17th Annual Faculty Scholars Reception

NYIT de Seversky Mansion
Tuesday, April 10, 2018

nyit.edu
NYIT’s Faculty Scholars Reception is held each year in honor of faculty who have received an external or internal research, pedagogical, or infrastructural grant; published or edited a book or journal; published original research in an internationally recognized peer-reviewed journal or in a book; presented original research or creative work in a major public forum; produced a major creative work; obtained a patent; or received a prize or award from an outside organization honoring creative activity or scholarly attainment during the previous calendar year.
Co-Conveners

Hank Foley, Ph.D.
President, NYIT

Lou Reinisch, Ph.D.
Interim Provost and Vice President of Academic Affairs

Jerry R. Balentine, D.O., FACEP
Vice President for Medical Affairs and Global Health

Allison Andors, Ph.D.
Assistant Provost and Senior Director, Grants

Editor/Compiler

Eileen A. Gazzola, M.S.L.I.S.
Senior Grants Coordinator
Office of Sponsored Programs and Research
Now more than ever, it is crucial for institutes of higher education to serve as beacons of creativity, innovation, and scholarly research that lead to the creation of new knowledge benefitting humanity. These ideals are a cornerstone of NYIT’s mission and continue to inspire our faculty and students across all disciplines.

In the years ahead, I look forward to seeing many more NYIT contributions to the fields of computer science, engineering, technology, health care, life sciences, architecture, business and finance, and other areas. Greater and more intensive scientific and intellectual inquiry at NYIT will better position us as the leading research institute along the Long Island technology corridor that runs from Brooklyn to Brookhaven. In the coming years, I am confident that our collective efforts will make us among the most recognized colleges and universities in New York, the United States, and the world.

On that note, it is with great pride that we recognize the nearly 180 scholars, scientists, professionals, and researchers whose work is being highlighted at the 17th Annual Faculty Scholars Reception. They represent some of NYIT’s finest minds and creative thinkers—whether it’s pioneering research that leads to the creation of new medical devices, sharpening our defenses against cyber intruders, or leading intellectual discussions about the impact of technology on humanity. Along the way, NYIT students, too, share in the discovery of knowledge, which reinforces their own learning until one day they make their own contributions to society.

I hope you enjoy learning about these other dimensions of NYIT at the 17th Annual Faculty Scholars Reception. Thank you to the entire NYIT community for their support and to all of our faculty scholars for their achievements.

Sincerely,

Hank Foley, Ph.D.
President, NYIT
Welcome to this year’s Faculty Scholarship Reception.

Scholarship and instruction form the nexus that defines the modern university. Today we concentrate on the scholarship at NYIT. It is my distinct honor and pleasure to recognize each and every one of you who has contributed to the scholarship that underpins our instruction and helps define the quality and character of NYIT.

Instruction that is bolstered by scholarship gives our students an education that is cutting-edge, informed, and impactful. The faculty members who live and breathe their academic disciplines through their scholarship transmit that enthusiasm and passion to their students every day. A university is not a conflict or competition between scholarship and instruction. Instead, these form a symbiotic relationship, which creates a whole that is more than the sum of its parts.

This event attempts to compile the local, national, and international scholarship of the faculty members at NYIT. Over the last several years, NYIT has experienced remarkable growth in its scholarship. Our work is reaching a broader audience, attracting more funding, and influencing not only NYIT but also the world around us. I highly commend everyone who has contributed to those efforts.

I hope you enjoy reading and learning about the high-quality research and creative endeavors of the NYIT community. Please take time to discuss the scholarship, listen to the talks, and enjoy the event.

Sincerely,

Lou Reinisch
Interim Provost and Vice President of Academic Affairs, NYIT
Scholarly achievements move us forward as a university and as individuals. It does so in many ways, including by exploring, explaining, and improving the world around us, by challenging those who are starting their path learning, and finally, by giving us a glimmer of how much knowledge there is left to gain. Setting aside a moment in time to acknowledge the importance of faculty scholars is an important tradition on our campus that makes me proud to be part of NYIT. I want to thank all of you for your hard work and for the example you set for all the students at NYIT. Congratulations to each of the contributors to this event.

