

DYSON COLLEGE OF ARTS AND SCIENCES

42nd ANNUAL MEETING

of the

SOCIETY OF FELLOWS

SATURDAY, FEBRUARY 25, 2023

PACE UNIVERSITY

ONE PACE PLAZA

NEW YORK, NY

**THE SOCIETY OF FELLOWS
DYSON COLLEGE OF ARTS AND SCIENCES
PACE UNIVERSITY**

**42nd ANNUAL MEETING
SATURDAY, FEBRUARY 25, 2023
ONE PACE PLAZA**

FULL DAY SCHEDULE

- 9:30am Registration and Breakfast—Student Center**
Buffet in Zarrino Room Beverages in Student Center:
- 10:00am Annual Meeting Welcome—Student Center**
- 10:15am Plenary Presentations—Student Center**
- 11:45am Break**
- 12:00pm Poster Session—Main Lobby**
- 1:00pm Luncheon—Student Center**
Buffet in Zarrino Room Beverages and dessert in Student Center:
- 2:15pm First Concurrent Afternoon Panel Sessions 1 through 7—Fifth Floor**
- 3:15pm Break**
Water in Lounge on Fifth Floor:
- 3:30pm Second Concurrent Afternoon Panel Sessions 8 through 14—Fifth Floor**
- 4:30pm Break**

**THE SOCIETY OF FELLOWS
DYSON COLLEGE OF ARTS AND SCIENCES**

12:00pm Poster Session—Main Lobby

Presiding: Judi Pajo, PhD

Chair; Society of Fellows of Dyson College

Analyzing the Computational Electrostatics Function of Ethacridine to Topoisomerase I in Escherichia Coli

Noor Aayla; Faculty Sponsor: Daniel Strahs, PhD

Bodies @ Work

Adam Mansur Al-Hatani; Faculty Sponsor: Inbal Abergil, MFA

Cream Formulations to Enhance Dermal Bacterial Resistance Using Dead Sea Mineral Mud

Diana Bello; Faculty Sponsor: JaimeLee Rizzo, PhD

Sex-Dependent Differences in the Production of the Vascular Lipid Signaling Molecule Prostacyclin

Kristen Benes; Faculty Sponsor: Rita Upmancis, PhD

Antioxidant Activity of Matcha Tea Samples

Julie Bogard; Faculty Sponsor: Elmer Mojica, PhD

Unraveling the Mathematical Mystery of RSA

Nora Broyles; Faculty Sponsor: Shamita Dutta Gupta, PhD

Determination of the Calcium and Magnesium Content in Bottled Water

Olivia Cullen; Faculty Sponsor: Elmer Mojica, PhD

Spectroscopic Determination of Caffeine Levels in Red Bull Samples

Tamara Duval; Faculty Sponsor: Elmer Mojica, PhD

The Natural Increase in Urbanization of the OECD

Katherine Garcia; Faculty Sponsor: Todd Yarbrough, PhD

Caffeine Determination of Pre-Workout Supplements

Ethan Grimes; Faculty Sponsor: Elmer Mojica, PhD

Phenolic Profiles and Antioxidant Activity of Arizona Tea Samples

Daphne Hernandez; Faculty Sponsor: Elmer Mojica, PhD

Antioxidant Activity of Commercial Bee Propolis Products

Jessica Higgins; Faculty Sponsor: Elmer Mojica, PhD

Mechanism Of Anti-Ischemic Action of Edearavone

Sara Hubbi; Faculty Sponsor: Irina Gazaryan, PhD

Real-time Degradation and Swelling of Disulfide Cross-Linked Microgels at Different Concentrations of the Reducing Agent

Angelina Italiano; Faculty Sponsor: Sergey Kazakov, PhD

Antioxidant Activities of Commercial Tea Samples
Shaj Johnson; Faculty Sponsor: Elmer Mojica, PhD

Infrared (IR) Analysis of Commercial Bee Propolis Products
Kayla Lucas; Faculty Sponsor: Elmer Mojica, PhD

