**SPRING 2024**

**UNDERGRADUATE RESEARCH AND CREATIVE INQUIRY DAY**

Pleasantville Campus, Gottesman Room, Kessel Student Center

Friday, May 3, 2024

10:00 a.m.

**Welcome**

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

**Opening Plenary**

Presenting at the National Conference on Undergraduate Research (NCUR)

Panelist: Morgan Amos

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10:30 a.m. - Noon

**Poster Session**

**Behavioral Science**

*The Impact of Feedback on Student Athletes*

Student Presenters: Laila D. Brathwaite, Dyson | Psychology
Alex B. DiCosola, Dyson | Psychology
Joey S. Fama, Dyson | Psychology
Diana S. Kone, Dyson | Psychology
Noëlle F. Meij, Dyson | Psychology

Faculty Mentor: Dr. Courtney L. Gosnell, Dyson | Psychology
Capitalization Support
Student Presenters: Emily V. Curtis, Dyson | Applied Psychology and Human Relations
Skyla J. Pagan, College of Health Professions | Health Science
Faculty Mentor: Dr. Courtney L. Gosnell, Dyson | Psychology

Exploring the Impact of Socioeconomic, Academic, and Cognitive Factors on Salary Negotiations Among College Students
Student Presenters: Matthew B. Risko, Dyson | Liberal Studies
Rolando Sidney, Dyson | Personality and Social Psychology
Ariana M. Soriano, Dyson | Biological Psychology
Faculty Mentor: Dr. Courtney L. Gosnell, Dyson | Psychology

Student Perspectives of Well-Being and Motivation
Student Presenters: Cheltze Hamilton, Dyson | Psychology
Eliza A. Prekopa-Murphy, Dyson | Psychology
Kaitlyn L. Roazzi, Dyson | Psychology
Deanna R. Traina, Dyson | Psychology
Faculty Mentor: Dr. Courtney L. Gosnell, Dyson | Psychology

Computer Science

Experiential Learning via Distributed Hardware Access in Computer Organization
Student Presenter: Erin Sorbella, Seidenberg | Computer Science
Faculty Mentor: Dr. Thomas M. Schmidt, Seidenberg | Computer Science

Humanities

A Starless Sky
Student Presenter: Nicolina G. Barone, Dyson | Writing and Rhetoric
Faculty Mentor: Prof. Dana J. Cadman, Dyson | English

Analysis on Controversial Topics and Threats on Freedom of Press in Pace University’s Student Newspaper
Student Presenter: Sahtrese S. McQueen, Dyson | Digital Journalism
Faculty Mentor: Dr. Kate Fink, Dyson | Media, Communications, and Visual Arts
Science - Chemistry

Model Studies to Guide Cleanup of Clandestine Methamphetamine Labs: Developing Reliable Controls
Student Presenter: Morgan Amos, Dyson | Chemistry
Faculty Mentor: Dr. Karen Caldwell, Dyson | Chemistry/Physical Sciences

Antioxidant Properties of Taurine and Catalin Eye Drops
Student Presenter: Morgan E. Amos, Dyson | Chemistry
Faculty Mentor: Dr. Irina G. Gazaryan, Dyson | Chemistry/Physical Sciences

Exploring pH and Temperature Effects on Redox Degradation Kinetics of the Disulfide Cross-Linked Microgels for Controlled Anticancer Drug Delivery
Student Presenter: Ali Hoy, Dyson | Chemistry
Faculty Mentor: Dr. Sergey V. Kazakov, Dyson | Chemistry/Physical Sciences

Science - Biology

Assessing Innervation of Nascent Sensory Hair Cells in Zebrafish
Student Presenter: Joshua Ceisler, Dyson | Biology
Faculty Mentor: Dr. Aaron B. Steiner, Dyson | Biology

Analyzing the Mechanism of Melanoma Cell Death Induced by ACLY Inhibition in a 3D Cancer Model
Student Presenter: Michael Ferretti, Dyson | Biology
Faculty Mentor: Dr. Nancy A. Krucher, Dyson | Biology

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Noon - 1:00 p.m. Reception