Jerry Balentine, D.O., FACEP
Vice President for Medical Affairs and Global Health
Foreword

Leonard Bernstein, the late conductor of the New York Philharmonic, is reputed to have said, “To achieve great things, two things are needed: a plan and not quite enough time.”¹ This aphorism rings true for the professoriate, whose crowded lives seem planned to the nth degree, and who, whether in teaching or research or in their grant writing endeavors, somehow do it all well and make it look easy.

In 2017, as the following pages attest, NYIT faculty were prodigal in their scholarship and creativity. The sheer volume calls to mind the remark by Pascal, in a postscript to the 16th of his Lettres Provinciales (1656), to the effect that if he had more time, he would have written a shorter letter.² High time, then, to honor our NYIT faculty for the great things they have done. They deserve our respect and admiration.

Allison Andors, Ph.D.
Assistant Provost and Senior Director, Grants

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College of Arts and Sciences
I. Authors

Susana H. Case, Ph.D.
Professor and Manhattan Program Coordinator, BES

Claude E. Gagna, Ph.D.
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Assistant Professor, Life Sciences
Amanda Golden, Ph.D.
Assistant Professor, English


Jonathan Goldman, Ph.D.
Associate Professor, English


Michael Hadjiargyrou, Ph.D.
Professor, Life Sciences


John Hanc, M.A.
Associate Professor, Communication Arts


Larry Jaffee, M.A.
Adjunct Professor, Communication Arts


**Kevin LaGrandeur, Ph.D.**
Professor, English


**John Misak, D.A.**
Assistant Professor, English


**Niharika Nath, Ph.D.**
Associate Professor and Chairperson, Life Sciences

Ana G. Petrovic, Ph.D.
Associate Professor, Life Sciences


Richard Pizer, Ph.D.
Professor, Life Sciences


Navin Pokala, Ph.D.
Assistant Professor, Life Sciences


II. Presenters at Meetings

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Claude E. Gagna, Ph.D.
Associate Professor, Life Sciences


Bryan Gibb, Ph.D.
Assistant Professor, Life Sciences


Amanda Golden, Ph.D.
Assistant Professor, English


**Michael Hadjiargyrou, Ph.D.**
Professor, Life Sciences


17 College of Arts and Sciences
Hadjiargyrou M. (2017, June). Biomaterials in tissue engineering. Presentation at the Garcia Center, Polymers at Engineered Interfaces, Stony Brook University, Stony Brook, N.Y.

Hadjiargyrou M. (2017, July). Is regenerative medicine a viable solution to organ shortage? Presentation at the Science and Research Awareness Series, Stony Brook University, Stony Brook, N.Y.

John Hanc, M.A.
Associate Professor, Communication Arts


Kevin LaGrandeur, Ph.D.
Professor, English


Patrick Karle, M.F.A.
Assistant Professor, Communication Arts, Nanjing Campus


Gavin P. McStay, Ph.D.
Assistant Professor, Life Sciences


John Misak, D.A.
Assistant Professor, English


Niharika Nath, Ph.D.
Associate Professor and Chairperson, Life Sciences

Navin Pokala, Ph.D.
Assistant Professor, Life Sciences


III. Honorees and Awardees

Larry Jaffee, M.A.
Adjunct Assistant Professor, Communication Arts

*Editor and Publisher, The Walford Gazette.* (2017). Kings Park, N.Y.: East End Company, Vol. 25, Nos. 1–4. http://www.wgazette.com (The periodical is principally about the BBC’s popular television series *EastEnders* and is celebrating its 25th anniversary. Article highlights include an exclusive interview with *EastEnders* scriptwriter: “With few exceptions, women’s voices are constantly drowned out,” and “Giveth & Taketh: President’s budget eliminates public media funding; BritBox debuts with *EastEnders*.”


Kevin LaGrandeur, Ph.D.
Professor, English


IV. Grant Recipients—Externally Sponsored

Claude E. Gagna, Ph.D.
Associate Professor, Life Sciences

Michael Hadjiargyrou, Ph.D.
Professor, Life Sciences

Skeletal Effects of Methylphenidate. State University of New York–Stony Brook Prime Award No. 1 R01 HD070888-01A1; Amendment No. 4 to Sub award No. 74013/2/1130363.

Kevin LaGrandeur, Ph.D.
Professor, English

Travel Stipend to the NEH Institute Writers’ Workshop. National Endowment for the Humanities.

Shenglong Zhang, Ph.D.
Assistant Professor, Life Sciences


V. Grant Recipients—Internally Sponsored

Lissi Athanasiou-Krikelis, Ph.D.
Assistant Professor, English

Metafiction in Picture Books and Eugene Trivizas's Metafictionality. Principal Investigator. ISRC Grant.

Nicholas Bloom, Ph.D.
Associate Professor, Social Sciences Chairperson, Interdisciplinary Studies

Building Resilient Communities. Principal Investigator. ISRC Grant.
Building Resilient Communities. Co-Principal Investigator. TLT Grant.
Matthew Cornelius, MSc.
Art Media Technical Director, Digital Art & Design
Development of a 3D Bioprinter Utilizing the Dexter Robotic Framework.
Co-Principal Investigator. ISRC Grant.

Andrew Costello, Ph.D.
Assistant Professor, Behavioral Sciences
Comparison of Corporeal Lineups to Photo Arrays.
Principal Investigator. ISRC Grant.

Claude E. Gagna, Ph.D.
Associate Professor, Life Sciences
Purchase Anti-DNA Antibodies as Probes to Prove Validity of Next Generation DNA Microarray Prototypes (Exotic DNA Structures): to Launch a Biotechnology Company-NYIT and Arrayit Corporation (NIH-STTR Grant).
Principal Investigator. ISRC Grant.

Bryan Gibb, Ph.D.
Assistant Professor, Life Sciences
Development of New Tools to Improve the Efficiency of Genome Engineering.
Principal Investigator. ISRC Grant.
The Quest for Novel Antibiotics: Phage Therapy.
Principal Investigator. ISRC Grant.

Amanda Golden, Ph.D.
Assistant Professor, English
Editing the Archive: Poetry and Technology. Principal Investigator. ISRC Grant.
Sylvia Plath’s Manuscripts: Global Implications.
Principal Investigator. ISRC Grant.
College of Arts and Sciences Faculty and Student Summer Research Grant.
College of Arts and Sciences Teaching Grant.
Michael Hadjiargyrou, Ph.D.
Professor, Life Sciences

The Role of miRNAs during Fracture Repair.
Principal Investigator. ISRC Grant.
The role of Mustn1 in Cartilage Biology.
Principal Investigator. ISRC Grant.

Blair Hoplight II, Ph.D.
Assistant Professor, Behavioral Sciences

Comparison of Corporeal Lineups to Photo Arrays.
Co-Principal Investigator. ISRC Grant.

Ellen Katz, Ph.D.
Associate Professor and Chairperson, Social Sciences

Building Resilient Communities.
Co-Principal Investigator. ISRC Grant.

Kevin LaGrandeur, Ph.D.
Professor, English

Emerging Technology and the Future of Employment.
Principal Investigator. ISRC Grant.
Art, Emerging Technology, and the Posthuman.
Principal Investigator. ISRC Grant.

Gavin P. McStay, Ph.D.
Assistant Professor, Life Sciences

Interrogation of Signal Transduction Pathways Induced by Absence of the Barth’s Syndrome Associated Protein, Tafazzin, in Yeast.
Principal Investigator. ISRC Grant.
Characterization of Cancer Associated Mutations in Caspases.
Principal Investigator. ISRC Grant.

Shalaka Metkar, Ph.D.
Adjunct Assistant Professor, Life Sciences

Nitric Oxide and Hydrogen Sulfide Donating NSAIDs: Epigenetic Mechanisms in Cancer Prevention and against Neurodegenerative Disorders.
Co-Principal Investigator. ISRC Grant.
Niharika Nath, Ph.D.
Associate Professor and Chairperson, Life Sciences

Computer Aided Detection of Cancer Cells in Early Stage Breast Cancer.
Principal Investigator. ISRC Grant.
Integration of Computerized Assessment to Evaluate the Curriculum Continuously and Improve Learning Outcome in Introductory and Intermediate Courses of Life Science/Bio Majors.
Principal Investigator. TLT Grant.
Nitric Oxide and Hydrogen Sulfide Donating NSAIDs: Epigenetic Mechanisms in Cancer Prevention and against Neurodegenerative Disorders.
Principal Investigator. ISRC Grant.

Eleni Nikitopoulos, Ph.D.
Assistant Professor, Life Sciences

Olfactory Ovulation Signals in Simian Primates.
Principal Investigator. ISRC Grant.

Ana G. Petrovic, Ph.D.
Associate Professor, Life Sciences

IR-based Survey of Solvent & Buffer Media Towards Reliable Structural Elucidations of Chiral Biomolecules.
Principal Investigator. ISRC Grant.

Navin Pokala, Ph.D.
Assistant Professor, Life Sciences

Development of a Synthetic Neurotransmission System.
Principal Investigator. ISRC Grant.
Development of C.elegans Models of Autism Spectrum Disorders.
Principal Investigator. ISRC Grant.
Development of New Tools to Improve the Efficiency of Genome Engineering.
Co-Principal Investigator. ISRC Grant.

Emily Restivo, Ph.D.
Associate Professor, Behavioral Sciences

The Relationship Between Mental Health and Solitary Confinement Among Waived Juveniles.
Principal Investigator. ISRC Grant.
Robert Smith, M.F.A.
Associate Professor, Digital Art & Design
Development of a 3D Bioprinter Utilizing the Dexter Robotic Framework. Principal Investigator. ISRC Grant.

Dena Winokur, Ph.D.
Associate Professor, Communication Arts
Purchase Anti-DNA Antibodies as Probes to Prove Validity of Next Generation DNA Microarray Prototypes (Exotic DNA Structures): to Launch a Biotechnology Company-NYIT and Arrayit Corporation (NIH-STTR Grant). Co-Principal Investigator. ISRC Grant.

Shenglong Zhang, Ph.D.
Assistant Professor, Life Sciences
Direct and De Novo Sequencing of RNA with Concomitant Base-Calling and Modification Analysis Capability. Principal Investigator. ISRC Grant.
Development of LC/MS-Based Direct RNA Sequencing with Concomitant Base-Calling and Modification Analysis Capability. Principal Investigator. ISRC Grant.
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Associate Professor and Director, Ehlers-Danlos Syndrome Treatment Center


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Eleanor Yusupov, D.O.
Assistant Professor, Clinical Specialties


Dong Zhang, Ph.D.
Associate Professor, Biomedical Sciences


Youhua Zhang, M.D., Ph.D.
Associate Professor, Biomedical Sciences


Hallie Zwibel, D.O.
Assistant Professor, Department of Family Medicine and Director, Sports Medicine Center


II. Presenters at Meetings

Jerry Balentine, D.O., FACEP
Vice President for Medical Affairs and Global Health


**Gerard A. Baltazar, D.O.**
Clinical Assistant Professor, Surgery

Baltazar G.A. (2017, October). Emerging topics in trauma critical care management. Invited presentation at the University of Pittsburgh Medical Center (UPMC) Fall Trauma Symposium, Susquehanna, Pa.

**William Blazey, D.O.**
Associate Professor and Assistant Dean, Preclinical Education


Maria A. Carrillo-Sepulveda, B.S.N., Ph.D.
Assistant Professor, Biomedical Sciences


Thomas Chan, D.O.
Assistant Professor and Interim Chairperson, Clinical Specialties


George Cheriyan, D.O.
Assistant Professor, Osteopathic Manipulative Medicine


A. Martin Gerdes, Ph.D.
Professor and Chairperson, Biomedical Sciences


Wolfgang Gilliar, D.O.
Professor and Dean, College of Osteopathic Medicine

Patricia Happel, D.O.
Assistant Professor, Department of Family Medicine and Associate Medical Director


Simone Hoffmann, Ph.D.
Assistant Professor, Anatomy


Yohe L.R., Hoffmann S., Dávalos L.M. (2017, June). Morphological form is predicted by genetic evidence function of the mammalian vomeronasal system. Podium Presentation at the 2017 Annual Meeting of the Society for the Study of Evolution (SSE), the Society of Systematic Biologists (SSB), and the American Society of Naturalists (ASN), Portland, Ore.

Min-Kyung Jung, Ph.D.
Biostatistician, Research


(LBORC) poster competition, Colorado Springs, Colo. Awarded 2nd place for Best Student Educational Poster Category.


**Satoru Kobayashi, Ph.D.**

Instructor, Biomedical Sciences


Bantis K., Garcia J.A., Kobayashi S., Liang Q. (2017, October). *Prolonged fasting attenuates mitophagy and impairs cardiac function in mice*. First Place Poster Award, American Osteopathic Association (AOA), Osteopathic Medical
Conference & Exposition (OMED), Pennsylvania Convention Center, Philadelphia, Pa.


Sharon Koehler, D.O.
Assistant Professor, Clinical Specialties


Patricia Kooyman, D.O.
Assistant Professor, Osteopathic Manipulative Medicine


Bhuma Krishnamachari, Ph.D.
Associate Professor, Clinical Specialties;
Assistant Dean, Research


College of Osteopathic Medicine
Isaac Kurtzer, Ph.D.
Assistant Professor, Biomedical Sciences


Adena Leder, D.O.
Assistant Professor, Clinical Sciences


### Joerg R. Leheste, Ph.D., M.S.

**Associate Professor, Biomedical Sciences**


**To Shan Li, D.O.**
Assistant Professor and Vice Chairperson, Osteopathic Manipulative Medicine


**Qiangrong Liang, M.D., Ph.D.**
Associate Professor, Biomedical Sciences


Liang Q. (2017, July). *Differential roles of mitophagy in the heart under fasting and diabetic conditions.* Invited Speaker at the International Academy of Cardiology, 22nd World Congress on Heart Disease, Hyatt Regency, Vancouver, BC, Canada.


Liang Q. (2017, November). *Autophagy, mitophagy and lysophagy in the diabetic heart*. Invited Speaker at the Shanghai Jiaotong University Diabetes Research Center, Shanghai 6th People’s Hospital, Shanghai, China.


Liang Q. (2017, November). *Testing the role of mitochondrial fission and mitophagy in the diabetic heart*. Invited Speaker at the 2017 Yuying Forum, the Fourth International Conference on Translational Medicine, the Second Affiliated Hospital and Yuying Children’s Hospital, Wenzhou Medical University, Wenzhou, China.

Jayme D. Mancini, D.O., Ph.D.
Assistant Professor, Osteopathic Manipulative Medicine


College of Osteopathic Medicine


Joseph Mazzie, D.O.
Assistant Professor, Osteopathic Manipulative Medicine


Charles Pavia, Ph.D.
Associate Professor, Biomedical Sciences


Maria Plummer, M.D.
Associate Professor, Clinical Sciences

Viswanathan Rajagopalan, Ph.D.
Assistant Professor, Basic Sciences, NYITCOM at A-State


Sonia Rivera-Martinez, D.O., FACOFP
Associate Professor and Associate Medical Director, Clinical Sciences


Olga V. Savinova, Ph.D.
Assistant Professor, Biomedical Sciences


Karen Sheflin, D.O.
Assistant Professor, Department of Family Medicine and Director, Émigré Physician Program

Rivera-Martinez S., Bulaevsky I., Nello A., Sheflin K. (2017, April). Medical students acquire management skills by operating a free clinic. Presentation at the

David H. Tegay, D.O., FACMG, FACOI
Associate Professor and Director, Ehlers-Danlos Syndrome Treatment Center

Michael Terzella, D.O.
Associate Professor, Osteopathic Manipulative Medicine
Nathan E. Thompson, Ph.D.
Assistant Professor, Anatomy


Sheldon C. Yao, D.O.
Associate Professor and Chairperson, Osteopathic Manipulative Medicine


**Youhua Zhang, M.D., Ph.D.**

Associate Professor, Biomedical Sciences

Hallie Zwibel, D.O.
Assistant Professor, Department of Family Medicine and
Director, Sports Medicine Center

King Devick (KD) testing in predicting concussion symptom severity in student athletes. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) competition, Colorado Springs, Colo.


III. Honorees and Awardees

Jerry Balentine, D.O., FACEP
Vice President for Medical Affairs and Global Health


Gerard A. Baltazar, D.O.
Clinical Assistant Professor, Surgery

1st place poster competition, experimental research category, The utility of zip ties for thoracostomy tube management. New York State Osteopathic Medical Society (NYSOMS), April 2017.


Certificate of Recognition from the American College of Osteopathic Surgeons in honor of commitment to the education of osteopathic surgical residents, October 2017.

Maria A. Carrillo-Sepulveda, B.S.N., Ph.D.
Assistant Professor, Biomedical Sciences

2017 Recognition Award for a Young Investigator Minority Travel Fellowship from American Physiological Society. Experimental Biology (EB) Annual Meeting, McCormick Place Convention Center, Chicago, Ill.
Thomas Chan, D.O.
Assistant Professor and Interim Chairperson, Clinical Specialties


George Cheriyan, D.O.
Assistant Professor, Osteopathic Manipulative Medicine


Joanne DiFrancisco-Donoghue, Ph.D., RCEP
Assistant Professor, Osteopathic Manipulative Medicine


58 College of Osteopathic Medicine
A. Martin Gerdes, Ph.D.
Professor and Chairperson, Biomedical Sciences

*Hans Peter Krayenbuehl Memorial Award* for distinguished contributions in the field of research in cardiac function. The International Academy of Cardiology Awards at the 22nd World Congress on Heart Disease, Vancouver, BC, Canada, July 14, 2017.

*Fellow of the Academy*, the International Academy of Cardiovascular Sciences (global maximum number of academy fellows is 250 at any time). 2017.

Patricia Happel, D.O.
Assistant Professor, Department of Family Medicine and Associate Medical Director


Min-Kyung Jung, Ph.D.
Biostatistician, Research


Satoru Kobayashi, Ph.D.
Instructor, Biomedical Sciences


Patricia Kooyman, D.O.
Assistant Professor, Osteopathic Manipulative Medicine


Adena Leder, D.O.
Assistant Professor, Clinical Sciences


Qiangrong Liang, M.D., Ph.D.
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Jayme D. Mancini, D.O., Ph.D.
Assistant Professor, Osteopathic Manipulative Medicine


Joseph Mazzie, D.O.
Assistant Professor, Osteopathic Manipulative Medicine


Michael Terzella, D.O.
Associate Professor, Osteopathic Manipulative Medicine


Sheldon C. Yao, D.O.
Associate Professor and Chairperson, Osteopathic Manipulative Medicine


Hallie Zwibel, D.O.
Assistant Professor, Department of Family Medicine and Director, Sports Medicine Center

IV. Grant Recipients—Externally Sponsored

Jerry Balentine, D.O., FACEP
Vice President for Medical Affairs and Global Health


Maria A. Carrillo-Sepulveda, B.S.N., Ph.D.
Assistant Professor, Biomedical Sciences

Long-Term Exposure to Western Diet Increases Vascular Levels of Lysine Acetylation: A Potential Key Marker of Endothelial Dysfunction. American Heart Association, 2017 Student Scholarships in Cardiovascular Disease.

Jonathan H. Geisler, Ph.D.
Associate Professor and Chairperson, Anatomy

Brian L. Beatty, Ph.D.
Associate Professor, Anatomy

How Development and Behavior Interact to Change Skull Form: Exploring and Sharing Evolutionary Insights from the Fossil Record of Cetaceans (Whales, Dolphins, and Porpoises), National Science Foundation, Sedimentary Geology and Paleobiology; Award No. EAR-1349607.
A. Martin Gerdes, Ph.D.
Professor and Chairperson, Biomedical Sciences


Satoru Kobayashi, Ph.D.
Instructor, Biomedical Sciences


Adena Leder, D.O.
Assistant Professor, Clinical Sciences

Information and Referral Coordinator Position for Adele Smithers Parkinson’s Disease Treatment Center. American Parkinson Disease Association Inc.

Qiangrong Liang, M.D., Ph.D.
Associate Professor, Biomedical Sciences

Differential Effects of Fasting on Cardiac Autophagy and Mitophagy. American Medical Association (AMA) Foundation, Seed Grant Research Program.
Necessity of AMPK Activation for Caloric Restriction-Induced Cardioprotection. National Institutes of Health. PA-12-006; Academic Research Enhancement Award (Parent R15). Award No. 1R15HL120027.

Raddy L. Ramos, Ph.D.
Assistant Professor, Biomedical Sciences


Gregory Saggio, D.O.
Assistant Professor, Department of Clinical Specialties

Sheldon C. Yao, D.O.
Associate Professor and Chairperson, Osteopathic Manipulative Medicine

Joanne DiFrancisco-Donoghue, Ph.D., RCEP
Assistant Professor, Osteopathic Manipulative Medicine

Jayme D. Mancini, D.O., Ph.D.
Assistant Professor, Osteopathic Manipulative Medicine

Adena Leder, D.O.
Assistant Professor, Clinical Sciences

Joerg R. Leheste, Ph.D., M.S.
Associate Professor, Biomedical Sciences

Min-Kyung Jung, Ph.D.
Biostatistician, Research

Sim Basta, M.H.S., P.A.
Manager, Rehab Services, Academic Health Care Center


V. Grant Recipients—Internally Sponsored

Joanne DiFrancisco-Donoghue, Ph.D., RCEP
Assistant Professor, Osteopathic Manipulative Medicine

Does Whole Body Periodic Acceleration Improve Sleep Disturbances in Persons with Parkinson’s Disease?
Co-Principal Investigator. ISRC Grant.
Isaac Kurtzer, Ph.D.
Assistant Professor, Biomedical Sciences

Evaluating the Security and Resilience of Smartphone Behavioral Biometrics Using 3D Motion Capture.
Co-Principal Investigator. ISRC Grant.

Qiangrong Liang, M.D., Ph.D.
Associate Professor, Biomedical Sciences

On-Chip Studies of Human Pluripotent Stem Cell-Derived Cardiomyocyte Maturation.
Co-Principal Investigator. ISRC Grant.
Co-Principal Investigator. ISRC Grant.

Aleksandr Vasilyev, M.D., Ph.D.
Assistant Professor, Biomedical Sciences

Development of a 3D Bioprinter Utilizing the Dexter Robotic Framework.
Co-Principal Investigator. ISRC Grant.
“Science is not only a disciple of reason but, also, one of romance and passion.”

—Stephen Hawking
School of Architecture and Design
I. Authors

Marcella Del Signore, M.Arch., RA
Associate Professor, Architecture and Design


Jeffrey Raven, MSt., (Cantab), B.Arch., B.F.A., B.A.
Associate Professor, Masters Architecture in Urban & Regional Design


Jon Michael Schwarting,
B.Arch., M.Arch.
Professor, Architecture & Design

II. Presenters at Meetings

Marcella Del Signore, M.Arch., RA
Associate Professor, Architecture and Design


Del Signore M. (2017, October). *The how to's of collaborative research from ideas to innovations.* Speaker at the NYIT Interdisciplinary Collaboration Symposium, Rockefeller Auditorium, NYIT-Old Westbury Campus, Old Westbury, N.Y.

Mathew P. Ford, M.Arch., RA
Assistant Professor and Chairperson, Architecture


Naomi Frangos, B.Sc.Arch., B.Arch., M.Arch.
Associate Professor, Architecture
Lectures and Exhibitions Coordinator


Frangos N. (2017, October). *Emergent beauty in the work of Isamu Noguchi.* Invited Speaker at Concordia University, Montreal, Quebec, Canada.

Jeffrey Raven, MSt. (Cantab), B.Arch., B.F.A., B.A.
Associate Professor, Masters Architecture in Urban & Regional Design


Giovanni Santamaria, Ph.D.
Associate Professor, Architecture & Design

Santamaria G. (2017, July). *Form Landscape to Environmental Urbanism.* Guest Lecturer at the Master Program in Urban Geography, Universidad Autonoma de Barcelona, Barcelona, Spain.


Santamaria G. (2017, October). *In (the) place of drawing: technology and design processes.* Chairperson and organizer of guest lecturers Franco Purini and Antonio Saggio at the NYIT School of Architecture and Design, NYIT Auditorium on Broadway, New York City.

Jon Michael Schwarting,
B.Arch., M.Arch.
Professor, Architecture & Design

III. Designers and Exhibitors

**Marcella Del Signore, M.Arch., RA**  
Associate Professor, Architecture and Design


Del Signore M. (2017, December). *DATAField Prototype Exhibition* at LunaFete Festival. *DATAField* is a responsive three-dimensional map of the New Orleans drainage network that visualizes the city’s water infrastructural system through a dense field of data poles. The installation becomes a real-time map of the dynamic water conditions of the city, and it is designed to communicate the challenges and opportunities that cities face in living with water.

**Naomi Frangos, B.Sc.Arch., B.Arch., M.Arch.**  
Associate Professor, Architecture, Lectures & Exhibitions Coordinator


Frangos N. (2017, April), *Cut/Paste/Trim*. Co-curated exhibition with Stan Allen, Center Gallery, Education Hall, Old Westbury Campus, Old Westbury, N.Y.

**Charles A. Matz, AIA RIBA**  
Associate Professor, Architecture & Design


**Giovanni Santamaria, Ph.D.**  
Associate Professor, Architecture & Design


IV. Grant Recipients—Externally Sponsored

Marcella Del Signore, M.Arch., RA
Associate Professor, Architecture and Design

Grant received from the Arts Council of New Orleans’ Percentage for the Art Program to build a full-scale urban prototype for LunaFete Festival in December 2017. DATAField is a responsive three-dimensional map of the New Orleans drainage network that visualizes the city’s water infrastructural system through a dense field of data poles. The installation becomes a real-time map of the dynamic water conditions of the city, and it is designed to communicate the challenges and opportunities that cities face in living with water. http://www.artsneworleans.org/event/luna-fete/map-2/

V. Grant Recipients—Internally Sponsored

Matthias R. Altwicker, B.Arch, M.U.P., RA, AIA LEED AP
Associate Professor, Architecture

Building Resilient Communities.
Co-Principal Investigator. ISRC Grant.
Building Resilient Communities.
Co-Principal Investigator. TLT Grant.

Naomi Frangos, B.Sc.Arch., B.Arch., M.Arch.
Associate Professor, Architecture
Lectures and Exhibitions Coordinator

Fabricating Intuitive Innovation in Digital Design (FIND).
Principal Investigator. ISRC Grant.
Inhabiting Surface: Play-scapes for Learned Environments.
School of Architecture and Design sLAB design-build grant.
Farzana Gandhi, AIA LEED AP
Assistant Professor, Architecture

Building Resilient Communities.
Co-Principal Investigator. ISRC Grant.
Building Resilient Communities.
Co-Principal Investigator. TLT Grant.
Principal Investigator. ISRC Grant.

Jason Sargenti, RA
Adjunct Instructor, Architecture

Augmented Reality Sandbox.
Co-Principal Investigator. TLT Grant.

Jason Van Nest, RA
Assistant Professor, Architecture

Augmented Reality Sandbox.
Principal Investigator. TLT Grant.
“I have always appreciated those who dare to experiment with materials and proportions.”

—Zaha Hadid
I. Authors

Reza K. Amineh, Ph.D., SMIEEE
Assistant Professor, Electrical and Computer Engineering


Nada M. Anid, Ph.D.
Dean, School of Engineering and Computing Sciences; Professor, Engineering


N. Sertac Artan, Ph.D.
Assistant Professor, Electrical and Computer Engineering


77 School of Engineering and Computing Sciences
Babak D. Beheshti, Ph.D.
Professor, Electrical and Computer Engineering, Electrical and Computer Engineering Technology


Houwei Cao, Ph.D.
Assistant Professor, Computer Sciences


Dorinamaria Carka, Ph.D.
Assistant Professor, Mechanical Engineering


Sonali Chandel, MSIT
Instructor, Computer Science, Nanjing Campus


Ziqian Dong, Ph.D.
Associate Professor, Electrical and Computer Engineering


(#) = graduate student

Rishabh Dudheria, Ph.D.
Assistant Professor, Electrical and Computer Engineering, Nanjing Campus


Aydin Farajidavar, Ph.D.
Assistant Professor, Electrical and Computer Engineering


Brian Galli, Ph.D.
Adjunct Instructor, Mechanical Engineering


Paolo Gasti, Ph.D.
Assistant Professor, Computer Science


Huanying Gu, Ph.D.
Associate Professor, Computer Science


Azhar Ilyas, Ph.D.
Assistant Professor, Electrical and Computer Engineering


Fang Li, Ph.D.
Assistant Professor, Mechanical Engineering


*corresponding author, also featured on journal inside front cover


Wenjia Li, Ph.D.
Assistant Professor, Computer Science


Sandra Kopecky, M.S.
Adjunct Faculty, Computer Science


Michael Nizich, Ph.D.
Director, Entrepreneurship & Technology Innovation Center


Marta A. Panero, Ph.D.
Director of Strategic Partnerships, School of Engineering and Computing Sciences


Anand Santhanakrishnan, Ph.D.
Assistant Professor, Electrical and Computer Engineering


James J. Scire, Ph.D.
Assistant Professor, Mechanical Engineering


Milan Toma, Ph.D.
Assistant Professor, Mechanical Engineering

Jonathan Voris, