

*Faculty Teaching and Research Showcase*  
*Pleasantville Campus*  
*Sponsored by the Office of the Provost*

*To Celebrate*  
*the Inauguration of*  
*Marvin Kristov*  
*As the Eighth President of Pace University*



**Friday, October 27, 2017**  
**Gottesman Room, Kessel**  
**10:30AM - 1:30PM**

## **Welcome Session I - Interim Provost Dr. Nira Herrmann**

### **Guest of Honor: President Marvin Krislov**

#### **Poster Session I: 10:30am-11:55am**

1. **Counseling with Clients with Strong Avoidance Tendencies: A Grounded Theory**  
Dr. Michael Tursi
  
2. **Student Managed Investment Portfolio**  
Dr. Ronald Filante
  
3. **Cyber-Arcade: An Innovative Approach to Promote Cybersecurity and Engage Women to Pursue STEM Careers**  
Dr. Pauline Mosley, Dr. Li-Chiou Chen, Prof. Andreea Cotoranu
  
4. **How Does Gender Diversity Affect Research Productivity in Academia? Evidence from NASPAA Accredited & Affiliated MPA Programs**  
Dr. Gina Scutelnicu, Dr. Rebecca Tekula, Dr. Hillary J. Knepper
  
5. **Women & Gender in the Cuban Revolution**  
Dr. Michelle Chase
  
6. **Examining Non-traditional Female Students' Access to Writing Support as They Negotiate Life Transitions**  
Dr. Robert Mundy, Prof. Michael Turner, Prof. Alysa Hantgan
  
7. **Structure of Physical (R)evolutions and Quantum Spacetime**  
Dr. Mohsen Shiri-Garakani
  
8. **Autism Spectrum Disorder: genes -> neural networks -> behavior**  
Dr. Sally Marik
  
9. **Language Shift and Social Change: Participatory Action Research in a Pakistani-American Community**  
Dr. Tasha Darbes
  
10. **The Challenge of Teaching Immigration Law Practice in a Time of Crisis**  
Prof. Vanessa Merton, Prof. Thomas McDonnell
  
11. **Laws and Regulations Affecting Financial Markets**  
Dr. Rosario (Roy) J. Girasa

- 12. Iridescent marine *Tenacibaculum* from the Clinging Jellyfish**  
Dr. Andrew Wier
- 13. Targeting the RB tumor suppressor in pancreatic cancer**  
Dr. Nancy Krucher
- 14. Bioscopic Lipobead-Encapsulated Anticancer Drug**  
Dr. Sergey Kazakov
- 15. Biosensors**  
Dr. David N. Rahni
- 16. Novel activators of antioxidant and antihypoxic genetic programs**  
Dr. Ellen Weiser, Dr. Irina Gazaryan
- 17. Chemistry of Silicone Materials for Hydrophobic, Anti-Bacterial, and High-Fidelity Surfaces**  
Dr. Joseph W. Krumpfer
- 18. Colorful Silicones: Preparation and Applications of Silicone Composites as an Artistic Medium**  
Dr. Joseph W. Krumpfer
- 19. A Transfer Of Technology Knowledge: Advocating for Increased Use of Digital Literacies by Preservice Teachers for Literacy Instruction**  
Dr. Francine Falk-Ross
- 20. Voices from student teachers in New York: The persistence of a subtractive experience of the edTPA as a licensure exam for initial certification**  
Dr. Christine D. Clayton

**Break: 11:55am-12:05pm**

**Welcome Session II - Interim Provost Dr. Nira Herrmann**

**Guest of Honor: President Marvin Krislov**

**Poster Session II: 12:05pm -1:30pm**

**21. Signaling Behavior of Treefrogs**

Dr. Joshua Schwartz

**22. Food Across Borders**

Dr. Melanie DuPuis

**23. Culvert Management Planning for Habitat Connectivity**

Dr. Matthew Aiello-Lammens, Dr. Joshua Schwartz, Prof. John Cronin

**24. Using LiDAR to identify possible stormwater detention areas in the Pocantico Watershed**

Prof. Nicholas Robinson, Dr. Mary Margaret Minnis

**25. The Trifecta: Collaboration in a Competitive Environment**

Dr. Paul Ziek, Dr. Katherine Fink

**26. Experiences of College Journalists With Public Records Laws**

Dr. Katherine Fink

**27. A Portrait of College Success: Grit, Theories of Intelligence, and Cumulative Life Adversity**

Dr. Lynn Bogin, Dr. Paul W. Griffin, Dr. Anthony Mancini, Dr. Ross Robak

**28. Police Officers' Job Satisfaction and Well-Being: The Influences of Flow**

Dr. Sara Juncaj, Dr. Paul W. Griffin, Dr. Alfred Ward, Dr. Angela Legg

**29. Is There A Doctor in the House? Using Popular Financial Indicators to Predict Hospital Closures**

Dr. Andrew Crosby, Dr. Hillary J. Knepper

**30. FIRST Tech Challenge High School Robotics STEM Outreach**

Dr. Richard Kline

- 31. Virtualization and Implementation of Spectroscopy in Undergraduate Chemistry Laboratory and Research Courses**  
Dr. Karen R. Caldwell, Dr. Joseph W. Krumpfer
- 32. Remediating Interior Building Surfaces Contaminated by Methamphetamine: Methods Development**  
Dr. Karen R. Caldwell
- 33. Building Integrative Capacity: Interdisciplinary Team Design Training Pilot Study**  
Dr. Theresa Lant
- 34. Dyson Scholars in Residence Program**  
Dr. Jane Collins
- 35. The Ottoman Invention of Humanitarian Diplomacy: Hungarian and Polish Revolutionaries and Political Asylum, 1849-1851**  
Dr. Jared Manasek
- 36. Marching for the Jews of Europe, Washington, DC, October 6, 1943-- A “Burkeian” Analysis**  
Dr. Diane Cypkin
- 37. Using GIS to Understand the Relationship of Community Factors and Police Shootings in the United States: A First Look *Proceedings, Americas Conference on Information Systems (AMCIS), San Diego, 2016***  
Dr. Daniel Farkas, Dr. Hasan T. Arslan
- 38. Relations between Green Rankings and Investor Protection**  
Dr. Kam Chan
- 39. Ranking of Accounting Doctoral Programs Based on Student Ratings**  
Dr. Kam Chan, Dr. Barbara Farrell, Prof. Patricia Healy