presenter: Nandini Surendranathan
 Co-authors: Yasmeen Abboud, Sheetal Agarwal, Dwa'a Alkhalaf, Ikenna Anyanwu, Randy Arsheed, Victoria Borden, Alyssa Boudreau, William Brooks, Nico Carbone, Anthony Disteso, et al.
 Advisor: Dr. Kirsten Monsen-Collar

Title: **The effect of EGCG and EGCG-stearate on bacterial biofilm formation (B16)**
 Presenter: Hassan Tahir
 Co-authors: Nora Mustafa, Chris Chen, Lee Lee
 Advisor: Dr. Lee Lee

Title: **Meaning-making after caregiving: How counselors can help bereaved family caregivers engage in a search for meaning (B14)**
 Presenter: Kim Tassinari
 Advisor: Dr. Harriet Glosoff

Title: **Homes in and next to flood zones and their financial demographic (B50)**
 Presenter: Matthew Trenk
 Advisor: Dr. Joshua Galster

Title: **Taking the T out of LGBT: A foundation for counseling the transgender community (B61)**
 Presenter: Stacy Wahlstrom
 Co-authors: William Baker, Jerry Collins
 Advisor: Dr. Matthew Shurts

Title: **Determining the reliability between live and video observations of foot type in athletes (B13)**
 Presenter: Jennifer Williams
 Advisor: Dr. Fredrick Gardin

Title: **Forest based energy acceptability and profitability in Southern United States (B23)**
 Presenter: Bernabas Wolde
 Co-authors: Pankaj Lal, Deniz Ozenbas
 Advisor: Dr. Pankaj Lal

Title: **Noyce at Montclair: Preparing the effective elementary mathematics teacher (B51)**
 Presenter: Trina Wooten
 Co-authors: Erin Krupa, Jennifer Robinson
 Advisor: Dr. Steven Greenstein

Title: **Sexual harassment prevention education: Exploring factors influencing attitude toward bystander intervention in college women (B19)**
 Presenter: Amy Zavadil
 Advisor: Dr. Brian Carolan

Title: **Comparison of nutrient retention in vegetables cooked by conventional and inverter microwave ovens (B38)**
 Presenter: Hang Zhao
 Advisor: Dr. Yanyan Li

