Program

Morning session (Atrium Amphitheater)

10:00AM Welcome by Dean K. Botchway, Ass. Provost P. Brown, Dean B. Grumet.

10:15AM Prof. Anne Zissu, Longevity Risk, Life Expectancy, Financial Products And Molecules

11:15AM Prof. Benjamin Shepard, The Battle of Brooklyn: World City and Space of Neighborhoods

Lunch (12:00PM-1:00PM, Faculty Lounge, A632)
Afternoon sessions

Mathematics (N718)  Chair: C. Calinescu

1:00PM  Boyan Kostadinov, A Computer Simulation Model for the Spread of Swine Flu Pandemic
1:30PM  Satyanand Singh, A Fifth Way to Skin a Definite Integral
2:00PM  Thomas Johnstone, Set theory without power set--should we add the collection axiom?
2:30PM  Andrew Parker, The Euler Class Group: An Algebraic Obstruction Theory for Projective Modules
3:00PM  Ariane Masuda, Rational Functions with Linear Relations
3:30PM  Urmi Ghosh-Dastidar, Graph Partitioning and Bio-Diversity of the Hudson River

Physics (N716)  Chair: G. Ossola

1:00PM  Boris Gelman, Strong force in quantum chromodynamics with a large number of colors
1:30PM  Ilya Grigorenko, Fractal nanostructures with Hilbert curve geometry as a SERS substrate
2:00PM  Justin Vazquez-Poritz, String Theory and Nonrelativistic Field Theories
2:30PM  Oleg Berman, Superfluidity of dipolar excitons in two-layer gapped graphene
3:00PM  Viviana Acquaviva, The nature of Dark Energy
3:30PM  German Kolmakov, Nonlinear dynamics of a polariton Bose-Einstein condensate

Biology/Chemistry (N700)  Chair: D. Smyth

1:00PM  Jeremy Seto, Reflections on a Silent Spring in an Urban Environment
1:30PM  Peter Spellane, Old maps, new technologies: discovering sulfuric acid and petroleum at Newtown Creek
2:00PM  Vasily Kolchenko, Viruses in the Beam of Light: Detecting the Smallest Single RNA Viral Particle by Whispering Gallery-Mode Biosensor
2:30PM  Alberto Martinez, Searching for New Chemotherapies against Tropical Diseases
3:00PM  Diana Samaroo, Porphyrins as Potential PDT Photosensitizers
3:30PM  Liana Tsenova, A Computer Simulation Model for the Spread of Swine Flu Pandemic

Computer syst. & tech. (N521)  Chair: I. Heng

1:00PM  Evan Siegel, Algorithmically Generated Test Generator Using Visual Basic for Applications
1:30PM  Benito Mendoza, Emergence: A biologically inspired computing model
2:00PM  Iem Heng, Using Quaternions and OpenGL to Create 3D Object Fluid Movement
2:30PM  Marcos Pinto, A network of neurons to predict stock prices
3:30PM  Junior Tidal, From Open Source to On Your Phone: Using Drupal to Develop the Library’s Mobile Website
Architecture (N619)  Chair: I. Azaroff
1:00PM  Jason Montgomery and Jeffrey Burden, The Empire State Building as a Case Study Laboratory
1:30PM  Jill Bouratoglou and Lia Dikigoropoulou, Connecting Our Students to the Outside World: Using Online Reviewers and Student Blogs in the Classroom
2:00PM  Paul King, Disaster Recovery and Resilient Design in Coney Island
2:30PM  Barbara Mishara, Systems of Organization to Enhance Student Learning
3:00PM  Illya Azaroff, Designing for Disaster: High Density Disaster Response
3:30PM  Esteban Beita, Obscured Boundaries: from traditional to contemporary Japanese architecture

Social Sciences (N606)  Chair: A. Delikan
1:30PM  Fangxia Lin, Extreme Dependence across East Asian Financial Markets: Evidence in Equity and Currency Markets
2:00PM  Geoff Zylstra, Stretching Time, Collapsing Space: New Jersey Market Gardeners Use Technology to Control Production, 1838-1876
2:30PM  Sean MacDonald, Evaluating the Relative Effectiveness of Loan Modification Programs in Reducing Foreclosure Rates: 2008 - 2012
3:00PM  Keith Muchowski, Preserving Union: Voluntary Organizations in Civil War New York
3:30PM  Maura Smale, I could study anywhere, as long as I could sit I’ll study: The Scholarly Ecosystem of CUNY Students

Dentistry (N522)  Chair: R. Budny
1:30PM  Marilyn Cortell and Susan Davide, Knowledge and Attitudes of HIV Among Senior Dental Hygiene Students
2:00PM  Anty Lam, Dental Hygiene and Psychological Well-Being, Is There A Relationship?
2:30PM  Ashley Grill, Lack of Consensus in Terminology Affecting Periodontal Diagnosis
3:00PM  Anna Matthews, Disintegration of Function in Adolescents and Young Adults with Down Syndrome
3:30PM  Renata Budny, Fellowship case study: Gnathology implementation in full mouth reconstruction

Business (N705)  Chair: L. Bernard
1:30PM  Lucas Bernard, Wage-share Dynamics: implications for growth and policy in advanced economies, world markets, and global competition
2:00PM  Paul Salisbury, Targeting Greens: A Customer Acquisition Challenge
2:30PM  Jierong Cheng, Comparison of Principles-Based and Rules-Based Accounting Standards on Transparency
**Engineering (N519)**  
Chair: O. Yasar

1:30PM **Ozlem Yasar**, Design and Fabrication of Nutrient Delivery Networks in Tissue Constructs  
2:00PM **Masato Nakamura**, Energy and Environmental Simulation for New York City  
2:30PM **Malek Brahimi**, A New Technique to Improve the Strength of a Two Force Member Made of Composite Material  
3:00PM **Zory Marantz**, On the optimality of network assisted power control for a general class of sigmoid functions

**Education (N500)**  
Chair: A. Mehrotra

1:30PM **Patrick O'Halloran**, E-Learning As It Relates To Students Educators And Job Opportunities In The Hospitality Industry  
2:00PM **Amit Mehrotra**, Assessing Hospitality Program Outcomes – A Model Using Alumni Perceptions  
2:30PM **Mery Diaz**, Advancing Interdisciplinary Collaboration between School Social Workers and Teachers in Urban Schools  
3:00PM **Susan Brandt**, Mentoring across Disciplines

**English (N617)**  
Chair: R. Ferdinand

1:30PM **Jill Belli**, Drafting Happiness: The Rhetoric of Resiliency in the United States Army Comprehensive Soldier Fitness Program  
2:00PM **Laura Westengard**, VampireFantasy: Neoliberalism and the Undead in Post-9/11 Popular Culture  
2:30PM **Renata Ferdinand**, Things I Tell My Daughter: An Auto-Ethnographic Mother-Writing  
3:00PM **Rebecca Devers**, Cozying Up with the Cold War: Articulating a Theory of Atomic Age Domestic Space  
3:30PM **Sean Scanlan**, Domestic Constructions and Global Ethics in Recent World Literature Novels

**Nursing & Health (N517)**  
Chair: N. Rodriguez

1:30PM **Noemi Rodriguez**, Evaluating the impact of online instruction on lifelong learning skills  
2:00PM **Margaret Rafferty**, Vitamin D Implications of the Institute of Medicine Report for Clinical Practice  
2:30PM **Sondra Rivera** and **Anthony Devito**, Nursing and Radiologic Technology, The Final Interdisciplinary Collaborative  
3:00PM **Jennett Ingrassia**, Effective Radiography Clinical Instructor Characteristics
Organizing Committee

Arts and Science, Research and Grants
(Dean Karl Botchway)

Hans Schoutens (chair)

Alexander Rozenblyum (MATH)
   Ann Delilkan (HU)
   Andrea Ferroglia (PHYS)
   Andrew Douglas (MATH)
   Anna Do (ENG)
   Annette Saddik (ENG)
   Corina Calinescu (MATH)
   Davida Smyth (BIO)
   Delaram Kahrobaei (MATH)
   Eric Rodriguez (SS)
   Giovanni Ossola (PHY)
   Laura Ghezzi (MATH)
   Maria Flaherty (BIO)
   Oleg Berman (PHYS)
   Simon Smith (MATH)
   Thomas Tradler (MATH)
   Tony Nicolas (CHEM)
   Tshombe Walker (AFR)
   Zhao Chen (MATH)