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 Zannino 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 Zannino Room. Beverages and dessert in Student Center.

2:15pm    First Concurrent Afternoon Panel Sessions 1 through 7—Fifth Floor

3:15pm    Break

3:30pm    Second Concurrent Afternoon Panel Sessions 8 through 14—Fifth Floor

4:30pm    Break

4:45pm    Awards Reception—Student Center
          Buffet in Zannino Room. Reception in Main Lobby following awards.

Transportation: Bus departs from Goldstein Fitness Center on Pleasantville campus at 7:30am and returns from Gold & Spruce Street on New York campus at 5:30pm.

The Executive Board acknowledges with gratitude all Faculty Sponsors, Judges, and Moderators for their support of the Society of Fellows of Dyson College.
42nd ANNUAL MEETING

9:30am  Registration and Breakfast—Student Center

10:00am  Annual Meeting Welcome—Student Center

  Judi Pajo, PhD
  Chair, Society of Fellows of Dyson College
  Tresmaine Grimes, PhD
  Dean, Dyson College of Arts and Sciences

10:15am  Plenary Presentations—Student Center

  Folklore from Harlem: A Collection of Poems
  Felicity Flores-Drew; Faculty Sponsor: Eugene Richie, PhD

  Superheroes: Representation of Philosophy and Politics in Media
  Varshita Korrapati; Faculty Sponsor: Brandyn Heppard, PhD

  A Spatio-Temporal Analysis of Trapa Natans and Native Submerged Aquatic Vegetation Distribution in the Hudson River
  Christopher Rafaniello; Faculty Sponsor: Wei Fang, PhD

  Politics, Relationships, and Moral Foundations
  James Kennedy; Faculty Sponsor: Courtney Gosnell, PhD

  Faculty Moderator: Mark Weinstock, CBE

11:45am  Break
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-Hatlani; 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 Upmacis, PhD

*Antioxidant Activity of Matcha Tea Samples*  
Julie Bogad; 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 Moira 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!
2:15pm  **First Concurrent Afternoon Panel Sessions 1 to 7**—Fifth Floor

### Session A1  **From Physics to Metaphysics**

**Philosophy & Science**  
CIVIC W512  
2:15-3:15pm

**From Physics to Metaphysics**  
*In Search of Late Cretaceous Coprolites and the Determination of Diets in a Terrestrial Ecosystem*  
Brianna Hemmings; Faculty Sponsor: Zafir Buraei, PhD

*Understanding Faunal Dynamics and Variation During the Cretaceous Terrestrial Revolution*  
Veronica Kashua; Faculty Sponsor: Zafir Buraei, PhD

*Morality, Racism, and Kant*  
Kenady Brown; Faculty Sponsor: Eddis Miller, PhD

*Spinoza and Somananda: A Cohesive Comparison of Monistic Philosophy*  
Tyne Skelton; Faculty Sponsor: Eddis Miller, PhD

Faculty Moderator: Brandyn Heppard, PhD & Eddis Miller, PhD

### Session A2  **The Art of the Short Story: 5 Fiction Writers, Part 1**

**Creative Writing**  
CIVIC W514  
2:15-3:15pm

**The Art of the Short Story: 5 Fiction Writers, Part 1**  
*Silence*  
LilyAnne Bernard; Faculty Sponsor: Helane Levine-Keating, PhD

*My Body of Water*  
Mary Justin; Faculty Sponsor: Helane Levine-Keating, PhD

*Suite: “Skitzy” and “What I Felt”*  
Jay Servedio; Faculty Sponsor: Helane Levine-Keating, PhD

Faculty Moderator: Helane Levine-Keating, PhD

### Session A3  **Refugees, Immigration, Citizenship**

**Art & Social Sciences**  
CIVIC W509  
2:15-3:15pm

**Refugees, Immigration, Citizenship**  
*Addressing What Stands in the Way: “Why Don’t They Just Come Here Legally?”*  
Aryaa Moudgal; Faculty Sponsor: Meghana Nayak, PhD

*Puerto Rican Americans and their Answer to the Question: Statehood or Independence?*  
Andrew Villardi; Faculty Sponsor: Judith Pajo, PhD

*In Ordinary Ink, Part 1*  
Veronika Orlovskia; Faculty Sponsor: Jillian McDonald, MFA

Faculty Moderator: Joseph Lee, PhD
First Concurrent Afternoon Panel Sessions 1 through 7, Continued

**Session A4**  
**Employment, Unemployment and Hiring Practices**  
Economics  
CIVIC W513  
2:15-3:15pm  
- *Ivy League Perceptions*  
  McKenna Moore; Faculty Sponsor: Todd Yarbrough, PhD  
- *Hurricane Sandy’s Effect on Tourism Employment in New Jersey*  
  Caterina Messina; Faculty Sponsor: Todd Yarbrough, PhD  
- *Unemployment in the Entertainment Industry During an Economic Downfall*  
  Melissa Rubio; Faculty Sponsor: Todd Yarbrough, PhD  
  Faculty Moderator: Todd Yarbrough, PhD

