Program of Poster Session

Welcome and Greetings

1:30 pm-1:50 pm          Dr. Russell Hotzler, President
Dr. Bonne August, Provost
Dr. Karl Botchway, Dean of the School of Arts and Sciences
Kevin Hom, Dean of the School of Technology and Design
Dr. David Smith, Dean of the School of Professional Studies

The program is organized by topics rather than by departments. Frequently the presentations are cross-disciplinary or difficult to assign to the discipline represented by the department with which the presenter is affiliated.

Architectural and Graphic Arts Technology

1. Phillip Anzalone Aia, Rapidly Deployed and Assembled Tensegrity System.
2. Lloyd Carr, 21st Century Color Matching Across All Media.
5. Paul C. King, The D & H Canal and Roebling Before the Bridge.
9. Anne Leonhardt and Yuliya Zavolunova, Understanding Parametrics through Mathematical Approaches in Architecture.

Biology and Health Sciences

11. Susan Davide and Marilyn Cortell, Dental Hygiene Patients’ Willingness to Undergo HIV Testing.
14. Kathleen Falk, Appreciative Leadership to Transform Nursing Care for Children With
Incarcerated Parents.

15. Eugenia G. Giannopoulou, Computational Discovery of Chromatin-Bound Protein Complexes.


17. Kara Rose Pasner, The Integration of the iPAD in Low Vision Care.


19. Virginia Curran, Bridget Maley, and Sharon Shockness, Physical Assessment Tool in an Associate Degree Nursing Program.

20. Fabiola Fontaine, Manhin Lam, Wing Pan Kenny Tsang, and Davida S. Smyth, The Microbiology of the Built Environment: What Constitutes the Microbiome of a Building?

21. Davida S. Smyth and Jeremy Seto, The Microbiology of Urban Mice: Just how risky are those little brown pellets?

22. Fabiola Fontaine, Jeremy Seto, and Davida S. Smyth, The Microbiology of Urban Water Sites: When can water be truly spooky?


24. Liana Tsenova, Patricia Soteropoulos, Dorothy Fallows, Gilla Kaplan, and Selvakumar Subbian, Etanercept Exacerbates Inflammation and Pathology in a Rabbit Model of Active Pulmonary Tuberculosis.

25. Mai Zahran, and Petra Imhof, Dynamics of Spontaneous Flipping of a Mismatched Base in DNA Duplex.

Business


Chemistry

28. Alberto Martínez, Tanzeen Rahman, and Ismaila Sanogo, Novel Cu\textsuperscript{II} Chelating Polyphenols Display Potent Antioxidant Properties and Inhibit Cu\textsuperscript{II}-Induced and Self-Induced Aβ(1-40) Aggregation.


Computer Engineering and Information Systems Technology

30. Ricardo Ferro and Aparicio Carranza, File Server Realization Using the Raspberry Pi.

31. Julio Tax, Aparicio Carranza, and Jose Reyes Alamo, Building a Future in SDN with One Controller.

32. Jain Wu and Aparicio Carranza, Authentication Penetration Testing with Kali Linux.
33. Sundas Zafar and Aparicio Carranza, Penetration Testing Using Kali Linux within VMware Virtual Networks.
34. José M. Reyes Álamo, Aparicio Carranza, and Benito Mendoza, A Combined Model Checking Approach for Extended and Baseline Services.
35. Raffi Khatchadourian, Phil Greenwood, Awais Rashid, Takuya Watanabe, and Hidehiko Masuhara, Fraglight: Shedding Light on Broken Pointcuts in Aspect-Oriented Software.
39. Yu Wang, Farrukh Zia Ohbong Kwon, and Xiaohai Li, Collaborative Teaching - an Effective Strategy in Technology Education.

Engineering Technology

41. Navid Allahverdi, Mahmoud Sepehrmanesh, and Verya Nasri, Tunnel Construction in Urban Settings.

Hospitality

43. Lynda Dias, Glenylis Pineda, and Susan Phillip, Hospitality Students’ Preparedness for 21st Century Careers.
44. Patrick O’Halloran, Technology that Students Find Most Effective in the Classroom, Recommendations for Bridging the Gap and Increasing Student Engagement.