Alphabetical List of Presenters, Co-authors, Advisors and Moderators

A

Abboud, Yasmeen
Co-author · 22, 23

Abdulrazaq, Dina
Co-author · 7

Abdulsalam, Maryam
Co-author · 19
Presenter · 18

Abo-Zed, Abdelrhman
Presenter · 12

Adam, Amna
Presenter · 10, 12

Adams, Sandra
Advisor · 10, 18, 19, 22

Adenipekun, Adebisi
Co-author · 20

Gould Levine, Linda · 5

Aftab, Anum
Presenter · 18

Aftab, Tasnia
Presenter · 18

Agarwal, Sheetal
Co-author · 22, 23

Agens, Jennifer
Presenter · 10

Ahluwalia, Muninder
Advisor · 21

Ahmad, Rohe
Presenter · 2

Ahmed, Sagal
Co-author · 9
Presenter · 12

Akbulut, Sara
Co-author · 4

Alfonso, Amanda
Presenter · 18

Alhamad, Hammad
Presenter · 11

Alkhalaf, Dwa'a
Co-author · 22, 23

Alo, Clement
Advisor · 16
Co-author · 16

Alonso, Sue-Anne
Presenter · 18

Alvarez Laveaud, Cynthia
Co-author · 4

Amutah, Ndidi
Advisor · 23

Antenos-Conforti, Enza
Advisor · 5
Moderator · 5

Antonelli, Alexandra
Co-author · 4

Antoniou, George
Advisor · 15, 16

Anyanwu, Ikenna
Co-author · 22, 23

Aranda, Raquel
Presenter · 3

Arieh, Yoav
Advisor · 17

Armonda, Michelle
Presenter · 18

Arsheed, Randy
Co-author · 22, 23

Avalos, Stephanie
Presenter · 18

Ayala, Sherlene
Co-author · 21
Presenter · 7

B

Baden, Amanda
Advisor · 5
Moderator · 5

Baello, Rob Rexler
Presenter · 13

Baello, Rofe
Co-author · 18, 19
Presenter · 19

Bai, Yeon
Co-author · 22

Bai, Yeonkyung
Advisor · 21

Baik, Daseul
Co-author · 23

Bakelaar, Philip
Advisor · 20

Baker, William

Co-author · 24

Baldwin, Neil
Advisor · 2

Balilli, Rabih
Co-author · 18, 19
Presenter · 19

Barlow, Matthew
Co-author · 22

Barr, Taylor
Presenter · 13, 19

Barragan, Tyrone
Presenter · 3

Barrios, Veronica
Presenter · 6

Barrows, Robert
Presenter · 7

Bauver, Martha
Presenter · 9

Bavolar, Joseph
Presenter · 13

Benfield, David
Advisor · 9

Berdeu, Sara
Co-author · 15

Berkowitz, Drew Emanuel
Presenter · 8

Bernal, Luis
Presenter · 13

Bertinato, Nicholas
Presenter · 19

Billings, Lora
Advisor · 9
Moderator · 9

Blum, Ashlee
Co-author · 6

Bogle, Tricia
Advisor · 3

Bohmer, Rebecca
Presenter · 9

Bohorquez, Elijah
Presenter · 13

Bologna, Paul
Advisor · 7, 11

Bonino, Daniel
Co-author · 6, 22

Boodoo, Zeyad
Co-author · 14

Booth, Robert
Co-author · 21
Presenter · 10

Borden, Victoria
Co-author · 22, 23

Borova, Dajana
Co-author · 12

Bosy-Westphal, Anja
Co-author · 12

Boudreau, Alyssa
Co-author · 22, 23

Bragger, Jennifer
Advisor · 12

Brooks, William
Co-author · 22, 23

Brown, Tiffany
Advisor · 20

Brunye, Tad
Co-author · 17

Brutofsky, Christian
Co-author · 18, 19
Presenter · 19

Bufl, Carmine
Presenter · 13

Burke, William
Co-author · 13

Bury, Jessica
Co-author · 15, 17
Presenter · 19

Butvinik, Aviv
Presenter · 6

C

Caamano, Natalie
Presenter · 9

Cabezas, Diana
Presenter · 13

Caicedo, Dahiana
Co-author · 23

Cajuste, Yvelande
Presenter · 19

Calderon, Arturo
Co-author · 14

Calivas, Demitra
Presenter · 8

Callahan, Ian

Presenter · 7
 Canzano, Michael
 Presenter · 6
 Carbone, Nico
 Co-author · 22, 23
 Carolan, Brian
 Advisor · 24
 Carroll, John
 Presenter · 13
 Casella, John
 Presenter · 5
 Caspi, Jonathan
 Advisor · 6
 Castellano, Christie
 Presenter · 7
 Celfo, Christina
 Presenter · 19
 Chatterjee, Patrali
 Advisor · 4, 10
 Moderator · 4
 Chavarria, Stephanie
 Presenter · 19
 Chen, Chris
 Co-author · 24
 Chojnowski, Agnieszka
 Co-author · 15
 Chopping, Mark
 Advisor · 5, 14
 Chowanec, Kathy
 Presenter · 20
 Chu, Tin-Chun
 Co-author · 21
 Chung, Samuel
 Presenter · 20
 Churchin, Brendan
 Co-author · 13
 Cilibrasi, Samantha
 Co-author · 11
 Coleman, Daniel
 Co-author · 10
 Collins, Jerry
 Co-author · 24
 Colombini, David
 Presenter · 11
 Colucio, Inae
 Co-author · 17
 Cordeiro, Tracey
 Presenter · 13
 Curtis, Moira
 Presenter · 20
 Cushman, Paul
 Co-author · 20

Cutler, Jonathan
 Advisor · 9
 Czochanska, Kinga
 Co-author · 6

D

Dadas, Caroline
 Advisor · 10
 Darby, Derek
 Presenter · 6
 Darnov, Doron
 Presenter · 8
 Dave, Leah
 Co-author · 20
 Davidson, Elsa
 Advisor · 4
 Delaney, McKenzie
 Presenter · 3
 Delaney, Megan
 Presenter · 20
 Delgado, Marlenne
 Co-author · 20
 DeLuise, Andrew
 Presenter · 8
 Dempsey, Megan
 Presenter · 10
 DeSilva, Saliya
 Advisor · 20
 DeStefano, Andrew
 Co-author · 20
 Diallo, Nassourou
 Presenter · 13
 Dias, Judith
 Presenter · 3
 Diaz, Breanna
 Presenter · 20
 Diaz, Yaritza
 Co-author · 14
 DiLorenzo, Ann Marie
 Advisor · 23
 Dinic, Leonardo
 Presenter · 13
 Dinour, Lauren
 Advisor · 22
 Co-author · 22
 Diop, Mame Kani
 Presenter · 3
 Disteso, Anthony
 Co-author · 23
 Dojcinowski, Goran

Co-author · 5
 Presenter · 5
 Donoghue, Christopher
 Advisor · 7, 13, 14, 16
 Co-author · 14, 16
 Drake, Ian
 Advisor · 3, 4, 5, 9,
 10, 13, 15, 16, 17
 Moderator · 3
 Dranoff, Erik
 Co-author · 12
 Druker, Rachel
 Presenter · 13
 Drywa, Nicholas
 Presenter · 14
 Du, Chunguang
 Advisor · 2, 15, 17, 23
 Co-author · 2, 15, 23
 Moderator · 2
 Dubiel, Agnieszka
 Presenter · 20
 Ducaine, Connie
 Co-author · 8
 Duchesne-Onoro,
 Rocio
 Presenter · 5
 D'Urso, Anthony
 Advisor · 12
 Dwight, Brian
 Presenter · 6
 Dymko, David
 Co-author · 20

E

Edani, Ban
 Presenter · 2
 Edani, Dina
 Presenter · 18
 Eisenberg, Sarita
 Advisor · 15
 Elbert, Monika
 Advisor · 10
 Erler, Abby
 Presenter · 11
 Eshuis, Hendrik
 Advisor · 20
 Eskenazi, Judith
 Presenter · 10

F

Fails, Jerry
 Advisor · 20, 21
 Falciani, Susan
 Presenter · 2
 Fatima, Misbahul
 Presenter · 3
 Favata, Marc
 Advisor · 5
 Moderator · 5
 Feigler, Denis
 Advisor · 6
 Feldman, Charles
 Advisor · 19
 Feng, Huan
 Advisor · 16
 Ferrara, Nashali
 Presenter · 20
 Fidler, Kacie
 Presenter · 6
 Finocchiario, Marco
 Presenter · 7
 Fisherman, Daniel
 Presenter · 8
 Fissinger, Alexis
 Presenter · 9
 Fitzgerald, Katie
 Presenter · 6
 Fitzpatrick, Eileen
 Advisor · 16
 Fleischl, Chris
 Co-author · 16
 Fleischl, Christopher
 Presenter · 4
 Flood, Peggy
 Presenter · 14
 Flores, Daniel
 Presenter · 10
 Forgione, Vincent
 Presenter · 20
 Forgoston, Eric
 Advisor · 9
 Fowles, Gretchen
 Co-author · 2
 Furman, Veronica
 Presenter · 10

G

Gallagher, Frank
Co-author · 16
Galoppe, Raul
Advisor · 5
Galster, Joshua
Advisor · 4, 11, 24
Moderator · 4
Galvan, Robert
Presenter · 3
Gambino, J. R.
Presenter · 2
Garcia, Omaris
Presenter · 14
Gardin, Fredrick
Advisor · 18, 24
Garrity, Malgorzata
Presenter · 14
Gash, Hannah
Presenter · 14
Gattuso, Serena
Co-author · 9
Gaynor, John
Co-author · 7
Gentry, Kelly
Co-author · 8
Presenter · 7, 20
Gerber, Elaine
Advisor · 6
Gibson, Myah
Presenter · 9
Gill, Glen
Advisor · 10
Moderator · 10
Gindt, Yvonne
Advisor · 2
Glosoff, Harriet
Advisor · 6, 24
Gold, Bradley
Presenter · 20
Goldfarb, Eva
Advisor · 23
Goldner, Kathryn
Presenter · 3
Goldstein, Rebecca
Advisor · 8
Gonzalez, Joseph
Presenter · 5
Goodey, Nina
Advisor · 7, 18, 21, 23

Co-author · 21
Gorring, Matthew
Advisor · 22
Co-author · 22
Gould Levine, Linda
Advisor · 5
Gowers, Jason
Presenter · 14
Greene, Nancy
Presenter · 14
Greenstein, Steven
Advisor · 17, 24
Griesi, Tamara
Presenter · 3
Guerron, Pamela
Presenter · 14
Guevara, Claudia
Co-author · 20