**Session A5**  
**Understanding Growth**  
Economics  
CIVIC W515  
2:15-3:15pm  
- *The Hockey Wife Effect*  
  Megan LeClair; Faculty Sponsor: Kier Hanratty, PhD  
- *How Long do Movie-Watchers Want to Stay in Their Seats: Runtime of a Film and its Reviews*  
  Cecelia Pruitt; Faculty Sponsor: Mark Weinstock, CBE  
- *Bye-Bye Buybacks: The Effect of Corporate Stock Buybacks on Corporate Performance*  
  Nicole Leonard; Faculty Sponsor: Todd Yarbrough, PhD  
- *Bitcoin: Emergence of Global Investment Asset*  
  Huy Nguyen; Faculty Sponsor: Todd Yarbrough, PhD  
  Faculty Moderator: Kier Hanratty, PhD

**Session A6**  
**Policies, Markets, and Social Goods**  
Economics & Public Administration  
CIVIC W511  
2:15-3:15pm  
- *What’s Public About Charter Schools*  
  Margaret E. Walsh; Faculty Sponsor: Ric Kolenda, PhD  
- *The Effect of Wildfires on Housing Market Outcomes: Evidence from California*  
  Maria Andrukhiv; Faculty Sponsor: Todd Yarbrough, PhD  
- *Zoning and City Revenues: Does Euclidean Zoning Impact Cities’ Tax Revenues?*  
  Jett Robert Meek; Faculty Sponsor: Todd Yarbrough, PhD  
  Faculty Moderator: Ric Kolenda, PhD
First Concurrent Afternoon Panel Sessions 1 through 7, Continued

**Session A7**  
**Issues in Health and Healthcare**  
Economics & Public Administration  
CIVIC W503  
2:15-3:15pm  
- Video Game Addictions: What Gaming Companies Do to Make Video Games Addictive  
  Saurav Bhatt; Faculty Sponsor: Mark Weinstock, CBE  
- The Role of Business Model Innovation in Impacting Social Determinants of Health  
  Chandrasekhar Sharma; 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 Screen Studies & Peace and Justice Studies & Communication Studies  
CIVIC W515  
3:30-4:30pm  
- We Sleep, We Dream: Adapting A Midsummer Night’s Dream  
  Alexandria Grigsby; Faculty Sponsor: Sid Ray, PhD  
- Happy Holidays: A Theatrical Exploration of Reconciliation  
  Dante Dallago; Faculty Sponsor: Emily Welty, PhD  
- Happy Holidays: A Theatrical Exploration of Reconciliation  
  Kalina Walaski; Faculty Sponsor: Emily Welty, PhD  
- Rob & Ryan Takeover Wrexham AFC  
  Sascha Ouaknine; Faculty Sponsor: Melvin Williams  
  Faculty Moderator: Emily Welty, PhD

**Session B9**  
**The Art of the Short Story: 5 Fiction Writers, Part 2**  
Creative Writing  
CIVIC W514  
3:30-4:30pm  
- My Blue Ribbon  
  Jack Niemczyk; Faculty Sponsor: Helane Levine-Keating, PhD  
- Maman  
  Zoe Schuman; Faculty Sponsor: Helane Levine-Keating, PhD  
  Followed by Q & A with all five fiction writers from parts 1 and 2.  
  Faculty Moderator: Helane Levine-Keating, PhD
### Session B10  
**Gender and Family in Literature and Society**

<table>
<thead>
<tr>
<th>Humanities &amp; Literature</th>
<th>The History of the Gender Binary</th>
<th>Amanda Rodriguez; Faculty Sponsor: Angela Legg, PhD</th>
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</thead>
<tbody>
<tr>
<td>CIVIC W512</td>
<td>Enclosed Ambiguities in Jane Austen's Emma</td>
<td>Cailyn Mickelsen; Faculty Sponsor: Sid Ray, PhD</td>
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<tr>
<td>3:30-4:30pm</td>
<td>Hotspur and the Death of Honor: Exchanging Masculinities in Henry IV Pt 1</td>
<td>Cayla Quinn; Faculty Sponsor: Sid Ray, PhD</td>
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<td>Faculty Moderator: Sid Ray, PhD</td>
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### Session B11  
**Power of Cinema: Past, Present, Future**

