DYSON COLLEGE OF ARTS AND SCIENCES

41st ANNUAL MEETING

of the

SOCIETY OF FELLOWS

SATURDAY, MARCH 26, 2022

PACE UNIVERSITY

ONE PACE PLAZA

NEW YORK, NY
THE SOCIETY OF FELLOWS  
DYSON COLLEGE OF ARTS AND SCIENCES  
PACE UNIVERSITY  

41st ANNUAL MEETING  
SATURDAY, MARCH 26, 2022  
ONE PACE PLAZA  

FULL-DAY SCHEDULE  

9:30am  Registration and Coffee or Tea—Bianco Room  
10:00am  Annual Meeting Welcome—Bianco Room  
10:10am  Plenary Presentations—Bianco Room  
11:55am  Break  
12:00pm  Poster Session—Main Lobby  
1:00pm  Luncheon—Zannino Room and Student Center  
   *Buffet is set up in Zannino; beverages and desert in Student Center.*  
2:15pm  First Concurrent Afternoon Panel Sessions 1 through 7  
3:15pm  Break  
3:30pm  Second Concurrent Afternoon Panel Sessions 8 through 15  
   *Panel sessions are located in classrooms on the Fifth Floor. Water bubbler is set up in lounge area on the Fifth Floor.*  
4:30pm  Break  
4:45pm  Awards Ceremony—Bianco Room  

---  

The Executive Board acknowledges with gratitude all Faculty Sponsors, Judges, and Moderators for their support of the Society of Fellows of Dyson College.
THE SOCIETY OF FELLOWS
DYSON COLLEGE OF ARTS AND SCIENCES
PACE UNIVERSITY

41st ANNUAL MEETING

9:30am  **Registration and Coffee or Tea**—Bianco Room

10:00am  **Annual Meeting Welcome**—Bianco Room

Dr. Judi Pajo
Chair, Society of Fellows

Dr. Tresmaine Grimes
Dean, Dyson College

Charlotte Becket
Associate Dean, Dyson College

10:10am  **Plenary Presentations**—Bianco Room

Dr. Maria Iacullo-Bird
Assistant Provost for Research, Pace University

"He is Our Bard as Well as Yours“: Recovering the Lost Black Involvement in Early American Theatre
Kailey Liddell; Faculty Sponsor: Dr. Sid Ray

COVID-19 Vaccinations and the Labor Market
Casey Cloutier; Faculty Sponsor: Dr. Mary Kaltenberg

Sustainable Development and Water Security: Increasing Global Water Conflict in Developing Countries and their Potential Solutions
Tyler Burenbadrakh; Faculty Sponsor: Dr. Jaimelee Rizzo

How Popular Dystopian Books and Media have Influenced Generation Z’s Outlook on Government, Political Activism, and Social Justice
Molly Rosaaen; Faculty Sponsor: Dr. Judith Pajo

Evolution of the Manic Pixie Dream Girl: Gaspar Noé
Alánis Howard; Faculty Sponsor: Dr. Melvin Williams

11:55am  **Break**
12:00pm **Poster Session**—Main Lobby

Presiding, Dr. Judi Pajo  
Chair, Society of Fellows of Dyson College

*Differences in Absorbance of Bee Propolis Samples: Effect of Location and Storage Time*  
Baylee Caudill; Faculty Sponsor: Dr. Elmer-Rico Mojica

*DNA Barcoding of Shark Species from NYC Fish Markets*  
Trishita DeySarkar & Shayan Saniei; Faculty Sponsor: Dr. Erika Crispo

*Determination of Antioxidant Activity of Human Milk Samples*  
Ethan Grimes; Faculty Sponsor: Dr. Elmer-Rico Mojica

*Capitalization Support versus Negative Event Support: Predicting Well-Being during the COVID-19 Pandemic*  
Nicole Maewsky; Faculty Sponsor: Dr. Courtney Gosnell

*Antioxidant Activities of Commercial Tea Samples from Bigelow Tea Company*  
Alyssa O'Connor; Faculty Sponsor: Dr. Elmer-Rico Mojica

*Characterization of Bee Propolis Analyzed from the European Region*  
Lawrence Phillips; Faculty Sponsor: Dr. Elmer-Rico Mojica

*Correlating Phenol Content with the Antioxidant Activity of Various Bee Pollen Samples*  
Carly Sullivan; Faculty Sponsor: Dr. Elmer-Rico Mojica