H

Hagmann, Diane
Co-author · 21
Presenter · 7
Haines, Carolyn
Presenter · 7
Hanaka, Marta
Co-author · 12
Haramuniz, Jamila
Presenter · 9
Hasani, Aliaskar
Presenter · 10
Hassmiller Lich,
Kristen
Co-author · 12
Hayes, Dawn Marie
Advisor · 2
Moderator · 2
Heale, David
Co-author · 16
Hentschker, Leo
Co-author · 17
Herrera, Christina
Presenter · 10
Heymsfield, Steven
Co-author · 12
Hill, Brian
Co-author · 6
Hill, Emily
Advisor · 20
Hitchcock, Elaine

Advisor · 14, 17
Hittel, Casey
Presenter · 4
Hollander, Ron
Advisor · 11, 12
Hough, Kevin
Co-author · 6

I

Irwin, Julie
Presenter · 14
Isidor, John
Advisor · 19

J

Jakubowski, Matthew
Presenter · 9
James, Mercedes
Presenter · 5
Jeffers, Agatha
Advisor · 11, 22
Jennings, Demetrius
Presenter · 4
Jensen, Ricard
Advisor · 6, 22
Moderator · 6
Jimenez, Monica
Co-author · 14
Johnston, David
Presenter · 8
Jurri, Mahmoud
Co-author · 17
Justus, Faith
Presenter · 4

K

Kaiser, Lisa
Presenter · 14
Kang, Peter
Presenter · 6
Kaplan, Christina
Co-author · 4
Karinja, Nadine
Co-author · 6
Kasner, Marc
Advisor · 18, 19

Keena, Kurt
Presenter · 14
Keenan, Julian
Advisor · 20
Kenny, Ryan
Presenter · 15
Klein, Emily
Advisor · 8
Knight, Melinda
Advisor · 5, 10
Moderator · 10
Kohler, Stacey
Presenter · 8
Kojima, Christine
Presenter · 11
Kolodynska, Kamila
Presenter · 5
Konas, David
Advisor · 6, 7
Moderator · 6
Konieczny, Catherine
Presenter · 4
Kooyman, Leslie
Advisor · 20
Kordecki, Spencer
Presenter · 20
Kowalski, Joseph
Presenter · 11
Kreiss, Tamara
Presenter · 15
Kruge, Michael
Advisor · 11
Krumins, Jennifer
Advisor · 7, 13
Co-author · 7, 21
Moderator · 7
Krupa, Erin
Co-author · 24
Kuipers, Steven
Presenter · 9
Kurland, Shelley
Co-author · 8
Kwaja, Nadira
Presenter · 12

