

PACE

UNIVERSITY

UNDERGRADUATE RESEARCH AND CREATIVE INQUIRY DAY THURSDAY, MAY 5, 2022

**New York City Campus
One Pace Plaza and 41 Park Row**

9:30 a.m. - 5:00 p.m.

FULL-DAY SCHEDULE

9:30 a.m.-10:50 a.m.	Welcome and Plenary Presentation – Bianco Room
11:00 a.m.-1:00 p.m.	Art Presentations – Art Gallery Poster Presentations – Student Center East and West
1:00 p.m.-1:50 p.m.	Luncheon – Bianco Room
2:00 p.m.-3:00 p.m.	First Concurrent Afternoon Panel Sessions 1 through 3
3:10 p.m.-4:10 p.m.	Second Concurrent Afternoon Panel Sessions 4 through 6 Panel sessions are in 3 rd floor classrooms, One Pace Plaza
4:20 p.m.-5:00 p.m.	Reception – Bianco Room

**UNDERGRADUATE RESEARCH AND CREATIVE INQUIRY DAY
THURSDAY, MAY 5, 2022**

9:30 a.m. – Bianco Room, One Pace Plaza

Welcome

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

Plenary Session – 9:35 a.m.-10:50 a.m.
Co-Curricular Research Models: The Federal Reserve and Fiscal Teams

Moderator/Faculty Mentor: Prof. Mark L. Weinstock, Dyson/Economics

The College Federal Reserve Challenge Competition and its Life-long Impact on Research Skills Needed for Career Development & Success

Student Presenters:
Winnie Liu, Dyson/Economics
Fiona C. Waterman, Dyson/Economics
Casey M. Cloutier, Dyson/Economics
Kate E. Fong, Dyson/Economics

The National College Fiscal Challenge as an Ultimate Research/Presentation Experience

Student Presenters:
Carlton Allison, Dyson/Economics
Brandon D. Diaz, Dyson/Economics
Courtney A. Koprowicz, Dyson/Economics
Isabelle LaBianco, Dyson/Economics | Film and Screen Studies

10:50 a.m.

Greeting

Dr. Vanya Quiñones
Provost and Executive Vice President for Academic Affairs

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Concurrent Art and Poster Sessions – 11:00 a.m.-1:00 p.m.

Project Studio - Art Gallery, 41 Park Row, 11:00 a.m.-1:00 p.m.

1) *Escapism*

Student Presenter: Kennison J. Amill, Dyson/ Art
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

2) *Reconnecting Fragments*

Student Presenter: Kayla E. Bugeya, Dyson/ Art
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

3) *If I Am Only My Thoughts*

Student Presenter: Elizabeth Burger, Dyson/ Art
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

4) *Perilous Tales of Danger*

Student Presenter: Anthony Cavicchia, Dyson/ Fine Arts
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

5) *Self-Reflection*

Student Presenter: Yessenia M. Cruz, Dyson/ Fine Arts
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

6) *Good God Get a Grip Girl*

Student Presenter: Dominique A. Johnson, Dyson/ Art
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

7) *Tub Talks*

Student Presenter: Lauren G. Luspo, Dyson/ Communication Studies
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

8) *Realism and Abstraction*

Student Presenter: Harry C. Marcus, Dyson/ Art
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

9) *Tallarines Verdes*

Student Presenter: Alixandra Matos, Dyson/Film and Screen Studies

Faculty Mentor: Prof. Roger Sayre, Dyson/Art

10) *Looking Back I Saw.... and I Felt... and I was*

Student Presenter: Imani V. Nelson, Dyson/Fine Arts

Faculty Mentor: Prof. Roger Sayre, Dyson/Art

11) *Without a Map*

Student Presenter: Tashfia H. Raisa, Dyson/Art

Faculty Mentor: Prof. Roger Sayre, Dyson/Art

12) *Give Us Grace*

Student Presenter: Destini L. Smith, Dyson/Art

Faculty Mentor: Prof. Roger Sayre, Dyson/Art

13) *VR Video: Memoir of @12years_old*

Student Presenter: Jiajia Wu, Dyson/Fine Arts

Faculty Mentor: Prof. Roger Sayre, Dyson/Art

Museum Studies

14) *Sanitation Celebration Exhibition at Pace University Art Gallery*

Student Presenters:

Olivia M. Hawkins, Dyson/Film and Screen Studies

Meghan R. Healy, Dyson/History

Faculty Mentor: Prof. Sarah B. Cunningham, Dyson/Art

UNDERGRADUATE RESEARCH AND CREATIVE INQUIRY DAY

THURSDAY, MAY 5, 2022

Poster Session – Student Center East and West, One Pace Plaza, 11:00 a.m.-1:00 p.m.

