

**DYSON COLLEGE OF ARTS AND SCIENCES**

**42<sup>nd</sup> 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**

**42<sup>nd</sup> 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 Edaravone**

**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 42<sup>nd</sup> 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](mailto:softtrans@pace.edu) or [pursistsp@pace.edu](mailto:pursistsp@pace.edu).**