10:00 a.m.    **Check-in and Breakfast** — Bianco Room

10:45 a.m.    **Annual Meeting Welcome** — Bianco Room

11:00-12:40 p.m. **Plenary Presentations** — Bianco Room

12:45-2:00 p.m. **Luncheon and Poster Session** — Gym

2:15-3:15 p.m. **First Concurrent Afternoon Panel Sessions 1 through 9**

3:30-4:30 p.m. **Second Concurrent Afternoon Panel Sessions 10 through 18**

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

4:45-5:30 p.m. **Reception and Awards Ceremony** — Bianco Room

The Society of Fellows Executive Board wishes to thank and acknowledge all Faculty Sponsors and Moderators for their support of The Society of Fellows of Dyson College of Arts and Sciences
10:00 a.m. **Check-in and Breakfast** — Bianco Room

10:45 a.m. **Annual Meeting Welcome** — Bianco Room

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

Dr. Nira Herrmann  
Interim Provost, Pace University

11:00-12:40 p.m. **Plenary Session** — Bianco Room

* A New Approach to Drug Discovery for the Treatment of Cryptosporidiosis  
Mohini Gobin  
Faculty Sponsor: Dr. Nigel R. Yarlett

* The Impact of Hours Invested in Co-Curricular Student Involvement on Cumulative GPA: A Pace University Case Study  
Jenna Hager  
Faculty Sponsor: Dr. Anna Shostya

* Language Use in Predicting Responses Following Romantic Relationship Breakups: A Test of the Bad News Response Model  
Jessica Sampson  
Faculty Sponsor: Dr. Angela M. Legg

* Manipulating the “Master Narrative”: Wide Sargasso Sea as a Response to Jane Eyre  
Eli Yampel  
Faculty Sponsor: Dr. Bette Kirschstein
12:45-2:00 p.m.  **Luncheon and Poster Session—Gym**  
Presiding, Dr. Maria Iacullo-Bird  
Assistant Dean, Dyson College of Arts and Sciences

*Negotiating Networks of Writing Support: Non-traditional Female Students as Returning Writers*  
Alexa Blanco and Alexandra Franciosa  
Faculty Sponsor: Dr. Robert J. Mundy

*Zero acreage gardening provides accessibility to community gardeners: The Electric Ladybug Garden’s vertical fence project*  
Katherine Cognata; Faculty Sponsor: Dr. E. Melanie DuPuis

*Characterization of bee propolis from Bulgaria and Serbia*  
Josephine Farshi; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*The Crosstalk Between Presenilin and TRPC5 and its Potential Role in Alzheimer’s Disease*  
Melanie Franco; Faculty Sponsor: Dr. Zafir K. Buraei

*The Role of the Unfolded Protein Response in the Malfunction of a Human PO-Type Calcium Channel Mutant Associated With Epilepsy*  
Emily Hirowski; Faculty Sponsor: Dr. Zafir K. Buraei

*Binding capacity of nanoceramics with sulfa drugs*  
Gwen Iannone; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Mechanical and Topographical Analysis of Silicone Ceramic Precursors*  
Joshua Kreitler; Faculty Sponsor: Dr. Joseph W. Krumpfer

*Synthesis of unique lubricants made of exotic butters infused with indigenous oils to promote inhibition of bacteria and protection against UV radiation*  
Michelle Lopata; Faculty Sponsor: Dr. JaimeLee I. Rizzo

*Phenomenological models for the relationships among occupancy, spatial mean, and spatial variance of species population abundance*  
Kaiying Mo; Faculty Sponsor: Dr. Meng Xu


**Poster Session (continued) — Gym**

*Synthesis and Characterization of Metal Complexes Containing Nitrogen Ligands*
Kaltrina Mulosmani; Faculty Sponsor: Dr. Rita K. Upmacis

*Conservation Education Spaces in the Bronx Zoo: Exploring Ex-Situ Practices that Best Contribute to Conservation Stewardship*
Katherine Murphy; Faculty Sponsor: Dr. Anne H. Toomey

*The Binding Interaction of Nanomaterials of Human Serum Albumin*
Tyler Nolan; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Ucuuba, tamanu, and aloe vera butters as a new formulation to enhance bacterial resistance and UV protection*
Rudra Persaud; Faculty Sponsor: Dr. JaimeLee I. Rizzo