- 1) ***Breaking Down the Misconceptions Behind Makeup Usage***
Student Presenter: Alyssa C. Alvarez, Dyson/Women and Gender Studies
Faculty Mentor: Ms. Lindsey Lee, Honors College

- 2) ***The Shape of Timbre: An Analysis of the Spectra of Various Musical Instruments***
Student Presenter: Jonathan T. Call, Dyson/Forensic Science
Faculty Mentor: Dr. Erik Lascaris, Dyson/Chemistry & Physical Sciences

- 3) ***Investigating Differences in Firearm-Related Intimate Partner Homicides Rates by Race/Ethnicity using the National Violent Death Reporting System (NVDRS)***
Student Presenter: Shirly Chen, College of Health Professions/Health Science
Faculty Mentor: Dr. Erica L. Gollub, College of Health Professions/Health Science Program

- 4) ***Your Morning Metals: Iron Content in Cereal***
Student Presenter: Olivia L. Cullen, Dyson/Chemistry
Faculty Mentor: Dr. Elmer-Rico E. Mojica, Dyson/Chemistry & Physical Sciences

- 5) ***Sustainability in the Fashion Industry***
Student Presenter: Kristin P. Desousa, Lubin/Marketing
Faculty Mentor: Prof. Leigh Anne Novak Donovan, Lubin/Marketing

- 6) ***Covid-19 & Broadway: A Comparative Analysis of the Shifting Marketing Strategies of Playbill and The Broadway League***
Student Presenter: Leah M. Gaffney, Lubin/Advertising and Integrated Marketing Communications
Faculty Mentor: Prof. Christopher D. Ramos, Lubin/Arts & Entertainment Management

- 7) ***The Utilization of Mobile Applications in the Battle Against Household***
Student Presenter: Natalie Garcia, Seidenberg School of CSIS/Computer Science
Faculty Mentor: Dr. James P. Lawler, Seidenberg School of CSIS

8) *Extraction of Propolis Samples for Commercial Use*

Student Presenter: Jennifer Hutnik, Dyson/Chemistry

Faculty Mentor: Dr. Elmer-Rico E. Mojica, Dyson/Chemistry & Physical Sciences

9) *Access to the COVID-19 Vaccine in The Gambia*

Student Presenter: Aisha Jawara, College of Health Professions/Health Science

Faculty Mentor: Dr. Ana B. Amaya, College of Health Professions/Health Science Program

10) *Hulu User Interface Redesign*

Student Presenter: Danielle Jones, Seidenberg School of CSIS/Computer Science

Faculty Mentor: Prof. Brenda McManus, Dyson/Art

11) *How Pre vs. Post Social Media Musicians Market Their Brand*

Student Presenter: Emily H. Jones, Dyson/Communication Studies

Faculty Mentor: Dr. Aditi Paul, Dyson/Communication Studies

12) *How and Why Does the Idea of Exclusivity Contribute to the Success of the Brand?*

Student Presenter: Mitchell D. Kamm, Lubin/Business Management

Faculty Mentor: Dr. Andrew O. Coggins, Lubin/Management & Mgt Science

13) *A Cholesterol-Mediated Metabolic Shift Protects Mycobacterium Bovis-BCG from GSH Induced Reductive Stress Killing by Altering GSH/GSSG Ratios*

Student Presenter: Alexa R. Karp, Dyson/Biology

Faculty Mentor: Dr. Marcy A. Kelly, Dyson/Biology

14) *Can a nudge encourage college students to register as organ donors?*

Student Presenter: Isabelle LaBianco, Dyson/Economics | Film and Screen Studies

Faculty Mentor: Dr. Mary A. Kaltenberg, Dyson/Economics

15) *Climate Change Inclusion within State Science Standards of High Schools in the United States*

