

***DYSON COLLEGE OF ARTS AND SCIENCES***

**THIRTY-EIGHTH  
ANNUAL MEETING  
OF  
THE SOCIETY OF FELLOWS**



**SATURDAY, MARCH 9, 2019**

**PACE UNIVERSITY**

**ONE PACE PLAZA**

**NEW YORK, NY**

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

**THIRTY-EIGHTH ANNUAL MEETING  
SATURDAY, MARCH 9, 2019  
ONE PACE PLAZA**

**FULL-DAY SCHEDULE**

9:30 a.m.        **Check-in and Breakfast** – Bianco Room

10:10 a.m.       **Annual Meeting Welcome** – Bianco Room

10:20-12:00 p.m. **Plenary Presentations** – Bianco Room

12:10-1:30 p.m. **Luncheon and Poster Session** – Gym

1:45-2:45 p.m.   **First Concurrent Afternoon Panel Sessions 1 through 9**

3:00-4:00 p.m.   **Second Concurrent Afternoon Panel Sessions 10 through 18**

Panel Sessions are located in classrooms on the 3<sup>rd</sup> Floor East Wing and the Bianco Room of One Pace Plaza

4:15-5:00 p.m.   **Reception and Awards Ceremony** – Bianco Room

**The Society of Fellows Executive Board acknowledges with gratitude  
all Faculty Sponsors and Moderators for their support of  
The Society of Fellows of Dyson College of Arts and Sciences**

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

THIRTY-EIGHTH ANNUAL MEETING

9:30 a.m.           **Check-in and Breakfast** – Bianco Room

10:10 a.m.           **Annual Meeting Welcome** – Bianco Room

Dr. Maria T. Iacullo-Bird  
Assistant Dean, Dyson College of Arts and Sciences

Dr. Nira Herrmann  
Dean, Dyson College of Arts and Sciences

10:20-12:00 p.m. **Plenary Presentations** – Bianco Room

*Theories of Holocaust Survival: Preserving and Discovering Humanity*  
Abigail Letson  
Faculty Sponsors: Dr. Joan G. Roland and Dr. Eddis Miller

*Exotic Butter Formulation to Enhance Bacterial Resistance and UV Protection*  
Rudra Persaud  
Faculty Sponsor: Dr. JaimeLee I. Rizzo

*The Effect of Digital Technology in Developing Countries*  
Mahir Rasheed  
Faculty Sponsor: Dr. Anna Shostya

*Creative Writing Poetry Collection*  
Frankie Kubena  
Faculty Sponsor: Dr. Eugene Richie

12:10-1:30 p.m. **Luncheon and Poster Session**—Gym  
Presiding, Dr. Maria Iacullo-Bird  
Assistant Dean, Dyson College of Arts and Sciences

*Is Age Really Just a Number? A Content Analysis of Age Gaps in Popular Romantic Comedies and What They Mean*  
Katrina Y. Alonso and Kelsey T. Nicholson  
Faculty Sponsor: Dr. Seong Jae Min

*Coconut and Medium Chain Triglycerides Infused with Plant Powders to Combat Bacteria*  
Madison C. Ames; Faculty Sponsor: Dr. JaimeLee I. Rizzo

*Effect of Heavy and Transition Metals on Glutathione Reductase Activity*  
John J. Caperella; Faculty Sponsor: Dr. Irina G. Gazaryan

*Nutraceutical Properties of Several Commercial Herbal Tea Samples*  
Victoria A. Carranza; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*The Influence of Cholesterol on NAD<sup>+</sup> Production in Mycobacterium bovis-BCG*  
Eric Casper; Faculty Sponsor: Dr. Marcy A. Kelly

*Performance of Accelerated Solvent Extraction in Comparison to Other Methods in the Extraction of Active Compounds from Bee Propolis*  
Jozlyn M. Charland; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Synthesis and Investigation of New Antibacterial Surfaces Utilizing Agar, Natural Butters, Natural Oils and Plant Powders*  
Jillian B. Coughlin; Faculty Sponsor: Dr. JaimeLee I. Rizzo