Humanities, Social Sciences and English

45. Jane Mushabac, The Things They Carried.
47. Roxana Delbene, Love in the Time of Cholera: A Reading of Contagion through García Márquez’s Novel.
52. Margaret Rafferty and Michelle Gellar, An Innovative Environmental Clinical Experience in an RN-BS Program.
53. Sean P. MacDonald, From Local to Global: Employing Interdisciplinary and Place-based Research in Teaching Environmental Economics.
54. Suzanne Miller, Frederick (A Musical Adaptation for the Stage).
55. Mary Nilles, Saving Our History, Saving the Klitgord Mosaic.
57. Parvaneh Pourshariati, A Millennium of Coexistence: Diasporic Jewish Communities in Ancient Iran.

Education

58. Alyssa Dana Adomaitis and Diana Saiki, Using Experiential Learning Theory to Teach Textiles in the Age of Fast Fashion.
60. Jill Bouratoglu, Susan Davide, Aida Egues, Jeannette Espinoza, Anne Leonard, Sean MacDonald, Susan Phillip, and Christopher Swift, A Living Lab in Action: Faculty Fellows Promoting Place-Based Learning and High Impact Educational Practices at City Tech.
62. Lisa Pope Fischer, Living Lab Community Based Learning: Looking at the Fulton Mall Gentrification as a Study of Change, Revitalization, and/or Hegemony.
63. Karen Goodlad, “Living Lab” Associate Fellows: Developing Faculty Member’s Connection with General Education Initiatives.
64. Mary Sue Donsky and Students, Our Places: How We Commemorate.
66. Lisette Santisteban and Aida Egues, Strategies beyond Adjunct Faculty Orientation: A Mentoring Toolkit.
67. Loukia Tsafoulia and Severino Alfonso, The Class as a Micrography of the Professional Space: Teamwork and Professional Portfolio Curation.
68. M. Genevieve Hitchings, Kathryn Weinstein, and Dan Wong, Rethinking Design Research: Design Incubation.
69. Maen Caka, Julia Jordan, and Kevin Rajaram, The Improvement of Faculty Commons Website: How Will It Impact User Experience?
70. Maria-Elena Bilello and Anna Matthews, READ Initiative: Assessing Strategies to Improve Reading in Dental Hygiene.
71. Fangyang Shen, Andrew Douglas, and Estela Rojas, NEST: STEM Teacher Education and Research at NYC.
72. Davida S. Smyth and Juanita But, READ: It’s not Just for Biology Students, Let’s Get Microbiology Students Reading Too!
73. Juanita But, READ: A Strategy to Promote Student Success.
74. Lubie G. Alatriste, Teaching Composition through Community-based Learning.
**Mathematics**

75. Andrew Douglas, D. Kahrobaei, and J. Repka, Classification of Embeddings of Abelian Extensions of $D_n$ into $E_{n+1}$.
76. Thomas A. Johnstone, A Natural Strengthening of Kelley-Morse Set Theory.
77. Delaram Kahrobaei, Conjugacy Problem in Polycyclic Groups and Applications in Information Security.
78. Boyan Kostadinov, Simulations of Electoral College: Predicting the Next President.
79. Ariane Masuda, Luciane Quoos, and Benjamin Steinberg, Character Theory of Monoids Over an Arbitrary Field.
80. K. Andrew Parker, Improving Engagement in an Era of High-Stakes Testing.
81. Hans Schoutens, Hochster’s Small MCM Conjecture for Toric Local Rings.
83. Simon M. Smith, A New Product for Permutation Groups.
84. Johann Thiel, Conway’s RATS Sequences.
85. Thomas Tradler, Tensor Products of A-infinity Algebras with Homotopy Inner Products.
86. Lin Zhou, Mesoscopic Modeling and Simulation of Transiently Networked Fluids.

**Physics**

87. Viviana Acquaviva, Distant Galaxies and Big Data.
89. Andrea Ferroglia, Tops and Stops at the Large Hadron Collider.
90. Boris Gelman, Nucleon-Nucleon Cross Sections in Large Nc QCD.
93. Darya Krym and John Estes, Near Horizon Geometry of Intersection M2-M5.
94. Lufeng Leng, A Fiber Figure of Merit for Uncompensated Nyquist-WDM Links Employing EDFA and/or Distributed Raman Amplification.
95. Ariyeh Maller, Jacob Hammer, and Nicholas Miller, Comparison of Simulated Galaxies with Enzo and Ramses.
96. Giovanni Ossola, Higgs Boson Production at the Large Hadron Collider with GoSam2.0.
97. Justin Vázquez-Poritz and Zhibai Zhang, Black Rings in Supergravity.
98. Vasiliiy S. Znamenskiy, What are Basic Physics Ideas, Which Can Be Interpreted Non-Mathematically?