Student Presenter: Annunziata Mazzella, Dyson/Environmental Studies

Faculty Mentor: Dr. E. Melanie DuPuis, Dyson/Environmental Studies and Sciences

16) *How Did the Policies of COVID-19 Impact Oil Prices Globally?*

Student Presenter: Everton Mendoza-Holmes, Dyson/Business Economics

Faculty Mentors: Dr. Anna Shostya; Prof. Mark L. Weinstock, Dyson/Economics

- 17) *QAnon and the Driving Factors That Have Amplified the Conspiracy Group***
Student Presenter: Rina Myeku, Dyson/Political Science
Faculty Mentor: Dr. Meghana Nayak, Dyson/Women and Gender Studies | Political Science
- 18) *Antioxidant Activities of Several Commercial Tea Samples***
Student Presenter: Alyssa O'Connor, Dyson/Forensic Science
Faculty Mentor: Dr. Elmer-Rico E. Mojica, Dyson/Chemistry & Physical Sciences
- 19) *The Impacts of Climate Change on Migration in Central America and the Caribbean (CAC)***
Student Presenter: Michelle M. Otto, Dyson/Political Science
Faculty Mentor: Dr. Meghana Nayak, Dyson/Women and Gender Studies | Political Science
- 20) *The Developmental Plan of Inflorescence Circumnutation in Arabidopsis thaliana***
Student Presenter: Sofia M. Perez, Dyson/Biology
Faculty Mentor: Dr. Eric D. Brenner, Dyson/Biology
- 21) *Examining Perceived Decision-Making Power Among University Community Members***
Student Presenter: Joseph Peterson, Lubin/ Arts & Entertainment Management
Faculty Mentor: Dr. Marcella T. Szablewicz, Dyson/Communication Studies
- 22) *Chromatographic Analysis of Bee Propolis from The European***
Student Presenter: Lawrence Phillips, Dyson/Forensic Science
Faculty Mentor: Dr. Elmer-Rico E. Mojica, Dyson/Chemistry & Physical Sciences
- 23) *Financial Literacy, Education and Wealth***
Student Presenter: Tairys Romero, Lubin/Finance
Faculty Mentor: Dr. Marcus V. Braga Alves, Lubin/Finance and Economics
- 24) *Exploring Societal Determinants of COVID Death Rate Over Time***
Student Presenter: Shayan Saniei, Dyson/Biology
Faculty Mentor: Dr. Erika Crispo, Dyson/Biology
- 25) *The Return of Flat Design: Logo Design Influenced by Small Screens***
Student Presenter: Amy K. Vander Heyden, Lubin/ Arts & Entertainment Management
Faculty Mentor: Prof. Derek R. Stroup, Dyson/ Art

26) *The Effects of Different Restoration Practices on the Soil Bacterial AND Fungal Communities in a Cloud Forest in Monteverde, Costa Rica*

Student Presenter: Brookelynne A. Verrette, Dyson/Biology

Faculty Mentor: Dr. William D. Eaton, Dyson/Biology

27) *Qualitative Analysis of Various Chemicals by Using Gas Chromatography-Mass Spectrometry (GC-MS)*

Student Presenter: Hanbo Wang, Dyson/Chemistry

Faculty Mentor: Dr. Rita K. Upmancis, Dyson/Chemistry & Physical Sciences

Luncheon – 1:00 p.m.-1:50 p.m. – Bianco Room, One Pace Plaza

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**First Concurrent Afternoon Panel Session – 2:00 p.m.-3:00 p.m.
Panels are in 3rd floor classrooms, One Pace Plaza**

Panel Session 1: Gaming, Debugging and Big Data – Room E325

Moderators: Prof. Carmine T. Guida and Dr. Jun Yuan

A Journey to Somewhere

Student Presenter: Lauren V. DeMaio, Seidenberg School of CSIS/Computer Science
Faculty Mentor: Prof. Carmine T. Guida, Seidenberg School of CSIS

Rust - A Better Debug

Student Presenter: Alexs O. Wijoyo, Seidenberg School of CSIS/Computer Science
Faculty Mentor: Dr. Jun Yuan, Seidenberg School of CSIS

Big Data and the Big Three Social Media Companies: An Analysis of Instagram, Snapchat, and Twitter Data Policies and Recommendations for Regulatory Reform