*Resolving the Ligand Binding Specificity in c-MYC G-quadruplex DNA: Absolute Binding Free Energy Calculations and SPR Experiment*  
Jeffrey R. Cruz and Yunting Yin  
Faculty Sponsor: Dr. Nanjie Deng

*Factors Mediating Secondary Graduation Rate*  
Sonnie R. Detore; Faculty Sponsor: Dr. R. Emilio Fernández

**Poster Session (continued) – Gym**

*Evaluating the Function of Genes Implicated in Glioblastoma Multiforme (GBM) Formation using Caenorhabditis elegans*

Agata A. Durda; Faculty Sponsor: Dr. Matthew R. Marcello

*Characterization of Bee Propolis from Greece*

Josephine M. Farshi; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Beeswax and Honey as an Antimicrobial Surface*

Julia T. Fatum; Faculty Sponsor: Dr. JaimeLee I. Rizzo

*The Role of the Unfolded Protein Response in the Malfunction of a Human P/Q-Type Calcium Channel Mutant Associated With Epilepsy*

Emily Hirowski; Faculty Sponsor: Dr. Zafir K. Buraei

*Binding of Sulfa Drugs with Nanoceramics (Metal Oxides)*

Gwen M. Iannone; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Raman Spectroscopy of Different Metformin Tablets*

Elise M. Krupoff; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Comparative Integration of Leadership in Non-Profit and Corporate Sectors*

Servando Martinez; Faculty Sponsor: Prof. Patrick Roger-Gordon

*Metal Complexes with Heterocyclic Nitrogen Ligands: Synthesis and Characterization of Structural Features*

Kaltrina Mulosmani; Faculty Sponsor: Dr. Rita K. Upmacis

*Looking Deeper into the Toy Box: An Analysis of Toys Marketed for Infants*

Iris Nguyen; Faculty Sponsor: Dr. Brenna Hassinger-Das

*Reactions of Hydridomethylsiloxanes on Inorganic Oxide Surfaces*

Giovanni Fardella and Ricardo A. Perez

Faculty Sponsor: Dr. Joseph W. Krumpfer

**Poster Session (continued) – Gym**

*Quantifying Xylene Mixtures by Raman Spectroscopy*

Lauren M. Reilly; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Synthesis of Poly(quinoline)s and Their Derivatives via [4+2]-Cycloadditions*

Kaleigh M. Ryan; Faculty Sponsor: Dr. Joseph W. Krumpfer

*A Case Study About the Challenges and Successes of Living with High Functioning Autism*

David Shapiro Sharif; Faculty Sponsor: Dr. Janet D. Mulvey

*Isolation of RNA in "Crassostrea virginica"*

Suruj Devi Singh; Faculty Sponsor: Dr. Erika Crispo

*Lipobeads with Redox-Responsive Hydrogel Core: Redox Degradable Bulk Hydrogel and Microgels Synthesized by Circulation Polymerization*

Mitchel A. Sybesma; Faculty Sponsor: Dr. Sergey Kazakov

*Antioxidant Activity of Bee Propolis From Different Parts of the World*

Alexander Tielemans; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Influence of Newspapers on Climate Change Perception*

Kaila C. Williams; Faculty Sponsor: Dr. Matthew E. Aiello-Lammens

*Raman Spectroscopic Analysis of Nitrile-Containing Compounds*

Lyric O. Wyan; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

**First Concurrent Afternoon Panel Sessions – 1:45-2:45 p.m.**

**Session 1**                    **Private Desires and Women’s Bodies in Digital Media Ethics –**  
1:45-2:45 p.m.                Room E310  
**Moderator: Dr. Melvin L. Williams**

*From Private to Public: How TMZ Risked Kendall Jenner's Safety*  
Amoreena L. Crispino; Faculty Sponsor: Dr. Melvin L. Williams

*Keeping Up With The Kardashians Digital Influence: The Ethics of Influencer  
Marketing and Celebrity Endorsements*  
Brianna Doroger; Faculty Sponsor: Dr. Melvin L. Williams

*Hyper Sexualizing the Anime Woman: How Ecchi Anime Contributes to  
Future Sex*  
Gavin C. Woods; Faculty Sponsor: Dr. Melvin L. Williams