Synthesis of Unique Body Scrubs Made of Natural Oils for the Inhibition of Bacteria and Protection Against UV Radiation
Francesca Marchese; Faculty Sponsor: JaimeLee Rizzo, PhD

Antioxidant Activity of Tulsi Tea Samples
Brandon Pedroza; Faculty Sponsor: Elmer Mojica, PhD

Quinine Content in Different Tonic Water Samples
Alena Romanova; Faculty Sponsor: Elmer Mojica, PhD

Antioxidant Capacity of Various Bee Pollen Samples
Carly Sullivan; Faculty Sponsor: Elmer Mojica, PhD

1:00pm Luncheon—Student Center

Roundtable 1: How to Become a Fellow
Hosted by R. Emilio Fernández, PhD

Roundtable 2: Undergraduate Research Opportunities at Pace
Hosted by Maria Iacullo Bird, PhD

Roundtable 3: Prestigious Awards and Graduate Fellowships
Hosted by Mira Egan, PhD

Roundtable 4: Public Scholarship & Community-Based Knowledge
Hosted by Stephanie Hsu, PhD

Roundtable 5: How to Make a Lot of Money with Economics or Business Economics as Your Major
Hosted by Mark Weinstock, CBE

Roundtable 6: Alumni Table

Roundtable 7: Weekend Seminar Reunion

Roundtables 8-20: Start your own conversations!

First Concurrent Afternoon Panel Sessions 1 through 7, Continued

Session A4

Economics

CIVIC W513

2:15-3:15pm

First Concurrent Afternoon Panel Sessions 1 through 7, Continued

- Session A7 Issues in Health and Healthcare**
- Economics Video Game Addictions: What Gaming Companies Do to Make
& Public Video Games Addictive
Administration Saurav Bhatt; Faculty Sponsor: Mark Weinstock, CBE**
- CIVIC W503 The Role of Business Model Innovation in Impacting Social
2:15-3:15pm Determinants of Health
Chandrasekhar Shama; Faculty Sponsor: Tiffany Henley, PhD
Faculty Moderator: Tiffany Henley, PhD**
- 3:15pm Break—Water Bubbler in Lounge Area on Fifth Floor**
- 3:30pm Second Concurrent Afternoon Panel Sessions 8 to 14—Fifth Floor**
- Session B8 Writing for Theater, Film, and Media**
- Film and We Sleep, We Dream: Adapting A Midsummer Night's Dream
Screen Studies Alexandria Grigsby; Faculty Sponsor: Sid Ray, PhD
& Peace and Happy Holidays: A Theatrical Exploration of Reconcil
Justice Studies
& Communication
Studies**
- CIVIC W515**
- 3:30-4:30pm**

Second Concurrent Afternoon Panel Sessions 8 through 14, Continued

Session B10 Gender and Family in Literature and Society
Humanities The History of the Gender Binary
& Literature Amanda Rodriguez, Faculty Sponsor: Angela Legg, PhD
CIVIC W512 Enclosed Ambiguities in Jane Austen's Emma
3:30-4:30pm Cailyn Mickelsen, Faculty Sponsor: Sid Ray, PhD
Hotspur and the Death of Honor: Exchanging Masculinities in
Henry IV Pt 1
Cayla Quinn, Faculty Sponsor: Sid Ray, PhD
Faculty Moderator: Sid Ray, PhD

Second Concurrent Afternoon Panel Sessions 8 through 14, Continued

ANNOUNCEMENTS AND UPCOMING EVENTS

Initiation Ceremony

April 24, 2023 [tentative]

6-8pm, One Pace Plaza

Pace University, New York

Weekend Seminar

Fri-Sun, October 6-8, 2023 [tentative]

Location: Wisdom House, Litchfield, CT

Transactions—Call for Papers

Full-length research papers and artistic projects submitted to the 42nd Annual Meeting in 2023 are considered for publication in Volume 24 of Transactions. Students interested in being published are encouraged to revise their Annual Meeting papers with the help of their faculty sponsors and submit their original papers or revised papers or new entries to softtrans@pace.edu or pursistsp@pace.edu.