

ANNOUNCEMENT OF 2025 AWARDS

**Institutional Support of Research and Creativity Grants
and
Teaching and Learning with Technology Grants**

The Office of Academic Affairs of New York Institute of Technology is pleased to announce the award of twenty-two competitive ***Institutional Support of Research and Creativity Grants*** and ***Teaching and Learning with Technology Grants*** to the following NYIT faculty members in 2025, in support of their research and creative endeavors:

Mamtaj Akter, Ph.D., Assistant Professor, Computer Science, Principal Investigator
ISRC Grant: *TruthTide: Leveraging Community Oversight to Combat Misinformation Spreading on Social Media*

Robert Alexander, Ph.D., Assistant Professor, Psychology and Counseling, Principal Investigator
TLT Grant: *Identifying the Strategies Taught by Radiologists Across the Globe*

Karrer Alghazali, Ph.D., Assistant Professor, Bioengineering, Principal Investigator
ISRC Grant: *Development of a Biodegradable Multi-Structural 3D Scaffold with Integrated Fiber Optic Features for Enhanced Tissue Regeneration*

N. Sertac Artan, Ph.D., Associate Professor, Electrical & Computer Engineering, Principal Investigator
ISRC Grant: *Hyper scanning for Quantifying the Quality of Teacher-Student Interactions for Learning*

Lissi Athanasiou-Krikelis, Ph.D., Associate Professor, English, Principal Investigator
ISRC Grant: *Book Project on Metafiction*

Houwei Cao, Ph.D., Associate Professor, Computer Science, Principal Investigator
ISRC Grant: *Multimodal Emotion Recognition Using Transfer Learning and Generative Models on Distributed Agents*

Melissa DiMartino, Ph.D., Associate Professor, Psychology & Counseling, Principal Investigator
ISRC Grant: *The Impact of Smartphone Use on Course Comprehension and Psychological Well-Being in the Middle School Classroom*

Beth Elenko, Ph.D., Associate Professor, Occupational Therapy, Principal Investigator
ISRC Grant: *Watch ME Grow: Parenting Developmental Monitoring Program*

Colleen Kirk, D.P.S., M.B.A., M.I.M., Professor, Management & Marketing, Principal Investigator
ISRC Grant: *FROM ME TO MINE: UNRAVELING THE LINK BETWEEN NARCISSISM AND TERRITORIAL CLAIMS*

Feng Han, Ph.D., Assistant Professor, Mechanical Engineering, Principal Investigator
ISRC Grant: *Machine Learning-Based Control of Underactuated Robots under Impact Disturbance*

Xueqing Huang, Ph.D., Associate Professor, Computer Science, Principal Investigator
ISRC Grant: *Demographics-driven Charging Behavior and Demand Prediction*

Nayoung Kim, Ph.D., Assistant Professor, Psychology & Counseling, Principal Investigator
ISRC Grant: *Barriers and Resources for Navigating Cultural Factors in Group Work* Principal Investigator

William Letsou, Ph.D., Assistant Professor, Biological & Chemical Sciences, Principal Investigator
ISRC Grant: *A search for shared patterns of genetic variation underlying heterogeneous prostate cancer risk in men of African ancestry in the All of Us Research Program*

Amerigo Rossi, Ed.D., Associate Professor, Interdisciplinary Health Sciences, Principal Investigator
ISRC Grant: *Feasibility and effectiveness of a one-on-one physical activity intervention for breast cancer patients undergoing chemotherapy.*

Henry Ruiz, Ph.D., M.Phil., Assistant Professor, Biological & Chemical Sciences, Principal Investigator
ISRC Grant: *Advanced Glycation End product in Neurons: Establishing Mechanism of Entry and Pathophysiological Effects on Insulin Signaling and Inflammation.*

Leonidas Salichos, Ph.D., Assistant Professor, Biological & Chemical Sciences, Principal Investigator
ISRC Grant: *Using Wearable Technology to Monitor Physiological Responses and Optimize Dive Readiness in Freediving*

Tom Verebes, Ph.D., Grad Dip (Design), Professor, Architecture, Principal Investigator
ISRC Grant: *The Ground*

Florencia Vetcher, Assoc. AIA, Assistant Professor, Interior Design, Principal Investigator
ISRC Grant: *Bridging Time and Space: The Ines Table as a Multi-sensory immersive Experience*

Nader Vossoughian, M.A., M.Phil., Ph.D., Professor, Architecture, Principal Investigator
ISRC Grant: *Quality Control. Nazi Germany and Global Standardization*

Baole Wen, Ph.D., Assistant Professor, Mathematics, Principal Investigator
ISRC Grant: *A Coherent Approach to Illuminate Asymptotic Transport in Strongly Nonlinear Thermal Convection*

Steven Zanganeh, Ph.D., Assistant Professor, Bioengineering, Principal Investigator
ISRC Grant: *Multifunctional Tissue Engineering Patch for Chronic Wound Treatment*

Wei Zeng, PhD., Assistant Professor, Mechanical Engineering, Principal Investigator
ISRC Grant: *Developing Finite Element Models for Predicting Knee Injuries and Analyzing Knee Arthroplasty Biomechanics*