**Session 2**                    **Philosophy of Religion – Room E309**  
1:45-2:45 p.m.                **Moderator: Dr. Eddis Miller**

*Applying Bataille’s Theory of Religion: From Anselm to Kant*  
Christian S. Halstead; Faculty Sponsor: Dr. Eddis Miller

*Reformulating Kierkegaard’s Model of Faith in the Context of Immanence*  
Jacob F. Kessler; Faculty Sponsor: Dr. Eddis Miller

*The Will of Faith: Kierkegaard, Spinoza, and God*  
Demetria R. Mantalis; Faculty Sponsor: Dr. Eddis Miller

**Session 3**                    **Demands for Justice and Strategies for Social Change – Room E308**  
1:45-2:45 p.m.                **Moderator: Dr. Emily E. Welty**

*Climate Reparations 2.0*  
Tsun-Chueh Huang; Faculty Sponsor: Dr. Emily E. Welty

*We Each Have Stories to Tell: A Queer, Activist History of ACT UP/Chicago*  
Sydney L. Tisch; Faculty Sponsor: Dr. Emily E. Welty

**Session 4**  
1:45-2:45 p.m.

**Exploring Alternatives to Hollywood Filmmaking Practices –**  
Room E307  
**Moderators: Dr. Ruth D. Johnston and Dr. Colin J. Williamson**

*Caligari's Cabinet of Expressionism*  
Naomi M. Rhoa; Faculty Sponsor: Dr. Ruth D. Johnston

*Photography and Medial Hijacking in Blow-Up*  
Leif A. Tystad; Faculty Sponsor: Dr. Ruth D. Johnston

*Shirley in the Sun: Salvaging Women's Voices in the New American Avant-Garde Cinema*  
Mollie A. Murtagh; Faculty Sponsor: Dr. Colin J. Williamson

**Session 5**  
1:45-2:45 p.m.

**Writing Lives: Fiction and Non-Fiction –** Room E316  
**Moderators: Dr. Brice A. Particelli and Dr. Helane C. Levine-Keating**

*Ground Control to Monseñor*  
Jeanette González; Faculty Sponsor: Dr. Brice A. Particelli

*Three*  
Kayla M. Hyland; Faculty Sponsor: Dr. Helane C. Levine-Keating

**Session 6**  
1:45-2:45 p.m.

**Inclusive Immersive Theater –** Bianco Room  
**Moderator: Prof. Adrienne S. Kapstein**

*What a Story Feels Like: Inclusive Immersive Theater for the Blind and Visually Impaired*  
Ryan P. Cook  
Nolan P. Atterbury  
Dorey E. Casey  
Melissa J. Ingle  
Krystyna A. Pinel  
Sky K. Young  
Faculty Sponsor: Prof. Adrienne S. Kapstein

**Session 7**  
1:45-2:45 p.m.

**Nestor Ponce de León: Recovering New York City's Nineteenth-Century Spanish-Language Press –** Room E306  
**Moderator: Dr. Kelley A. Kreitz**

*Nestor Ponce de León*  
Lesley A. Fernandez  
Andy Garcia  
Maria Urbano  
Faculty Sponsor: Dr. Kelley A. Kreitz



**Session 8**  
1:45-2:45 p.m.

**Technology, Business Strategy, Investment & Entrepreneurship –**  
Room E323

**Moderators: Dr. Anna Shostya and Dr. Joseph C. Morreale**

*Mobile Money and Financial Inclusion in Kenya*

Sophia Uwase

Faculty Sponsors: Prof. Mark L. Weinstock and Dr. Joseph C. Morreale

*The Effect of the Online Experience on Household Consumption Expenditure in the European Union*

Mark R. Gallo; Faculty Sponsor: Dr. Anna Shostya

*The Cost of Not Knowing: Observing How Financial Literacy Affects Amount of Saving*

Josina Genetti; Faculty Sponsor: Dr. Todd R. Yarbrough

*Growth 2.0: Unlocking Entrepreneurship Opportunities in Middle- and High-Income Countries*