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<thead>
<tr>
<th>French &amp; Film and Screen Studies</th>
<th>The Ropes of Racism</th>
<th>Kristianna Jordan; Faculty Sponsor: Adelia Williams, PhD</th>
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</thead>
<tbody>
<tr>
<td>CIVIC W509</td>
<td>The Glaring Gaze</td>
<td>Jazmyn Jones; Faculty Sponsor: Adelia Williams, PhD</td>
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<tr>
<td>3:30-4:30pm</td>
<td>Ruination of Motherhood: Subversion of Domestic Life in Xavier Dolan’s Mommy</td>
<td>Emily Wernick; Faculty Sponsor: Adelia Williams, PhD</td>
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<td>Technological Reproduction Revolution: Casual Movie Watching as Temporal and Spatial Travel Destinations</td>
<td>Mick Bongiovi; Faculty Sponsor: Ruth Johnston</td>
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<td>Faculty Moderator: Adelia Williams, PhD</td>
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### Session B12  
**The Multiple Effects of Covid-19**

<table>
<thead>
<tr>
<th>History &amp; Psychology &amp; Economics</th>
<th>COVID-19 and Black Lives Matter Oral History Project</th>
<th>Madison Turunen; Faculty Sponsor: Maria Iacullo-Bird, PhD</th>
</tr>
</thead>
<tbody>
<tr>
<td>CIVIC W511</td>
<td>The Effects of COVID-Related Bereavement on Sleep Disturbance in Young Adults</td>
<td>Nicole C. Maewsky; Faculty Sponsor: Anthony Mancini, PhD</td>
</tr>
<tr>
<td>3:30-4:30pm</td>
<td>Covid-19 Effect on U.S. Airfares</td>
<td>Hackeem Alves; Faculty Sponsor: Todd Yarbrough, PhD</td>
</tr>
<tr>
<td></td>
<td>The Effect of Covid-19 on the Gender Wage Gap in the Finance Industry</td>
<td>Kate Fong; Faculty Sponsor: Gregory Colman, PhD</td>
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<td>Faculty Moderator: Anthony Mancini, PhD</td>
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Second Concurrent Afternoon Panel Sessions 8 through 14, Continued

**Session B13**  
**International Economies and Comparisons**  
**Economics**  
CIVIC W513  
3:30-4:30pm  

- *Why are Some Countries More Corrupt than Others? An Econometric Investigation of Factors that Affect Corruption Rates*  
  Cristovao da Silveira Serafim; Faculty Sponsor: Sam Baruch, PhD  

- *The Godfather Part IV: The Study of Criminality & Resilience on the Criminal Market of Countries*  
  Courtney Koprowicz; Faculty Sponsor: Todd Yarbrough, PhD & Mark Weinstock, CBE  

- *The Role of Internet Access and Financial Literacy on Entrepreneurial Growth in Egypt*  
  Ryan Shehata; Faculty Sponsor: Mary Kaltenberg, PhD  

  Faculty Moderator: Joseph Morreale, PhD & Anna Shostya, PhD

**Session B14**  
**Film Screening**  
**Art & Film and Screen Studies**  
CIVIC W503  
3:30-4:30pm  

- *In Ordinary Ink, Part 2*  
  Veronika Orlovska; Faculty Sponsor: Jillian McDonald, MFA  

  Faculty Moderator: TBD

4:30pm  
**Break**

4:45pm  
**Awards Ceremony**—Student Center  
Presiding, Judi Pajo, PhD  
Chair, Society of Fellows of Dyson College
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 softransactions@pace.edu by **Wednesday, May 31, 2023.** To be reviewed and considered for publication, work needs to be emailed by deadline.

The Society of Fellows began in the fall of 1980 with a weekend seminar devoted to questions in applied ethics. The first class of fellows inducted at the formal inauguration of the society in December 1981 was named after distinguished philosopher and Pace faculty member William Barrett. Since then, a new class has been inducted annually and named after a member of our society who has made a significant contribution to the ideals that we hold important. To date, more than 700 students, faculty, and alumni hold the distinction of Fellow of Dyson College.

The Society of Fellows is the premier honors organization in Dyson College. The society fosters dialogue and scholarship across the fields of the arts and sciences through enriching experiences for students with exceptional academic and artistic abilities. The Society of Fellows provides students with opportunities to develop intellectual interests and present their research and creativity to the university community. Membership in the Society of Fellows gives recognition to advanced levels of student participation and achievement. Faculty who participate in Society of Fellows events and sponsor students also receive recognition as fellows.

Each fall the Society of Fellows sponsors the **Weekend Seminar** in which students, faculty, and alumni engage in discussions on a chosen topic in a casual, off-campus setting—usually in upstate New York. At the **Annual Meeting** of the Society of Fellows, which is a one-day student conference held in early spring, students showcase their faculty-mentored scholarly research and artistic projects. **Transactions**, the official publication of the fellows, features outstanding work written by Pace University students under the sponsorship of faculty members, many of whom are fellows. New members are recognized at the **Initiation Ceremony** held at the end of the spring semester. More information about the Society of Fellows is available at http://www.pace.edu/dyson/sof.