Student Presenter: Saloni Shah, Dyson/Economics | Political Science
Faculty Mentor: Dr. Jessica A. Magaldi, Lubin/Legal Studies and Taxation

Panel Session 2: Scholarly Perspectives on Grassroots Activism – Room E306

Moderators: Dr. Emily E. Welty and Dr. Claire D. Panetta

Solo El Pueblo Salva al Pueblo: Only the People Can Save the People

Student Presenter: Mayana N. Torres, Dyson/Peace and Justice Studies | History
Faculty Mentor: Dr. Emily E. Welty, Dyson/Peace and Justice Studies

The Stickers on the Bridge

Student Presenter: Nathaniel M. Crystal, Dyson/Sociology and Anthropology | Political Science
Faculty Mentor: Dr. Claire D. Panetta, Dyson/Sociology and Anthropology

Panel Session 3: Environments: Watershed Assessment, Body Mass Impact on Emotions, and Art in Nature – Room E305

Moderators: Dr. Michael H. Finewood, Dr. Weihua Niu and Prof. Thomas T. Nguyen

A Needs Assessment of Watershed Groups in the Hudson River Watershed

Student Presenter: Jane E. Toyber, Dyson/Environmental Science

Faculty Mentor: Dr. Michael H. Finewood, Dyson/Environmental Studies and Sciences

Body Mass Index Moderates the Relationship between Negative Emotions and Disordered Eating

Student Presenter: Emilija BlozYTE, Dyson/Psychology

Faculty Mentor: Dr. Weihua Niu, Dyson/Psychology

Living Sculpture in Nature

Student Presenter: Jiajia Wu, Dyson/Fine Arts

Faculty Mentor: Prof. Thomas T. Nguyen, Dyson/Art

Second Concurrent Afternoon Panel Session – 3:10 p.m.-4:10 p.m.

Panels are in 3rd floor classrooms, One Pace Plaza

Panel Session 4: The Economics of Marine Protection, the USDOD and Film, and Energy Trade – Room E325

Moderators: Dr. Anna Shostya, Prof. Mark L. Weinstock and Dr. Todd R. Yarbrough

The Effects of Marine Protected Areas on Fishing Exports in OECD Countries

Student Presenter: Maria A. Andrukhiv, Dyson/Economics | Political Science

Faculty Mentor: Dr. Anna Shostya, Dyson/Economics

A Study of the Impact of US Department of Defense and Movie Industry Cooperation on Military Application Rates

Student Presenter: Lindsay M. Varzarevsky, Dyson/Business Economics

Faculty Mentor: Prof. Mark L. Weinstock, Dyson/Economics

The United States and Mexico's Energy Trade and Economic Relationship: The Current Policies' Effect on Ecosystem Services in the Borderlands

Student Presenter: Simone M. Hougham, Dyson/Environmental Science

Faculty Mentor: Dr. Todd R. Yarbrough, Dyson/Economics

Panel Session 5: History, Civic Engagement, and Social Justice: Nineteenth Century Black Theatre, and COVID 19 and the Black Lives Matter Movement – Room E306
Moderators: Dr. Sid E. Ray and Dr. Maria Iacullo-Bird

He is Our Bard as Well as Yours: Recovering the Lost Black Involvement in Early American Theatre

Student Presenter: Kailey G. Liddell, Dyson/ English Language and Literature
Faculty Mentor: Dr. Sid E. Ray, Dyson/English

Pace University Oral History Project: COVID-19 and the Black Lives Matter Movement

Student Presenter: Madison A. Turunen, Dyson/History | Peace and Justice Studies
Faculty Mentor: Dr. Maria T. Iacullo-Bird, Dyson/History

Panel Session 6: Youth Activism in the Anti-Trafficking Movement – Room E305
Moderator: Dr. Emily C. Bent

The Passion for Change Knows No Age: An Exploration of Youth Leadership in the Anti-Trafficking Movement

Student Presenters:

Maria E. Escobar Acosta, Dyson/Women and Gender Studies

Caitlen Macias, Columbia University School of Social Work

Dahlia Locke, Pamona College

Matthew Kodsi, Packer Collegiate Institute

Faculty Mentor: Dr. Emily C. Bent, Dyson/Women and Gender Studies

Reception – 4:20 p.m.-5:00 p.m. – Bianco Room, One Pace Plaza