*Chromatographic analysis of amphetamines in biological samples*
Lauren Reilly; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*A Novel Antimicrobial Surface Utilizing Beeswax and Essential Oils*
Luke Shapiro; Faculty Sponsor: Dr. JaimeLee I. Rizzo

*Temperature-Controlled Microscopy of Microgels, Liposomes, and Lipobeads on Hydrophobically Modified Glass Slides*
Gregory Vance; Faculty Sponsor: Dr. Sergey V. Kazakov

*Phenol content and antioxidant activities of several commercial tea samples*
Amanda Villaggi; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Sample preparation and analysis of PAHs (polycyclic aromatic hydrocarbons) in milk samples*
Lyric Wyan; Faculty Sponsor: Dr. Elmer-Rico E. Mojica

*Evaluating the Water Quality of Selected Polluted Sites in New York City*
Jahaira Zapata; Faculty Sponsor: Dr. Elmer-Rico E. Mojica
**First Concurrent Afternoon Panel Sessions — 2:15-3:15 p.m.**

**Session 1**

2:15-3:15 p.m.  
**Issues in Peace and Justice Studies** — Room E327  
**Moderator: Dr. Emily E. Welty**

*A Case Study of Nagorno-Karabakh and Armenian-Azerbaijani Interpersonal Relations*  
Sheyda Aliyeva; Faculty Sponsor: Dr. Emily E. Welty

*A Study of the Factors Leading to Domestic Islamic Radicalization*  
Rachael Pepper; Faculty Sponsor: Dr. Emily E. Welty

*Is Fair Trade Changing Lives? Evaluating Fair Trade Jewelry’s Female Empowerment Claim*  
Alexis Schutz; Faculty Sponsor: Dr. Emily E. Welty

*Black Madonnas: The Effects of the Idealization and Stigmatization of the Social Phenomenon ‘Virginity’ on African American Women*  
Lorraine Bishop; Faculty Sponsor: Dr. Emily E. Welty

**Session 2**

2:15-3:15 p.m.  
**Public Policy and Education** — Room E317  
**Moderator: Dr. Hillary J. Knepper**

*Federal and State Funding of Higher Education: Successes, Improvements, and Impacts on Institutions*  
Nina Emser; Faculty Sponsor: Dr. Gina Scutelnicu

*Sexual Health Education and Adolescents with Intellectual Disabilities*  
Victoria Gonzalez; Faculty Sponsor: Dr. Gina Scutelnicu

**Session 3**

2:15-3:15 p.m.  
**Inorganic and Bioinorganic Chemistry** — Room E326  
**Moderators: Dr. Joseph W. Krumpfer and Dr. Irina G. Gazaryan**

*Modification of Inorganic Oxide Surfaces via Vapor-Solid Ring-Opening Polymerizations of Cyclic Siloxanes*  
Kaleigh Ryan; Faculty Sponsor: Dr. Joseph W. Krumpfer

*Activation of Antioxidant Program With Tin (II) Ion*  
John Caperella; Faculty Sponsor: Dr. Irina G. Gazaryan

*Cobalt (II) Ion: Direct Activator Of Antihypoxic and antioxidant programs*  
Jessica Zhinin-Yanqui; Faculty Sponsor: Dr. Irina G. Gazaryan
Session 4  Historical Perspectives on Gender, Class, and Race in Twentieth Century New York City — Room E316
Moderator: Dr. Maria T. Iacullo-Bird

The Uprising of the 20,000: The Shirtwaist Worker’s Strike and its Impact on Female Immigrants
Phoebe Callard; Faculty Sponsor: Dr. Maria T. Iacullo-Bird

Bedford Stuyvesant and the 1964 Harlem Riots
Naglis Bukauskas; Faculty Sponsor: Dr. Maria T. Iacullo-Bird

Session 5  Studies in Language and Culture — Room E306
Moderators: Dr. Antonia Garcia-Rodriguez, Dr. Andrés Villagrá, and Dr. Andriy Danylenko

The Oversexualization of Latinas in Contemporary US Films
Olivia Juliet Taylor; Faculty Sponsor: Dr. Antonia Garcia-Rodriguez

Y Tu Mama También and The Culture of Mexico
Blossom Kelley-Washington
Faculty Sponsor: Dr. Antonia Garcia-Rodriguez

Hip Hop and Flamenco: dance styles used as instruments for social representation and political change
Samantha Hickman; Faculty Sponsor: Dr. Andrés Villagrá