*Lipobeads with Disulfide Cross-linked Poly(acrylamide-co-acrylonitrile) Core: A Versatile Platform for Drug and Gene Delivery*  
Neslihan Tabaru; Faculty Sponsor: Dr. Sergey Kazakov

*Qualitative Analysis of Unknown Samples by GC-MS*  
Hanbo Wang; Faculty Sponsor: Dr. Rita Upmacis

*Comparative Antioxidant Capacity of Herbal Teas from the Philippines*  
Muxi Zhang; Faculty Sponsor: Dr. Elmer-Rico Mojica

Faculty Judges: Dr. Zafir Buraei, Dr. Brian Evans, Dr. R. Emilio Fernandez, Dr. Paul Griffin, Dr. Rita Upmacis

1:00pm **Luncheon**—Zannino Room and Student Center
### Session 1: Historicizing Plays: Rhetoric, Identity, Adaptation

**Literature & Modern Languages**

- **W504**
- **2:15-3:15pm**

#### Session 1: Historicizing Plays: Rhetoric, Identity, Adaptation

- **In Defense of Edmund: The Role of Bastards in the Early Modern Period**
  - Alexandria Grigsby; Faculty Sponsor: Dr. Sid Ray

- **“The Ocular Proof”: Analyzing Iago’s Linguistic Constructions and Visual Weaponization of Othello’s Blackness**
  - Cayla Quinn; Faculty Sponsor: Dr. Sid Ray

- **Is It a Crime to Change? Beaumarchais, Renoir, and the Ever-Present Historical Influence on Art**
  - Sophia Bertran; Faculty Sponsor: Dr. Adelia Williams

- **Faculty Moderators: Dr. Adelia Williams & Dr. Sid Ray**

### Session 2: Local Responses to Pressures on Natural Resources

**Environmental Studies & Anthropology**

- **W502**
- **2:15-3:15pm**

#### Session 2: Local Responses to Pressures on Natural Resources

- **How Does Environmental Perception Influence the Environment?**
  - Kaia Smith McDonald; Faculty Sponsor: Dr. Judith Pajo

- **Observing and Analyzing the Growth of Activist Movements in St. James, Louisiana in Response to Petrochemical Plants**
  - Alexandra Kennedy; Faculty Sponsor: Dr. Claire Panetta

- **Nature-Based Resilience Thinking: A Case Study of Jacksonville, Florida**
  - Julia Corrado; Faculty Sponsor: Dr. E. Melanie DuPuis

- **Faculty Moderator: Dr. E. Melanie DuPuis**

### Session 3: Economic and Social Consequences of (In)stability

**Economics**

- **W515**
- **2:15-3:15pm**

#### Session 3: Economic and Social Consequences of (In)stability

- **The Economic Impact of Sherman’s March to the Sea**
  - Piper Campbell Gibson; Faculty Sponsor: Dr. Todd Yarbrough

- **Natural Disasters’ Effect on Tourism Employment**
  - Caterina Messina; Faculty Sponsor: Dr. Todd Yarbrough

- **The Impact of GDP on Skin Cancer Mortality in Men: A Global Perspective**
  - Joseph Boumoussa; Faculty Sponsor: Dr. Mary Kaltenberg

- **Faculty Moderator: Dr. Todd Yarbrough**
First Concurrent Afternoon Panel Sessions 1 through 7, Continued

**Session 4**

**Economic Issues in Media**

Economics  
W509  
2:15-3:15pm  

- **Do YouTube Content Incentives Impact Creators’ Profitability**  
  Fiona Waterman; Faculty Sponsor: Dr. Mary Kaltenberg

- **Pognalysis: An Analysis of Gender and Language on Twitch.tv**  
  Julia Cardillo; Faculty Sponsor: Dr. Kier Hanratty

- **The Effect of Military and Entertainment Cooperation on Military Application Rates**  
  Lindsay Varzarevsky; Faculty Sponsor: Prof. Mark Weinstock

  Faculty Moderator: Prof. Mark Weinstock

**Session 5**

**Chemistry in Consumer Products**

Science  
W511  
2:15-3:15pm  

- **Iron Content in Commercial Cereals**  
  Olivia Cullen; Faculty Sponsor: Dr. Elmer-Rico Mojica

- **Benzoic Acid in Some Soda Samples**  
  Tamara Duval; Faculty Sponsor: Dr. Elmer-Rico Mojica

- **Calcium and Magnesium Content of Different Bottled Water Samples**  
  Shaj Johnson; Faculty Sponsor: Dr. Elmer-Rico Mojica

