



NEW YORK INSTITUTE OF TECHNOLOGY

*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 2012
in support of their research and other creative endeavors:*

Tobi A. Abramson, Ph.D., Assistant Professor, Family Medicine; Principal Investigator
Martha Jo Siegel, M.S., Associate Professor, Chair, Interior Design; Co-Principal Investigator
Stories Construct Designs: An Intergenerational and Multidisciplinary Approach To Keeping Seniors In Their Homes.
ISRC Grant: \$5,996.

Matthias Altwicker, B.Arch., A.I.A. L.E.E.D. A.P., Associate Professor, Architecture; Principal Investigator
Tobias Holler, M.Arch., A.I.A. L.E.E.D. A.P., Assistant Professor, Architecture; Co-Principal Investigator
Joanne L. Scillitoe, M.B.A., Ph.D., Associate Professor, Management; Consultant
sLAB-LI: Sustainable Affordable Housing Design-Build for Long Island.
ISRC Grant: \$24,864.

Kiran S. Balagani, Ph.D., Assistant Professor, Computer Science; Principal Investigator
Blair J. Hoplight II, Ph.D., Assistant Professor, Behavioral Sciences; Co-Principal Investigator
Farshid Delgosh, Ph.D., Assistant Professor, Electrical and Computer Engineering; Co-Principal Investigator
Privacy-Preserving and Situation-Aware Continuous User Authentication with Keystroke Patterns.
ISRC Grant: \$10,514.

Babak D. Beheshti, M.S., Associate Professor, Computer and Electrical Engineering Technology; Principal Investigator
Lisa M. Runco, Ph.D., Assistant Professor, Life Sciences; Co-Principal Investigator
Raddy L. Ramos, Ph.D., Assistant Professor, Neuroscience & Histology, NYCOM; Co-Principal Investigator
Development of the I-TRM for Wireless Sensor Networks in Support of Medical Data Acquisition and Management.
ISRC Grant: \$6,505.

Xiaohui Cui, Ph.D., Assistant professor, Computer Science; Principal Investigator
Charles Pavia, Ph.D., Associate Professor, Biomedical Sciences, NYCOM; Consultant
Bio-threat Early Detection through Social Media Data Mining.
ISRC Grant: \$7,009.

Carol A. Dahir, Ph.D., Professor, Education; Chair, Counseling; Principal Investigator
Kate E. O'Hara, Ph.D., Assistant Professor, Education; Co-Principal Investigator
Youjeong Kim, Ph.D., Assistant Professor, Communication Arts; Co-Principal Investigator
Summer S. Bendfelt, Ph.D., N.C.C., Assistant Professor, Education; Co-Principal Investigator
Advancing Awareness with Avatars: Using Virtual Characters to Combat Bullying in Schools.
ISRC Grant: \$5,922.

Elaine Della Vecchia, Ph.D., Assistant Professor, Nursing; Co-Principal Investigator
Lisa Sparacino, M.S., R.N., C.C.R.N., Instructor, Nursing; Co-Principal Investigator
Using SBAR Competencies to Enhance Students' Knowledge and Attitudes Regarding the Need for Quality and Safety.
ISRC Grant: \$840.

Wei Ding, Ph.D., Assistant Professor, Computer Science; Principal Investigator
Ely Rabin, Ph.D., Assistant Professor, Neuroscience & Histology, NYCOM; Co-Principal Investigator
Ziqian Dong, Ph.D., Assistant Professor, Electrical and Computer Engineering; Co-Principal Investigator
William Werner, Ph.D., Associate Professor, Physical Therapy; Co-Principal Investigator
Integration of Active and Passive Approaches in Autonomous Navigation Systems for the Blind.
ISRC Grant: \$9,480.

Ziqian Dong, Ph.D., Assistant Professor, Electrical and Computer Engineering; Principal Investigator
Wei Ding, Ph.D., Assistant Professor, Computer Science; Co-Principal Investigator
Ely Rabin, Ph.D., Assistant Professor, Neuroscience & Histology, NYCOM; Co-Principal Investigator
William Werner, Ph.D., Associate Professor, Physical Therapy; Co-Principal Investigator
Body Area Sensor Network for Posture Detection – Assistive Rehabilitation System for Parkinson's Disease Patients.
ISRC Grant: \$21,542.

Rosemary Gallagher, P.T., D.P.T., Assistant Professor, Physical Therapy; Principal Investigator
Comparison of Lower Extremity Kinematic Patterns in Individuals with Parkinson's Disease During Stationary Upright and Semi-Reclined Cycling.
ISRC Grant: \$7,570.