L

Labenski, Lisa
Presenter · 3
Labropoulos, Daphne
Presenter · 15

Lakusta, Laura
Advisor · 14, 15, 17

Lal, Pankaj
Advisor · 24
Co-author · 24

Lardier, David
Presenter · 6

Larkey, Rachel
Presenter · 21

Laskar, Nozrin
Presenter · 21

LaTorre, Jessica
Presenter · 11

Lawrence, Nicole
Co-author · 12

Lee, Andrew
Presenter · 10

Lee, Karen
Presenter · 21

Lee, Lee
Advisor · 3, 7, 21, 22,
23, 24
Co-author · 21, 24

Lee, Soyoung
Advisor · 20

Leigh, Steven
Advisor · 2, 22
Moderator · 6

Leonardis, Thomas
Presenter · 2

Leszczynski, Eliza
Presenter · 8

Levitt, Dana
Advisor · 8, 20

Lewis, Tyson
Advisor · 4

Li, Aihua
Advisor · 13, 14

Li, Yanyan
Advisor · 24

Lieberman, Lisa
Advisor · 5, 23

Liebler, Naomi
Advisor · 10

Limbo, Vincent
Presenter · 9

Limbu, Yam
Advisor · 6, 11

Lindsay, Dominic
Co-author · 11

Lipps, Jewel
Co-author · 22

Litt, Arnold
Presenter · 12

Locke, Anna Flores
Presenter · 21

Lockhart, Heather
Presenter · 5

Loeschorn, Christopher
Co-author · 20

Lugo, Gloria
Presenter · 10

Luo, Lan
Co-author · 11, 22

Luo, Yi
Advisor · 8
Moderator · 8

M

Macchi, Jaclyn
Co-author · 19

Mahmoud, Ahmed
Presenter · 2, 15

Mahmudi, Besar
Presenter · 4

Maiorano, Jonathan
Presenter · 6

Makhoul, Riham
Presenter · 15

Malivert, Maureen
Co-author · 7, 18

Maneri, Candice
Presenter · 4

Manivannan, Ishwarya
Presenter · 21

Marte, Yariisa
Co-author · 6, 22

Masters, Kathryn
Presenter · 15

Mathieu, Carolyn
Co-author · 7
Presenter · 21

Matthew, Patricia
Advisor · 10

Matthews, Christopher
Advisor · 11

McDermid, Kirk
Advisor · 8

McKinley, Christopher
Advisor · 8

Mendez, Deanna

Co-author · 14

Mengara, Daniel
Advisor · 6
Moderator · 6

Merari, Ariana
Presenter · 21

Mercado, Alvin
Co-author · 12

Meredith, Robert
Advisor · 12, 15, 21

Michalsen, Venezia
Advisor · 3
Moderator · 3

Middlemas, David
Advisor · 18

Milano, Michael
Presenter · 15

Miller, Kevin
Presenter · 15

Miranda, Juan
Presenter · 15

Mirrer, Lindsey
Presenter · 21

MisirHiralall, Sabrina
Presenter · 4

Molina, Carlos
Advisor · 9, 10, 15, 18
Moderator · 9

Monsen-Collar, Kirsten
Advisor · 12, 23

Montesinos, Luis
Moderator · 11

Moore, Blake
Co-author · 5
Presenter · 5

Moore, Robert
Presenter · 12

Morales, Jason
Presenter · 15

Moran, Peter
Co-author · 4

Morley, Mike
Presenter · 9

Morley, Vanessa
Presenter · 21

Morris, Bradford
Presenter · 9

Mucchetti, Emily
Presenter · 15

Mueller, Manfred
Co-author · 12

Mukherjee, Avinandan

Advisor · 2

Munakata, Mika
Advisor · 8, 14

Munoz, Michael
Presenter · 21

Munro, Corey
Co-author · 6

Munshi, Sudipto
Co-author · 2

Murray, Douglas
Advisor · 9, 21

Mustafa, Nora
Co-author · 24

Muzycyn, Bridget
Presenter · 12

N

Neblock, Daniel
Co-author · 14
Presenter · 16

Nesteruk, Olena
Advisor · 19

Nielsen, Wendy
Advisor · 8, 9
Moderator · 8

Nunez, Rosita
Presenter · 2

Nzue-Agbadou, Seraphine
Presenter · 6

O

O'Halloran, Kim
Advisor · 6, 7, 20

Obaydou, Nadeem
Presenter · 22

O'Brien, Connor
Presenter · 6, 22

Ochner, Margaret
Presenter · 16

O'Connor, Siobhan
Presenter · 16

Oduro, Gifty
Co-author · 22
Presenter · 11, 22

Olsen, Kevin
Presenter · 11

Ophori, Duke

Advisor · 11
 Ortea, Alexandra
 Presenter · 10
 Ortega, Reyther
 Presenter · 5
 Ortiz, Jesenia
 Presenter · 11
 Osorio, German
 Co-author · 18
 Oteng, Felix
 Presenter · 16
 Ozenbas, Deniz
 Co-author · 24

P

Painton, Lee
 Presenter · 16
 Paladino, Vincent
 Presenter · 11
 Panorkou, Nicole
 Advisor · 16
 Paparis, Christopher
 Presenter · 4
 Pardo, Jennifer
 Advisor · 14
 Co-author · 14
 Parker, Christopher
 Presenter · 22
 Paschalis, Valerie
 Presenter · 22
 Patel, Jay
 Presenter · 22
 Patel, Seema
 Presenter · 7
 Patel, Shivani
 Presenter · 22
 Payano, Coral
 Presenter · 4
 Penney, Joel
 Advisor · 2
 Pertuz, Sofia
 Co-author · 7
 Peters, Christine
 Presenter · 2
 Peterson, Courtney
 Co-author · 12
 Petritsis, Spiro
 Presenter · 22
 Philippsborn, Talia
 Co-author · 9

