

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/West
1:00 p.m.-1:50 p.m.	Lunch – TBD
2:00 p.m.-3:00 p.m.	First Concurrent Afternoon Panel Sessions 1 through 4
3:10 p.m.-4:10 p.m.	Second Concurrent Afternoon Panel Sessions 5 through 7 Panel Sessions are located in classrooms on the 3 rd Floor
4:20 p.m.-5:00 p.m.	Reception – TBD

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

9:30 a.m. – Bianco Room

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

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

Project Studio - Art Gallery, 41 Park Row

Escapism

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

Reconnecting Fragments

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

If I Am Only My Thoughts

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

Perilous Tales of Danger

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

Self-Reflection

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

Good God Get a Grip Girl

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

Tub Talks

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

Title?

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

Tallarines Verdes

Student Presenter: Alixandra Matos, Dyson/Film and Screen Studies
Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

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

Without a Map

Student Presenter: Tashfia H. Raisa, Dyson/ Art

Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

Give Us Grace

Student Presenter: Destini L. Smith, Dyson/ Art

Faculty Mentor: Prof. Roger Sayre, Dyson/ Art

Living Sculpture in Nature

Student Presenter: Jiajia Wu, Dyson/Fine Arts

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

Posters – Student Center East/West, One Pace Plaza

Breaking Down the Misconceptions Behind Makeup Usage

Student Presenter: Alyssa C. Alvarez, Dyson/Women and Gender Studies

Faculty Mentor: Ms. Lindsey Lee, Honors College

Sustainable Development and Water Security: Increasing Global Water Conflict in Developing Countries and Their Potential Solutions

Student Presenter: Tyler Burenbadrakh, Dyson/Chemistry

Faculty Mentor: Dr. JaimeLee I. Rizzo, Dyson/Chemistry & Physical Sciences

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

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

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

Sustainability in the Fashion Industry

Student Presenter: Kristin P. Desousa, Lubin/Marketing

Faculty Mentor: Prof. Leigh Anne Novak Donovan, Lubin/Marketing

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

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

Extraction of Propolis Samples for Commercial Use

Student Presenter: Jennifer Hutnik, Dyson/Chemistry

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

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

Hulu User Interface Redesign

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

Faculty Mentor: Prof. Brenda McManus, Dyson/ Art

Title?

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

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

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

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

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

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

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

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

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

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

The Developmental Plan of Inflorescence Circumnutation in Arabidopsis thaliana

Student Presenter: Sofia M. Perez, Dyson/Biology
Faculty Mentor: Dr. Eric D. Brenner, Dyson/Biology

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

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

Financial Literacy, Education and Wealth

Student Presenter: Tairys Romero, Lubin/Finance
Faculty Mentor: Dr. Marcus V. Braga Alves, Lubin/Finance and Economics

Exploring Societal Determinants of COVID Death Rate Over Time

Student Presenter: Shayan Saniei, Dyson/Biology

Faculty Mentor: Dr. Erika Crispo, Dyson/Biology

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

Racial Segregation & Risk During COVID-19: A Systematic Review

Student Presenter: Mason X. Soto, College of Health Professions/Health Science

Faculty Mentor: Dr. Joshua B. Mendelsohn, College of Health Professions/Health Science Program

The Impact of Smartphone Screens on Logo Design

Student Presenter: Amy K. Vander Heyden, Lubin/ Arts & Entertainment Management

Faculty Mentor: Prof. Derek R. Stroup, Dyson/ Art

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

Student Presenter: Brookelynn A. Verrette, Dyson/Biology

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

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

Student Presenter: Hanbo Wang, Dyson/Chemistry

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

Lunch – 1:00 p.m.-1:50 p.m. – TBD

UNDERGRADUATE RESEARCH AND CREATIVE INQUIRY DAY

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First Concurrent Afternoon Panels – 2:00 p.m.-3:00 p.m. **Classrooms in One Pace Plaza**

Panel Session 1: Gaming and Debugging – Room TBD

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: Alexis O. Wijoyo, Seidenberg School of CSIS/Computer Science

Faculty Mentor: Dr. Jun Yuan, Seidenberg School of CSIS

Panel Session 2: Sanitation Celebration Exhibition – Room TBD

Moderator: Prof. Sarah B. Cunningham

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

Panel Session 3: Variations on Activism – Room TBD

Moderators: Dr. Maria T. Iacullo-Bird, Dr. Emily E. Welty, and Dr. Claire D. Panetta

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

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/Women and Gender 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 4: Environments: Watershed Assessment and the impact of Body Mass on Emotions – Room TBD

Moderators: Dr. Michael H. Finewood and Dr. Weihua Niu

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

Second Concurrent Afternoon Panels – 3:10 p.m.-4:10 p.m.
Classrooms in One Pace Plaza

Panel Session 5: The Economics of Marine Protection, the USDOD and Film, and Energy Trade – Room TBD

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 6: Recognition and Recovery: The Black Experience in Film and Theatre – Room TBD

Moderators: Prof. Nzingha Kendall and Dr. Sid E. Ray

From on Screen to Behind the Camera: Kasi Lemmons

Student Presenters:

Diamond A. Bryant, Dyson/Film and Screen Studies

Tasfia Rahim, Dyson/Economics | Political Science

Faculty Mentor: Prof. Nzingha Kendall, Dyson/Film and Screen Studies

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

Panel Session 7: Title Youth Activism in the Anti-Trafficking Movement – Room TBD

Moderators: Dr. Emily C. Bent

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

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

Panel Presenters? TBD

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

Reception – 4:20 p.m.-5:00 p.m. – TBD