

## **12th Annual Graduate Student Research Symposium Schedule**

**BREAKFAST – 9:30**

**OPENING REMARKS – DEAN SERGIO FANTINI – 9:55**

**PEARSON 104: 10:05-11:05**

**“The Grammar of Comics”**

**Neil Cohn, Psychology Department**

**“Eighth-Century Iconoclasm at the Complex of St. Stephen, Umm al-Rasas, Jordan:  
A Case Study of the Cultural Interactions between Christians, Jews, and Muslims”**

**Ashley Beer Laverock, Art History Department**

**“Disconnecting the Battle of Ideas from the Battle of Arms: Leadership, Strategy,  
and Ideology in the New al-Qa’ida”**

**Erik Iverson, Fletcher School of Law and Diplomacy**

**PEARSON 106: 10:05-11:05**

**“Data Structures for Restricted Planar Simplex Emptiness and Reporting Queries”**

**Mashhood Ishaque, Computer Science Department**

**“Investigating Cancer Progression of Cells in 3D Matrix with Non-Invasive  
Fluorescent Imaging”**

**Joanna Xylas, Biomedical Engineering Department**

**“Increasing User-Friendly Interface Design in a Non-Complex Household  
Thermometer”**

**Greg Meyerhoff, Mechanical Engineering Department**

**PEARSON 104 – 11:10-12:10**

**“Nation-Wide Colleges and Universities’ Sustainability Efforts: Comparisons of the  
Greenhouse Gas Emission Inventories and the Lessons They Teach”**

**Luba Zhaurova, Urban and Environmental Policy and Planning Department**

**“Asthma in Connecticut Schools: An examination of the effect of proximity to major  
roads on asthma prevalence to evaluate statistical variations of three different  
geocoding methodologies.”**

**Kevin Lane, Urban and Environmental Policy and Planning Department**

**“The Yellow Earth Becomes the Yellow Dragon: Eco-consciousness in the Theatre of 1980s China.”**

**Heather Phillips, Drama and Dance Department**

**PEARSON 106 – 11:10-12:10**

**“Plant Survivorship on an Extensive Green Roof in Massachusetts”**

**Colleen Butler, Biology Department**

**“Absolute and Relational Control of a Sequential Auditory Discrimination by Pigeons”**

**Matthew Murphy, Psychology Department**

**“Silk biomaterials for sustained, controlled adenosine release: therapeutic potential for epilepsy”**

**Eleanor Pritchard, Biomedical Engineering Department**

**LUNCH – 12:10-1:15**

**PEARSON 104 – 1:15-2:15**

**“Floods and Monsters Are on the Way: *The Red Lantern* in Taipei and Its Aftermath”**

**Wen-ling Lin, Drama Department**

**“The Aura of the Dead”**

**Katie Harvey, Music Department**

**“What the Folk Printed: Verse Culture and the Black Press in 1865”**

**Laurel Hankins, English Department**

**PEARSON 106 – 1:15-2:15**

**“The Modification of TiO<sub>2</sub> by Iron (III) Doping Investigated by Sum Frequency Generation Vibrational Spectroscopy Using Methanol as a Molecular Probe”**

**Nkeng Asong, Chemistry Department**

**“Emotional Modulation of Memory: The role of the limbic system”**

**Kathryn Handwerger, Psychology Department**

**Study on Preschool Teachers**  
**Iris Ponte, Child Development Department**

**PEARSON 104 – 2:20-3:20**

**“Deblurring Images with Mathematical Models”**  
**Malena Espanol, Mathematics Department**

**“Economic Experiments in Virtual Worlds”**  
**Stephen Atlas, Economics Department**

**“Latter Day Drama: ‘Worthy of Imitation’”**  
**Callie Oppedisano, Drama Department**

**PEARSON 106 – 2:20-3:20**

**Study on Institutionalized Rearing**  
**Maryna Vashchenko, Child Development Department**

**“Stochastic linear programming for improved reservoir operations for multiple objectives in Burkina Faso, West Africa”**  
**Derek Etkin, Civil and Environmental Engineering Department**

**“Male Sexual Orientation is Perceived Rapidly and Automatically from the Face”**  
**Nicholas Rule, Psychology Department**

**LATE AFTERNOON BREAK – 3:20-3:40**

**CLOSING REMARKS AND AWARDS – DEAN LYNNE PEPALL – 3:45**

