ANNOUNCEMENT OF 2013 AWARDS
Institutional Support of Research and Creativity Grants
Teaching and Learning with Technology Grants

The Office of Academic Affairs of the New York Institute of Technology is pleased to announce the award of twenty-four competitive Institutional Support of Research and Creativity Grants and Teaching and Learning with Technology Grants to the following NYIT faculty members in 2013, in support of research and creative endeavors:

**Tobi A. Abramson, Ph.D.**, Director and Assistant Professor, Mental Health Counseling; Principal Investigator
**Lorraine L. Mongiello, Dr.P.H.**, Assistant Professor, Clinical Nutrition; Co-Principal Investigator
**ISRC Grant: Intergenerational Community Garden.**

**Beth E. Adubato, Ph.D.**, Assistant Professor, Behavioral Sciences; Principal Investigator
**ISRC Grant: Second City: A Replication of a Media and Domestic Violence Study.**

**Matthias Altwicker, B.Arch., RA, LEED AP**, Associate Professor and Chairperson, Architecture; Principal Investigator
**Nicholas Dagen Bloom, Ph.D.**, Associate Professor and Chairperson, Social Sciences; Co-Principal Investigator
**ISRC Grant: Standing Tall: Exhibition, Catalog and Public Programs for The Museum of the City of New York.**

**Kiran S. Balagani, Ph.D.**, Assistant Professor, Computer Science; Principal Investigator
**Paolo Gasti, Ph.D.**, Assistant Professor, Computer Science; Co-Principal Investigator
**ISRC Grant: Privacy-Preserving Continuous Authentication of Smartphone Users Using Hand-Orientation.**

**Carol A. Dahir, Ed.D.**, Professor and Chairperson, School Counseling; Principal Investigator
**Youjeong Kim, Ph.D.**, Assistant Professor, Communication Arts; Co-Principal Investigator
**Megyn L. Shea, Ph.D.**, Assistant Professor, School Counseling; Co-Principal Investigator
**ISRC Grant: Using Avatar Applications and Virtual Reality to Empower K-12 Students’ Problem Solving.**

**Aydin Farajidavar, Ph.D.**, Assistant Professor, Electrical and Computer Engineering; Principal Investigator
**Satasha L. Green, Ph.D.**, Dean and Associate Professor, Education; Co-Principal Investigator
**ISRC Grant: Continuous Monitoring and Educating Children With Autism.**

**Karen Friel, P.T., D.H.S.**, Associate Professor and Chairperson, Physical Therapy; Principal Investigator
**TLT Grant: Development of e-Books to Integrate Essential Course Materials in the Physical Therapy Curriculum.**

**Farzana Gandhi, M.Arch., LEED AP**, Assistant Professor, Architecture; Principal Investigator
**Jason Van Nest, M.Arch., RA**, Assistant Professor, Architecture; Co-Principal Investigator
**Michael Hadjiargyrou, Ph.D.**, Professor and Chairperson, Life Sciences; Co-Principal Investigator
**ISRC Grant: SodaBIBs (Bottle Interface Bracket System; [www.sodabib.org](http://www.sodabib.org)): Design-Build Prototypical Recycling Stations for NYIT.**

**Paolo Gasti, Ph.D.**, Assistant Professor, Computer Science; Principal Investigator
**Wei Ding, Ph.D.**, Assistant Professor, Computer Science; Co-Principal Investigator
**ISRC Grant: Privacy-Preserving Estimation of Password Strength.**
Jennifer L. Griffiths, Ph.D., Associate Professor, English; Principal Investigator  
ISRC Grant: Violence and Black Youth in Post-Civil Rights U.S. (Edited Volume).

Huanying Gu, Ph.D., Associate Professor, Electrical and Computer Engineering; Principal Investigator  
ISRC Grant: Auditing UMLS Semantic Type Assignment Using SNOMED CT.

