Program of Poster Session

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.
3. Lia Dikigoropoulou, Tim Maldonado, and Ken Conzelmann, SARA/NY Special Design Awards.
4. Michael Duddy and Jason Montgomery, Designing the Waterfront: Community Engagement and Implementation.
5. Paul C. King, The D & H Canal and Roebling Before the Bridge.
6. Alexander Aptekar and Barbara Smith Mishara, Innovation and Collaboration: Solar Decathlon 2015.
7. Jason Montgomery, Jeffrey Burden, and Elizabeth Macaulay Lewis, Endangered Architecture: High Status Courtyard Houses of 19th Century Ottoman Syria.
8. Sanjive Vaidya and Tasnuva Ahmed, Mosquitos and Materials: Building Construction in Developing Regions.
9. Anne Leonhardt and Yuliya Zavolunova, Understanding Parametrics through Mathematical Approaches in Architecture.

Biology and Health Sciences

10. Mercer R. Brugler, Nadia S. Bahadur, Alexandria D. Tricoche, Dennis M. Opresko, Estefania Rodriguez, Jim Drewery, Scott C. France, and Vonda Wareham, A Nuclear Intron Reveals Population-Level Variation Within Deep-Sea Black Corals (Cnidaria: Anthozoa: Hexacorallia: Antipatharia).
11. Susan Davide and Marilyn Cortell, Dental Hygiene Patients' Willingness to Undergo HIV Testing.
12. Mery Diaz, Soyeon Cho, and Christine Thorpe, Understanding the Impact of the Affordable Care Act: Facilitating Access to Healthcare for Low-Income Elderly Minority Women.
13. Aida L Egues, Elaine Z. Leinung, and Lisette Santisteban, Shaping Community Health: Bundling High-Impact Educational Practices.
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.

16. G. L. Sullivan, S. Louis, F. Ozen, L. Karthikeyan, R.E. Gordon, and S. M. Lipson, Anti-Rotavirus Activity of Soluble Flavonoids (Glycosyl Hesperitin And Epigallocatechin Gallate) in Cell-Free Suspension and Cell Culture.

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

18. Jeremy Seto, Jose Moreno, Brittiny Dhital, James-David Brown, and Javier Gonzalez-Maeso, Network Analysis of Gene Expression Changes in Maternal Immune Activation Models of Schizophrenia.

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?

23. Carol Thomas, Facilitating Clinical Decision Making Skills Using Concept Maps.

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

26. Jierong Cheng and Yaw M. Mensah, A Methodology for Assessing Grade Inflation in Accounting Courses.

27. Paul Salisbury, Green Targets: People Who Buy Organic Food – a Customer Acquisition Challenge.

Chemistry

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

29. D. Samaroo, and N. A. O'Connor, A. Abugharbieh, F. Yasmeen, E. Buabeng, S. Mathew, and H.-P. Cheng, Dextran–Polyallylamine Antibacterial Hydrogels.

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.
36. Preeti Gurung, Implementation of Web Hosting on Virtual Machine and Introduction to Tomcat and Glassfish Application Server and Their Comparison.
37. M. Pinto and M. Hasan, Mobile Diagnostic Expert System.
38. Ashwin Satyanarayana, Intelligent Sampling for Big Data.
39. Yu Wang, Farrukh Zia Ohbong Kwon, and Xiaohai Li, Collaborative Teaching - an Effective Strategy in Technology Education.
40. Farrukh Zia and Maria Vanegas, Wireless Sensor Network (WiSeNet) Development Framework.

Engineering Technology

41. Navid Allahverdi, Mahmoud Sepehrmanesh, and Verya Nasri, Tunnel Construction in Urban Settings.
42. Angran Xiao, Multidisciplinary Decision-Making Methods in an Information-Driven Product Development Framework.

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.
46. Kylie Garcelon, Joanne Jacus, and Sandra Cheng, The Art of Food: A Learning Community between Hospitality and Humanities.
47. Roxana Delbene, Love in the Time of Cholera: A Reading of Contagion through García Márquez's Novel.
48. Bronwen Densmore, Grassroots Aerial Mapping in Social and Environmental Research.
49. Jason W. Ellis, Transformations of "Cyberspace" Across Media: Print, Video Game, and Early eBook.
50. Kylie Garcelon, "GLUTENY": A Narrative Art Film Exploring Contemporary Social Food Movements and Behavior.
51. Annie Ngana-Mundeke, Ebola Outbreak and African Leaders' Responses to Ebola Crisis following President Obama's address to the African Heads of States at the United Nations in September 2014.
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.
56. Mark J. Noonan, City of Print: New York and the Periodical Press from the Antebellum Era to the Digital Age.
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.
59. Severino Alfonso and Loukia Tsafoulia, The Digital Poem Initiative: Co-curricular Learning, Experiential and Service.
60. Jill Bouratoglou, 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.
61. Karen Goodlad, Jonas Reitz, Mary Sue Donsky, Alexander Aptekar, Sandra Cheng, Charlie Edwards, and Maura Smale, Creating a Living Laboratory: Revitalizing High Impact General Education at a 21st Century College of Technology.
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.
65. Jill Belli, Charlie Edwards, M. Genevieve Hitchings, Jonas Reitz, Jody R. Rosen, and Jenna Spevack, A Community of Thought: Research and the OpenLab.
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.
82. Satyanand Singh, An Evaluation of "Skewed Integrals" via Substitution.
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.
88. Oleg L. Berman, Roman Ya. Kezerashvili, and Yurii E. Lozovik, Graphene Nanoribbon Based Spaser.
89. Andrea Ferroglia, Tops and Stops at the Large Hadron Collider.
90. Boris Gelman, Nucleon-Nucleon Cross Sections in Large Nc QCD.
91. Ilya Grigorenko, Roman Ya. Kezerashvili, On the Existence of Superfluidity between Two Critical Temperatures.
92. German V. Kolmakov, Oleg L. Berman and Roman Ya. Kezerashvili, New Nanophotonic Devices for Optical and Quantum Computing.
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. Vasiliy S. Znamenskiy, What are Basic Physics Ideas, Which Can Be Interpreted Non-Mathematically?
99. Manas Kulkarni, Bose Einstein Condensate in a Cavity: Phase transitions and non-Hermiticity.
100. Roman Ya. Kezerashvili, Shalva Tsiklauri, Few Body Kaonic Nuclei.