Gladys Ang; Faculty Sponsor: Dr. Anna Shostya

**Session 9**  
1:45-2:45 p.m.

**International Trade, Energy, & Development – Room E325**

**Moderators: Prof. Mark L. Weinstock and Dr. Todd R. Yarbrough**

*Caribbeanomics: Assessing the Effectiveness of U.S. Foreign Aid in the English-speaking Caribbean*

John M. Keane

Faculty Sponsors: Prof. Mark L. Weinstock and Dr. Todd R. Yarbrough

*The Growth in the Renewable Energy Sector: Path to Development Towards a Sustainable Indian Economy*

Sapna P. Bhuvu; Faculty Sponsor: Prof. Mark L. Weinstock

*Do Trade Patterns of Peru and Brazil Defy Gravity?*

Carly R. Aznavorian; Faculty Sponsor: Prof. Mark L. Weinstock

*Economy or Ecology? Analyzing the Effect Natural Gas Drilling Has on Local Economies*

Christina Thomas; Faculty Sponsor: Dr. Todd R. Yarbrough

Second Concurrent Afternoon Panel Sessions – 3:00-4:00 p.m.

**Session 10**      **Early American Black Lives Matter** – Room E310  
3:00-4:00 p.m.    **Moderator: Dr. Kelley A. Kreitz**

*The Intersections Between Institutional and Scientific Racism*  
Lovanna B. Abbott; Faculty Sponsor: Dr. Sarah Blackwood

*Leading a Lamb to Slaughter: How Slavery Cannibalizes Black Bodies*  
Morgan C. Globus; Faculty Sponsor: Dr. Sarah Blackwood

**Session 11**      **Philosophy of Language** – Room E309  
3:00-4:00 p.m.    **Moderators: Dr. Eddis Miller and Dr. James D. Reich**

*Knowledge, Language, and the Destruction of Binaries and Institutions*  
Julia M. Zorluoglu  
Faculty Sponsors: Dr. Eddis Miller and Dr. James D. Reich

*Poetry Without Order: A Critique of Literary Expression*  
Luca H. Del Deo; Faculty Sponsor: Dr. James D. Reich

**Session 12**      **Suppression and Resistance in the Global South** – Room E308  
3:00-4:00 p.m.    **Moderators: Dr. Meghana V. Nayak and Dr. Joseph Tse-Hei Lee**

*What is the Comparison Between the Northern and Southern Borders of Mexico?*  
Silvia B. Dominguez; Faculty Sponsor: Dr. Meghana V. Nayak

*The Rohingya Crisis: Systematic Violence Against Muslims in Myanmar*  
Allison M. Fisher; Faculty Sponsor: Dr. Meghana V. Nayak

*The Struggle for Power Through Ideological Forces: The Suppression of China's Nonviolent Movements from 1989-2014*  
Andrew Crumpton; Faculty Sponsor: Dr. Joseph Tse-Hei Lee

**Session 13**  
3:00-4:00 p.m.

**Ethnographies of Institutions and Identities at the Center and the Margins – Room E307**

**Moderators: Dr. Judith Pajo and Dr. Mark W. Drury**

*People, Structure, and Agency in a Food Cooperative: An Ethnography of Anti-Structure*

Zoe M. Kim; Faculty Sponsor: Dr. Judith Pajo

*The Degradation in Street Corners: Participant Observation of Two Soup Kitchens in New York City*