- **Correlation of Phenolic Content with Antioxidant Activity of Commercial Tea Samples**  
  Gayle Pinchot; Faculty Sponsor: Dr. Elmer-Rico Mojica

  Faculty Moderator: Dr. Elmer-Rico Mojica

**Session 6**

**Cultural and Political Movements**

History & Modern Languages  
W503  
2:15-3:15pm  

- **Welcome: An Examination of the Treatment of Middle Eastern Immigrants in France**  
  Antje-Anniek Hipkins; Faculty Sponsor: Dr. Ying Wang

  Madison Turunen; Faculty Sponsor: Dr. Maria Iacullo-Bird

- **The Power of Silence in Yamina Benguigui’s Film Sunday God Willing**  
  Sadie Ellis; Faculty Sponsor: Dr. Ying Wang

  Faculty Moderator: Dr. Ying Wang
### Session 7

**Peacebuilding and Social Transformation**

- *The Link Between Buddhism and Muay Thai*
  Nikki Nguyen; Faculty Sponsor: Dr. Eddis Miller
- *Solo el Pueblo Salva al Pueblo: Only the People Can Save the People*
  Mayana Nell Torres; Faculty Sponsor: Dr. Emily Welty
- *Trauma Informed Pedagogy for High School History Teachers*
  Aryaa Moudgal; Faculty Sponsor: Dr. Emily Welty

Faculty Moderator: Dr. Emily Welty

**3:15pm**  
**Break**—Water Bubbler in Lounge Area in Hallway West on Fifth Floor

**3:30pm**  
**Second Concurrent Afternoon Panel Sessions 8 to 15**—Fifth Floor

### Session 8

**Cinematic Expressionism**

- *The Face of Cinema*
  Carly Ortiz; Faculty Sponsor: Dr. Ruth Johnston
- *Germany and Expressionism: They Go Way Back*
  Keely Sanchez; Faculty Sponsor: Dr. Ruth Johnston
- *The Role of Women Projected Through Time*
  Mick Bongiovi; Faculty Sponsor: Dr. Ruth Johnston
- *Noir or Noirish: The Killers (1946) vs Rebecca (1940)*
  Sascha Ouaknine; Faculty Sponsor: Dr. Ruth Johnston

Faculty Moderator: Dr. Ruth Johnston

### Session 9

**Theorizing Sound and Decay**

- *Timbre and the Essence of Music*
  Michael Greenwood; Faculty Sponsor: Dr. Eddis Miller
- *On Thought*
  Pratul Kalra; Faculty Sponsor: Dr. Eddis Miller
- *Selfishly Suicidal: A Critique of Kant on Suicide*
  Zachary Kohler; Faculty Sponsor: Dr. Eddis Miller

Faculty Moderator: Dr. Eddis Miller
### Session 10  Economics of Money, Finance, and Credit

<table>
<thead>
<tr>
<th>Anthropology &amp; Economics</th>
<th>W503</th>
<th>3:30-4:30pm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Economics of Money, Finance, and Credit</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Exposing Children to Finances: Does it Affect Precautionary Savings for the Future?</em></td>
<td>Brianna Amato; Faculty Sponsor: Dr. Todd Yarbrough</td>
<td></td>
</tr>
<tr>
<td><em>So You Call Yourself An Artist? How Much Do You Make?</em></td>
<td>Charlotte MacNeal; Faculty Sponsor: Dr. Judith Pajo</td>
<td></td>
</tr>
<tr>
<td><em>Credit Card Pandemonium: An Economic Anthropological Study</em></td>
<td>Izzy Corneille; Faculty Sponsor: Dr. Judith Pajo</td>
<td></td>
</tr>
<tr>
<td>Faculty Moderator: Dr. Eric Osbourne</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Session 11  Economics of Crime, Crisis, and Failure