Pierce, Gloria
 Advisor · 19
 Platt, Douglas
 Presenter · 16
 Pole, Antoinette
 Advisor · 2
 Pope, Gina
 Presenter · 22
 Poulson, Ashley
 Presenter · 8
 Prezant, Robert
 Advisor · 23
 Price, Christine
 Advisor · 2
 Co-author · 19
 Propper, Ruth
 Advisor · 13, 17
 Co-author · 13, 17

Q

Qian, Yu
 Presenter · 16
 Quinones, Luis
 Co-author · 18

R

Ragin, Deborah Fish
 Advisor · 9, 13
 Moderator · 9
 Raia-Hawrylak, Alicia
 Co-author · 14
 Rainey, Alyssa
 Presenter · 6
 Rajendran, Rohini
 Co-author · 15
 Ramirez, Myla
 Co-author · 9
 Presenter · 22
 Ramos, Lauren
 Presenter · 23
 Rana, Ami
 Co-author · 21
 Rawal, Venita
 Presenter · 6
 Raza, Muhammad
 Presenter · 5
 Reid, Robert
 Advisor · 6

Renda, Mackenzie
 Co-author · 12
 Rios, Idali
 Presenter · 11
 Robila, Stefan
 Advisor · 4
 Robinson, Jennifer
 Co-author · 24
 Rosa, Ashley
 Presenter · 3
 Rosenkrantz, Mollie
 Co-author · 12
 Rotella, David
 Advisor · 10, 12
 Co-author · 10, 12, 17
 Rozier, Noel
 Presenter · 16
 Ruderman, Brian
 Presenter · 23
 Ruggeri, Laura
 Presenter · 11
 Russo, Mark
 Presenter · 8
 Rynerson, Daniel
 Presenter · 9

S

Salvatore, Rosemarie
 Presenter · 8
 Samy, Syed
 Presenter · 23
 San Vicente Portes, Luis
 Advisor · 11
 Moderator · 10
 Sanchez, Karla
 Presenter · 23
 Sanchez, Sujey
 Presenter · 16
 Sanford, Krystel
 Presenter · 4
 Santos, Paul
 Presenter · 23
 Sazimani, Largesia
 Co-author · 11
 Schelvis, Johannes
 Advisor · 15, 18, 23
 Schettino, Gaynell
 Co-author · 12

Schneider, Veronica
 Co-author · 16
 Schrade, John
 Co-author · 20
 Scorsone, John
 Advisor · 13
 Scott-Miller, Ross
 Co-author · 17
 Scudato, Kaitlyn
 Presenter · 16
 Segall, Avram
 Advisor · 3, 4, 13, 14, 15
 Moderator · 3
 Serviano, Genesis
 Co-author · 4
 Sessa, Valerie
 Advisor · 17, 19
 Shahin, Narmin
 Presenter · 3
 Shaikh, Nadia
 Co-author · 9
 Sharp, Lauren
 Presenter · 16
 Shashidhar, Aishwarya
 Presenter · 17
 Shell, Rebecca
 Presenter · 23
 Sheraton, Mimi
 Co-author · 14
 Sherwood, Natalie
 Co-author · 2
 Presenter · 7
 Shurts, Matthew
 Advisor · 24
 Sidhom, Fady
 Co-author · 12
 Siekierka, John
 Advisor · 15
 Silva, Cesar
 Co-author · 17
 Singh, Sushant
 Presenter · 4
 Slusarczyk, Anna
 Presenter · 3
 Smith, Brian
 Advisor · 4, 6
 Moderator · 4
 Snitsarev, Vladislav
 Advisor · 17
 Socha, Kaitlyn
 Presenter · 17