Understanding Russian Feminism Through Anna Karenina
Olivia Cobleigh; Faculty Sponsor: Dr. Andriy Danylenko

Session 6  Interpreting Anxiety through Theatre — Bianco Room
Moderator: Prof. Ion Cosmin Chivu

Anxiety, An Epidemic: Through the Lens of Social Media
Holly Wright
Hannah Doyon
Abigail Gumpper
Sarah Hurley
Gabriella Papa
Tamar Rubin
Faculty Sponsor: Prof. Ion Cosmin Chivu
Session 7
Topics in Immigration — Room E325
2:15-3:15 p.m.
Moderator: Prof. Mark L. Weinstock

Factors Affecting American Perception of the Economic Impact of Immigration
Mariana Villada
Faculty Sponsors: Prof. Kier F. Hanratty and Dr. Anna Shostya

The Effect of the Deferred Action for Childhood Arrivals (DACA) Program on Native-Born Citizens’ Unemployment Rates
Alisha Phelan; Faculty Sponsor: Dr. Gregory Colman

The Effect of Citizenship Status on Technology Sector Incomes
Katherine Burt; Faculty Sponsor: Prof. Sam Baruch

Session 8
Topics in Business and Finance — Room E324
2:15-3:15 p.m.
Moderators: Dr. Gregory Colman and Prof. Sam Baruch

The Effects of the Financial Crisis on Credit Seeking and Debt
Klejdja Qosja; Faculty Sponsor: Dr. Gregory Colman

Factors affecting Ethereum’s change in price
Joshua Kaufman; Faculty Sponsor: Prof. Sam Baruch

The Effect of Cast Diversity on Ratings Success in Primetime Broadcast Television
Liz Corbett; Faculty Sponsor: Dr. Anna Shostya

Diversity Behind the Screens: Does Diversity in Writers and Directors Affect Viewership Ratings?
Victoria Budden; Faculty Sponsor: Dr. Gregory Colman

Session 9
Issues in International Economics — Room E323
2:15-3:15 p.m.
Moderators: Dr. Anna Shostya and Prof. Kier F. Hanratty

The Effect of International Monetary Fund Loans on Economic Growth: 1990-2016
Chelsea Ruda
Faculty Sponsors: Dr. Gregory Colman and Dr. Anna Shostya

Socio-Economic Status of Women and National Income: An Analysis of 145 Countries
Meghan Seeberger; Faculty Sponsor: Dr. Anna Shostya

The Effect of English Proficiency on Gross National Income Per Capita
Amalie Slungaard; Faculty Sponsor: Prof. Kier F. Hanratty
Second Concurrent Afternoon Panel Sessions — 3:30-4:30 p.m.

Session 10  
3:30-4:30 p.m.  
People on the Move: How Students, their Families, and Friends Experience Globalization — Room E327
Moderator: Dr. Judith Pajo

*The Impacts and Perceptions of Globalization Through The Lens of Technology*
Holly Thayer; Faculty Sponsor: Dr. Judith Pajo

*Globalizing Money and Migration: Impacts on the World*
Jared Chrissley; Faculty Sponsor: Dr. Judith Pajo

*How Globalization keeps the World in Motion: The Accelerating Movement of People around the World*
Fabia Gunkel; Faculty Sponsor: Dr. Judith Pajo

Session 11  
3:30-4:30 p.m.  
Philosophical Analysis — Room E317
Moderators: Dr. Daniel Barber and Prof. Bureen Ruffin

*Capital as Ontological Difference: On Deleuzo-Guattarian Marxism*
Christian Halstead; Faculty Sponsor: Dr. Daniel Barber

*“Life Sucks”: Exploring Thought and the Deeper Self*
Nicoletta Kern; Faculty Sponsor: Prof. Bureen Ruffin

Session 12  
3:30-4:30 p.m.  
Chemical Analyses, and Biology and the Environment in a Costa Rican Rain Forest — Room E326
Moderator: Dr. Sergey V. Kazakov and Dr. William Eaton

*Microscopic Probing of Microgels, Liposomes, and Lipobeads Under High Vacuum*
Sarah Rahni; Faculty Sponsor: Dr. Sergey V. Kazakov