Shen Yang; Faculty Sponsor: Dr. Judith Pajo

*Living with the Undocumented Status*

Kennedy Robinson; Faculty Sponsor: Dr. Mark W. Drury

*Les Bleus as a Symbol of French Unification*

Emma L. Wolkenstein; Faculty Sponsor: Dr. Mark W. Drury

**Session 14**  
3:00-4:00 p.m.

**Bridging Cultures in Russian-English Translation – Room E316**

**Moderator: Dr. Andriy Danylenko**

*Dostoyevsky in English Translation: The Vagaries of Domestication*

Valeriya Demydovych; Faculty Sponsor: Dr. Andriy Danylenko

*The History of Translation in Russia from the 18th through 20th Centuries*

Briana Dincher; Faculty Sponsor: Dr. Andriy Danylenko

**Session 15**  
3:00-4:00 p.m.

**From Shakespeare to Woolf: Studies in Literary Criticism – Room E317**

**Moderators: Prof. Adrienne S. Kapstein and Dr. Mark Hussey**

*Applying Narrative to Shakespeare and His Sonnets*

Sarah G. Hurley; Faculty Sponsor: Prof. Adrienne S. Kapstein

*Destruction of the Self: Virginia Woolf's Religion*

Ann E. Pardo; Faculty Sponsor: Dr. Mark Hussey

**Session 16**  
3:00-4:00 p.m.

**The Community of Making – Room E306**

**Moderator: Prof. Brenda McManus**

*Letterpress ABC's*

Julia Briganti

Alexandra G. Gallagher

Faculty Sponsor: Prof. Brenda McManus

**Session 17**  
3:00-4:00 p.m.

**Arts, Entertainment & Law: Show me the Money!** – Room E323  
**Moderators: Dr. Gregory Colman, Dr. Todd R. Yarbrough,  
Prof. Kier F. Hanratty, and Dr. Anna Shostya**

*The Effects of Local Employment and Gross Domestic Product on Musicians' Income*

Julia E. Coloso; Faculty Sponsor: Dr. Gregory Colman

*Audible: How the NCAA Can Restructure its View of Amateur Athletics*

Michael R. Maher

Faculty Sponsors: Prof. Mark L. Weinstock and Dr. Todd R. Yarbrough

*A Woman's World: Gender Discrimination in the Entertainment Industry*

Veronica H. Weinstein; Faculty Sponsor: Prof. Kier F. Hanratty

*The Impact of a Law Degree on Earnings in Occupations Outside the Legal Profession*

Noelle M. Howard; Faculty Sponsor: Dr. Anna Shostya

**Session 18**  
3:00-4:00 p.m.

**Public Policy: Entrepreneurship, Education, Crime, Taxes & Real Estate** – Room E325

**Moderators: Prof. Mark L. Weinstock and Dr. Joseph C. Morreale**

*"Getting Schooled on Crime": Addressing the Roots of Criminal Behavior through Mechanisms of New York City's Educational Institutions*

Joseph Colella; Faculty Sponsor: Prof. Mark L. Weinstock

*Bridging the Gap*

Brooke M. Jefferds; Faculty Sponsor: Prof. Mark L. Weinstock

*The Rent Gradient Effects from Proximity to a Major Business District*

Salome Gudishvili

Faculty Sponsors: Prof. Mark L. Weinstock and Dr. Joseph C. Morreale

---

4:15-5:00 p.m.

**Reception and Awards Ceremony** – Bianco Room

Presiding, Dr. Maria T. Iacullo-Bird

Assistant Dean, Dyson College of Arts and Sciences

## ANNOUNCEMENTS AND UPCOMING EVENTS

**Society of Fellows Dialogues**  
**Monday, April 8, 2019**  
**12:10 p.m. - 1:10 p.m.**  
**Bianco Room**  
**Pace University, New York Campus**

**Society of Fellows of Dyson College Annual Initiation Ceremony**  
**Thursday, April 25, 2019**  
**6:00 p.m. - 8:00 p.m.**  
**Bianco Room**  
**Pace University, New York Campus**

**Call for Faculty Proposals to lead Fall 2019 Annual Weekend Seminar**  
**Due April 29, 2019**

*Transactions* – Call for Papers  
Full-length research papers/artistic projects submitted to the 2019 Annual Meeting will be considered for publication. It is highly recommended that students edit Annual Meeting papers with their faculty sponsors and resubmit. Please forward revised submissions or new entries by June 30, 2019 at [softransactions@pace.edu](mailto:softransactions@pace.edu)

**Society of Fellows Fall 2019 Annual Weekend Seminar**  
**October 11-13, 2019, Wisdom House, Litchfield, Connecticut**



---

The Society of Fellows began in the fall of 1980 with a weekend seminar devoted to questions in applied ethics. The first class of members 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 is inducted annually and named after a member of our society who has made a significant contribution to the ideals we hold important. To date, more than 700 hold the distinction of Fellow of Dyson College.

The Society of Fellows of Dyson College is the premier honors organization in the 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.