Solano, Vladimir
Presenter · 23

Soltau, Siobhan
Presenter · 17

Sommer, Megan
Co-author · 17

Soojian, Marc
Presenter · 23

Soto, Rosemary
Presenter · 17

Specchio, John
Advisor · 20

Sprague, Michiru
Co-author · 20

Stamos, James
Presenter · 10

Stanley, Robert
Co-author · 2

Steinberg, Alexa
Co-author · 15

Sterling, Felix Dailey
Presenter · 23

Stewart, Pearl
Advisor · 3, 7

Strobolagos, Anthony
Presenter · 12

Struble, Cara
Presenter · 17

Su, Haiyan
Advisor · 16
Co-author · 16, 20

Surendranathan,
Nandini
Presenter · 23

Swartz, Michelle
Presenter · 17

T

Tahir, Hassan
Co-author · 21
Presenter · 7, 24

Talaga, David
Advisor · 10, 21

Tandjigora, Kaba
Co-author · 19

Tape, Ken

Co-author · 5

Tassinari, Kim
Presenter · 24

Taylor, Robert
Advisor · 4

Teo, Elen
Presenter · 11

Thomas, Diana
Advisor · 2, 12
Co-author · 12
Moderator · 2

Thompson, Emma
Presenter · 9

Tomasula, Paul
Co-author · 22

Torres, Joel
Presenter · 2, 8

Trenk, Matthew
Presenter · 24

Triece, Kelly
Presenter · 2

Truitt, Patrick
Advisor · 14, 23

U

Uddin, Sharmin
Co-author · 18
Presenter · 2

Urban, Jennifer
Advisor · 5, 12
Co-author · 12

V

Vaghenas, Kelly
Presenter · 4

Vaidya, Ashwin
Advisor · 17, 18

Valdez del Alamo,
Elizabeth
Advisor · 4, 11

Vanderklein, Dirk
Advisor · 12, 18

Vega, Quinn
Advisor · 22

Venchkoski, Jessyka
Co-author · 17

Vernam, Blake
Co-author · 6

W

Wahlstrom, Stacy
Presenter · 24

Walo-Roberts, Sailume
Co-author · 21

Weinstein, Mark
Advisor · 8, 22
Moderator · 8

Wells, Rebecca
Co-author · 12

Wenzel, Anita
Co-author · 11, 22

White, Ebony
Presenter · 5

Wiener, Jaclyn
Presenter · 17

Wilkins, Samantha
Co-author · 6

Williams, Jennifer
Presenter · 24

Willis, Alyssa
Presenter · 7

Wilson, Angelica
Co-author · 19

Wiseman, Katie
Presenter · 17

Wishnick, Elizabeth
Advisor · 10

Wolde, Bernabas
Presenter · 24

Woldeamanuel, Fanaye
Presenter · 9

Wooten, Trina
Presenter · 24

Wrafter, Sean
Presenter · 10

Wu, Meiyin
Advisor · 2, 7, 11, 21,
22
Co-author · 2, 16
Moderator · 11

Wunderlich, Shahla
Advisor · 21

X

Xiong, Wenwei
Co-author · 2, 15, 23

Y

Yanny, Neveen
Co-author · 11, 22

Young, Michael
Presenter · 17

Yu, Danlin
Advisor · 4

Yu, Karmen
Presenter · 17

Yunes, Danel
Co-author · 13

Yussof, Ayuni
Co-author · 23

Z

Zanette, Mia
Presenter · 2

Zarate, Brian
Co-author · 2

Zavadil, Amy
Presenter · 24

Zellner, Debra
Advisor · 14, 16
Co-author · 16

Zhao, Hang
Co-author · 19
Presenter · 24

Zhu, Qingzhi
Co-author · 16

Zuniga, Melissa
Presenter · 3

NOTES

NOTES

Faculty Panelists:

Moderator:

Dr. Christopher McKinley

Assistant Professor, School of Communication and Media,
College of the Arts

Dr. Ndidiamaka N. Amutah

Assistant Professor, Health and Nutrition Sciences,
College of Education and Human Services

Ndidiamaka N. Amutah received her PhD in Maternal and Child Health at the University of Maryland, College Park School of Public Health. Her current research interests include health disparities, reproductive health, infant mortality and HIV/AIDS in ethnic minority populations. She is a member of the American Public Health Association and is currently active in the Maternal and Child Health section. She has worked as a researcher in community-based research settings in a variety of areas including maternal and child health and HIV/AIDS. She has published and presented at national and international conferences on health disparities.

Dr. Antoinette J. Pole

Assistant Professor, Political Science and Law,
College of Humanities and Social Sciences

Antoinette DJ. Pole is an assistant professor of Political Science and Law. After earning her Ph.D. at CUNY, Graduate School and University Center in Political Science she spent two years as post-doctoral researcher for the Taubman Center at Brown University. Her research focuses on information technology and politics; state politics; and food and politics. She has published two books and numerous peer-reviewed journal articles exploring theoretical questions related to representation, political participation and community.