Mark J. Gugliotti, P.T., D.P.T., Assistant Professor, Physical Therapy; Principal Investigator  
Robert V. Hill, Ph.D., Associate Professor and Chairperson, Anatomy; Assistant Dean, Academic Affairs; Co-Principal Investigator  
Bennett Futterman, M.D., Assistant Professor, Anatomy; Co-Principal Investigator  
ISRC Grant: Can An Alternative Passive Position of the Upper Extremity be Performed to Elicit a Similar Response of Ulnar Nerve Tension Bias When Compared to a Traditional Orthopedic Manual Therapy Maneuver?

Michael Hadjiargyrou, Ph.D., Professor and Chairperson, Life Sciences; Principal Investigator  
Eduard I. Dedkov, M.D., Ph.D., Assistant Professor, Biomedical Sciences; Co-Principal Investigator  
ISRC Grant: Does Mustn1 Regulate Skeletal Muscle Development?

Tobias Holler, M.Arch., AIA LEED AP, Assistant Professor, Architecture; Principal Investigator  
Georg Fuerlinger, Ph.D., Adjunct Professor, Management; Co-Principal Investigator  
ISRC Grant: BuckyFarm at Welwyn.

Hossein Kashani, M.S., Associate Professor, Electrical Engineering Technology; Principal Investigator  
Yuko Oda, M.F.A., Associate Professor, Fine Arts; Co-Principal Investigator  
Robert Michael Smith, M.F.A., Associate Professor, Fine Arts; Co-Principal Investigator  
Joanne L. Scillitoe, Ph.D., Associate Professor, Management; Director, Center for Entrepreneurial Studies; Co-Principal Investigator  
Lynn Rogoff, M.F.A., Adjunct Professor, Communication Arts; Co-Principal Investigator  
Sarah McPherson, Ed.D., Associate Professor and Chairperson, Instructional Technology; Co-Principal Investigator  
ISRC Grant: Cross-Disciplinary Development Learning Application Based on Virtual Ecosystems of Endangered Species.

Kevin LaGrandeur, Ph.D., Associate Professor, English; Principal Investigator  
ISRC Grant: The Philosophical Roots of Moral Machines.

Fang Li, Ph.D., Assistant Professor, Mechanical Engineering; Principal Investigator  
Tao Zhang, Ph.D., Associate Professor, Electrical and Computer Engineering; Co-Principal Investigator  

Raja Nag, Ph.D., Professor, Finance; Principal Investigator  
Ravichandran Krishnamurthy, Ph.D., Assistant Professor, Finance; Co-Principal Investigator  
Gantasala V. Prabhakar, Ph.D., Assistant Professor, Management; Co-Principal Investigator  
ISRC Grant: CO₂ Mitigation in UAEs Power Sector -- Solar Augmentation as a Viable Solution: A Cost-Benefit Analysis.

Eleni Nikitopoulos, Ph.D., Assistant Professor, Life Sciences; Principal Investigator  
Ana G. Petrović, Ph.D., Assistant Professor, Life Sciences; Co-Principal Investigator  
ISRC Grant: The Chemistry of Behavior: Analysis of Primate Pheromones across the Ovulatory Cycle.
Ana G. Petrović, Ph.D., Assistant Professor, Life Sciences; Principal Investigator
Niharika Nath, Ph.D., Associate Professor, Life Sciences; Co-Principal Investigator
ISRC Grant: Structure-Activity Elucidation of Chiral Medicinal Natural Products.

Emily B. Restivo, Ph.D., Assistant Professor, Behavioral Sciences; Principal Investigator
ISRC Grant: What Variables Moderate the Effect of Formal Punishment on Future Behavior?

Lisa M. Runco, Ph.D., Assistant Professor, Life Sciences; Principal Investigator
ISRC Grant: Synthetic Biology Based ‘Re-Coding’ of a Bacterial Toxin - Working towards a Diarrhea Vaccine.

Megyn L. Shea, Ph.D., Assistant Professor, School Counseling; Principal Investigator
Robert S. Rotunda, Ed.D., Adjunct Professor, School Counseling; Co-Principal Investigator
TLT Grant: Evaluating the Impact of an Online Supervision Training Module.

Sabiha Wadoo, Ph.D., Assistant Professor, Electrical and Computer Engineering; Principal Investigator
ISRC Grant: Control of Freeway Traffic using Wireless Cellular Networks.