*“Thermophilic” polymer networks: Optimization of poly(acrylamide-co-acrylonitrile) hydrogel synthesis to provide a larger swelling ability for use as medicine delivery system*
Cesar Ramirez; Faculty Sponsor: Dr. Sergey V. Kazakov

*Bacterial Abundance and Nutrient Composition in a Tornado Stricken Region of the Northern Costa Rican Rain Forest*
Elliana Gianacopoulos; Faculty Sponsor: Dr. William D. Eaton
Session 13  
3:30-4:30 p.m.  
**Historical Analyses: Race in American History and North Korea’s Nuclear Crisis** — Room E316  
**Moderators:** Dr. Daniel J. Greenberg and Dr. Joseph Tse-Hei Lee

*America’s Little Brown Brother Returns a Hero: The Changing Image of Filipinos and Filipino-Americans in the USA, 1924-1960*  
Joshua Balasa; Faculty Sponsor: Dr. Daniel J. Greenberg

*The Role of African-American Combatants During the American Revolution*  
Lonnette Richards; Faculty Sponsor: Dr. Daniel J. Greenberg

*A Historical Analysis for a Present-Day Conflict: Key Historical Moments of North Korea’s Nuclear Crisis*  
Elizabeth Powell; Faculty Sponsor: Dr. Joseph Tse-Hei Lee

Session 14  
3:30-4:30 p.m.  
**Studies in Russian and American Cinema** — Room E306  
**Moderators:** Dr. Andriy Danylenko, Dr. Ruth D. Johnston, and Dr. Rebecca E. Martin

*Fear of Encirclement in Russian Cinema from Eisenstein to Mikhalkov*  
Kyle Amadeo; Faculty Sponsor: Dr. Andriy Danylenko

*American Psycho: Consumption of Identity*  
Naomi Rhoa; Faculty Sponsor: Dr. Ruth D. Johnston

*Hitchcock’s Perfect Woman*  
Sven Latinovic; Faculty Sponsor: Dr. Rebecca E. Martin

Session 15  
3:30-4:30 p.m.  
**Artistic Perspectives: Exploring Anxiety through Painting and Fiction; Curating a Photographic Archive** — Room E305  
**Moderators:** Prof. Barbara Friedman and Prof. Roger Sayre

*The Favor*  
Juliet Mueller; Faculty Sponsor: Dr. Helane Levine-Keating

*Anxiety and Anatomy*  
Cassandra Balado; Faculty Sponsor: Prof. Barbara A. Friedman

*The Creation of the James Moninger Archive*  
Robert Dass; Faculty Sponsor: Prof. Roger Sayre
Session 16  
Issues in Crime, Terrorism, and Disasters — Room E325  
Moderator: Prof. Mark L. Weinstock

The Effect Terrorism and Refugee Populations Have on Western European Tourism Revenue  
Ivan Cody and Nicholas McVeigh  
Faculty Sponsor: Prof. Mark L. Weinstock

Factors Affecting U.S. Crime Rates  
Meltem Sultan Ekici; Faculty Sponsor: Dr. Gregory Colman

Session 17  
Women, Wages, Marriage, and Well Being — Room E324  
Moderator: Dr. Gregory Colman

The Impact of Marrying Age on Hourly Wages  
Gregory Coleman; Faculty Sponsor: Dr. Gregory Colman

The Effect of Affordable Care Act’s Medicaid Expansion on the Subjective Well-being of the Population  
Sheona Ahuja; Faculty Sponsor: Dr. Gregory Colman

Session 18  
Happiness, Balancing Your Life, and Disaster — Room E323  
Moderator: Dr. Anna Shostya

The Impact of Remittances on Educational Attainment  
Tahiya Begum; Faculty Sponsor: Dr. Gregory Colman

Measuring the Wage Gap between Male and Female Economics Majors  
Amanda Barone; Faculty Sponsor: Dr. Anna Shostya

The Pursuit of Happiness: How time spent during the day effects ones subjective happiness  
Marina Testani; Faculty Sponsor: Dr. Gregory Colman

4:45-5:30 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

The Dyson Society of Fellows Annual Initiation Ceremony will be held the evening of Thursday, April 26th, 2018
Pace University, New York Campus

Transactions—Call for Papers
Full-length research papers/artistic projects submitted to the 2018 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 30th, 2018

Society of Fellows 2018 Annual Weekend Seminar
October 12-14, 2018, Warwick, New York

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 work 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 Fellows sponsor 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.