Dr. Diana Thomas

Professor, Mathematical Sciences,
College of Science and Mathematics

Dr. Diana Thomas is a professor of mathematics and director of the Center for Quantitative Obesity Research at Montclair State University. Her current research involves applications of mathematics to guide and inform patients regulating their body weight. Her models combine data collected from clinical trials involving human body weight regulation stretching back over a century to arrive at mathematically driven conclusions. Her work is truly interdisciplinary; she works in close collaboration with geneticists and nutritionists and has appeared in medical journals.

Dr. Mark L. Berenson

Professor, Information and Operations Management,
School of Business

Mark L. Berenson is a member of the Department of Information and Operations Management and Professor Emeritus, Statistics, Zicklin School of Business, Baruch College – CUNY. He has received several awards for excellence in teaching and his research has been published in a variety of journals in such diverse fields as decision sciences, statistics, psychometrics, educational research, management sciences, health administration, behavioral medicine and surgical oncology. He is coauthor of 11 books, including Basic Business Statistics: *Concepts and Applications*. He is also a former president of the New York Metropolitan Area Chapter of the American Statistical Association. He has been involved in global human rights issues and has developed and co-taught a GenEd course on international issues.

Acknowledgements

Proposal Review Committee:

College of the Arts

Dr. Christopher McKinley
Dr. Ronald Sharps

College of Education and Human Services

Dr. Erik Jacobson
Dr. Meena Mahadevan
Dr. Angela Sheely-Moore

College of Humanities and Social Sciences

Dr. Elizabeth Emery
Dr. Yasemin Besen-Cassino

College of Science and Mathematics

Dr. Jonathan Cutler
Dr. Haiyan Su
Dr. Jennifer Krumins
Dr. Stefan Robila
Dr. Yang Deng
Dr. Pankaj Lal
Dr. Erin Krupa
Dr. Hendrik Eshuis

School of Business

Dr. John McGinnis
Dr. Avinandan Mukherjee

Awards Committee:

The Graduate School

Ms. Amy Aiello (Chair)

College of the Arts

Dr. Christopher McKinley
Dr. Ronald Sharps

College of Education and Human Services

Dr. Jamaal Matthews
Dr. Erik Jacobson

College of Humanities and Social Sciences

Dr. Laura Lakusta
Dr. Luis Montesinos

College of Science and Mathematics

Dr. Aparna Varde
Dr. Patrick Truitt

School of Business

Dr. John McGinnis
Dr. Avinandan Mukherjee

Colleges and Schools

COLLEGE OF THE ARTS

Mr. Daniel A. Gurskis, Dean

COLLEGE OF EDUCATION AND HUMAN SERVICES

Dr. Francine Peterman, Dean

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Dr. Marietta Morrissey, Dean

COLLEGE OF SCIENCE AND MATHEMATICS

Dr. Robert Prezant, Dean

SCHOOL OF BUSINESS

Dr. E. LaBrent Chrite, Dean

THE GRADUATE SCHOOL

Dr. Joan C. Ficke, Dean

Organizing Committee

COLLEGE OF THE ARTS

Ms. Linda Davidson (chair)
Assistant Dean

Dr. Christopher McKinley
Assistant Professor

COLLEGE OF EDUCATION AND HUMAN SERVICES

Dr. Kim C. O'Halloran
Associate Dean

Dr. Matthew Shurts
Associate Professor

COLLEGE OF HUMANITIES AND SOCIAL SCIENCES

Dr. Luis Montesinos
Associate Dean

Dr. Antoinette J. Pole
Assistant Professor

COLLEGE OF SCIENCE AND MATHEMATICS

Dr. Jinan Jaber
Associate Dean

Dr. Ashwin Vaidya
Assistant Professor

SCHOOL OF BUSINESS

Mr. Eric Moskovitz
Director of Undergraduate Programs

Dr. Yam Limbu
Assistant Professor

THE GRADUATE SCHOOL

Ms. Amy Aiello
Executive Director for the Graduate School
and Graduate Operations

Acknowledgements

Many faculty, staff and students have contributed to the success of this event, and the Committee would like to acknowledge the special contributions of the following:

Ms. Joanne Caruso
Professional Services Specialist for Finances

College of Humanities and Social Sciences
Student Ambassadors
Office of Undergraduate Admissions

University Communications Office

CEHS Technology Services Office

**ADP Center for Teacher Preparation
and Learning Technologies**

Ms. Sonal Chauhan
Program Assistant
College of Education and Human Services

It's all here. Montclair State University