Jonathan E. Goldman, Ph.D., Assistant Professor, English; Principal Investigator
The Culture of Trademark and Essay for The Cambridge Companion to Ulysses.
ISRC Grant: \$10,571.

Ellen Greer, Ph.D., Assistant Professor, Occupational Therapy; Chair, Occupational Therapy; Principal Investigator
Anthony Errichetti, Ph.D., Professor, Chair, Virtual Medicine, NYCOM; Co-Principal Investigator
Telerehabilitation with the Standardized Patient: Strengthening Occupational Therapy Evaluation and Intervention Competencies.
TLT Grant: \$6,696.

Huanying Gu, Ph.D., Associate Professor, Computer Science; Principal Investigator
Enhancing the Performance for a Group of SNOMED Auditors.
ISRC Grant: \$3,505.

David Hogsette, Ph.D., Associate Professor, English; Principal Investigator
The Mythopoeic Voice of Reason: Exploring Postmodern Subjectivity and Ethical Dualism in High Fantasy Literature.
ISRC Grant: \$7,009.

Tobias Holler, M.Arch., A.I.A. L.E.E.D. A.P., Assistant Professor, Architecture; Principal Investigator
Sarah J. Meyland, M.S., J.D., Associate Professor, Environmental Technology; Co-Principal Investigator
Tropical Ecologies: Research-Driven Design-Build for Costa Rica.
ISRC Grant: \$22,771.

Blair J. Hoplight II, Ph.D., Assistant Professor, Behavioral Sciences; Principal Investigator
Raddy L. Ramos, Ph.D., Assistant Professor, Neuroscience & Histology, NYCOM; Co-Principal Investigator
Characterization of the Effect of Neocortical Heterotopias on Behavior in the C57/B6 Mice.
ISRC Grant: \$11,045.

Kevin LaGrandeur, Ph.D., Associate Professor, English; Principal Investigator
Dean Olsen, M.D., NYCOM; Consultant.
Food Poisoning and Death in Shakespeare's Circle.
ISRC Grant: \$4,405.

Jong Beom Lee, Ph.D., Assistant Professor, Mechanical Engineering; Principal Investigator
Strain-Rate Material Characterization of the Abdominal Solid Organs Based on Experimental Test Data.
ISRC Grant: \$7,009.

Niharika Nath, Ph.D., Associate Professor, Life Sciences; Principal Investigator
Apoptotic Pathways Mediated by Novel NOSH Compounds in Human Cancer Cells.
ISRC Grant: \$16,799.

Emily Restivo, Ph.D., Assistant Professor, Behavioral Sciences; Principal Investigator
What Variables Mediate the Effect of Formal Punishment on Future Behavior?
ISRC Grant: \$3,505.

Joanne L. Scillitoe, Ph.D., Associate Professor, Management; Principal Investigator
Kevin O'Sullivan, D.Sc., Associate Professor & Chair, Management Science; Co-Principal Investigator
Marta A. Panero, Ph.D., Adjunct, Electrical and Computer Engineering; Co-Principal Investigator
The Role of Alumni Attachment on University Technology Transfer.
ISRC Grant: \$3,987.

Jason Van Nest, M.Arch., R.A., Associate Professor, Architecture; Principal Investigator
Wei Ding, Ph.D., Assistant Professor, Computer Science; Co-Principal Investigator
Skyscraper Optimizing Program.
ISRC Grant: \$14,414.

William Werner, Ph.D., Associate Professor, Physical Therapy; Principal Investigator
Ziqian Dong, Ph.D., Assistant Professor, Electrical and Computer Engineering; Co-Principal Investigator
Wei Ding, Ph.D., Assistant Professor, Computer Science; Co-Principal Investigator
Ely Rabin, Ph.D., Assistant Professor, Neuroscience & Histology, NYCOM; Co-Principal Investigator
Motorized Walker to Deliver Haptic Speed Cues to Improve Gait of People with Parkinson's Disease.
ISRC Grant: \$11,395.

Jueman Zhang, Ph.D., Assistant Professor, Communication Arts; Principal Investigator
Hui-Yin Hsu, Ph.D., Associate Professor, Education; Co-Principal Investigator
Shiang-Kwei Wang, Ph.D., Associate Professor, Education; Co-Principal Investigator
Health Learning in a Virtual Environment: An Experimental Investigation Using Physiological Measurements.
ISRC Grant: \$26,635.