<table>
<thead>
<tr>
<th>Economics &amp; Anthropology</th>
<th>W513</th>
<th>3:30-4:30pm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Economics of Crime, Crisis, and Failure</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Where Crime Controls the Shadows</em></td>
<td>Bruno Hernandez; Faculty Sponsor: Dr. Judith Pajo</td>
<td></td>
</tr>
<tr>
<td><em>The Effects of Organized Crime Groups on Rising Crime Activity: An Italian Regional Study</em></td>
<td>Courtney Koprowicz; Faculty Sponsor: Prof. Mark Weinstock</td>
<td></td>
</tr>
<tr>
<td><em>Factors that Affect Company Bankruptcy in Taiwan</em></td>
<td>Silouani Kostits Pasiali; Faculty Sponsor: Prof. Mark Weinstock</td>
<td></td>
</tr>
<tr>
<td><em>How Did COVID-19 Policies Impact Oil &amp; Economic Growth Globally?</em></td>
<td>Everton Mendoza-Holmes; Faculty Sponsor: Prof. Mark Weinstock</td>
<td></td>
</tr>
<tr>
<td>Faculty Moderator: Prof. Mark Weinstock</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Session 12  Economic Issues in Public Policy

<table>
<thead>
<tr>
<th>Economics &amp; Public Administration</th>
<th>W509</th>
<th>3:30-4:30pm</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Economic Issues in Public Policy</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><em>Intergenerational Income Mobility: Aptitude Versus Resources</em></td>
<td>Yu Wei Liu; Faculty Sponsor: Dr. Gregory Colman</td>
<td></td>
</tr>
<tr>
<td><em>Can a Nudge Encourage College Students to Register as Organ Donors?</em></td>
<td>Isabelle LaBianco; Faculty Sponsor: Dr. Mary Kaltenberg</td>
<td></td>
</tr>
<tr>
<td><em>Universal Preschool for All</em></td>
<td>Margaret Walsh; Faculty Sponsor: Dr. Tiffany Henley</td>
<td></td>
</tr>
<tr>
<td>Faculty Moderator: Dr. Kier Hanratty</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Second Concurrent Afternoon Panel Sessions 8 through 15, Continued

**Session 13**
Urban Studies & Peace and Justice Studies
W504
3:30-4:30pm

**Community Action, Social Networks, and Communication in New York’s Urban Landscapes**
- *Unwrapping Washington Square Park: An Analysis of the Vicissitudes of a New York Landmark*
  - Amaya Jade Washington; Faculty Sponsor: Dr. Claire Panetta
- *Stickers On the Bridge*
  - Nathaniel Crystal; Faculty Sponsor: Dr. Claire Panetta
- *Harm Reduction History & Advancements in New York*
  - Clare Webb; Faculty Sponsor: Dr. Emily Welty

Faculty Moderator: Dr. Claire Panetta

**Session 14**
Psychology
W515
3:30-4:30pm

**Cares of Body and Soul**
- *The Well-Being of Nurses and Their Self-Care Methods During COVID-19*
  - Danielle Merante; Faculty Sponsor: Dr. Paul Griffin
- *The Moderatory Role of Body Mass Index in the Relationship between Negative Emotions and Disordered Eating*
  - Emilija Blozyte; Faculty Sponsor: Dr. Weihua Niu
- *Education and Subjective Well-Being: A Review of Findings*
  - Jacklyn Romani; Faculty Sponsor: Dr. Paul Griffin

Faculty Moderator: Dr. Paul Griffin

**Session 15**
Science
W507
3:30-4:30pm

**Research Opportunities for Students and Faculty at the Department of Energy’s National Labs**
- Guest Speakers:
  - Dr. Allison Truhlar, U.S. Department of Energy [virtual]
  - Kelly Wong, Pace alumna, current intern at Pacific Northwest National Lab and former intern at Brookhaven National Lab through SULI (Science Undergraduate Laboratory Internship)

Faculty Moderator: Dr. R. Emilio Fernandez

4:45pm **Awards Ceremony**—Bianco Room
Presiding, Dr. Judi Pajo
Chair, Society of Fellows of Dyson College
ANNOUNCEMENTS AND UPCOMING EVENTS

**Annual Initiation Ceremony**
[tentative] Monday, April 25, 2022
6-8pm in Student Center West
Pace University, New York Campus

**Annual Weekend Seminar**
October 7-9, 2022
Location TBD

**Transactions—Call for Papers**

Full-length research papers and artistic projects submitted to the 41st Annual Meeting in 2022 will be considered for publication in Volume 23 of Transactions. Students are encouraged to revise their Annual Meeting papers with the help of their faculty sponsors. Please submit revised papers or new entries by **Tuesday, May 31, 2022** at [https://pace.qualtrics.com/jfe/form/SV_ewYq9Tr0AWxVoQC](https://pace.qualtrics.com/jfe/form/SV_ewYq9Tr0AWxVoQC) or scan the QR code nearby to access the submission form.

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 Fellows foster 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 on the Pace University website.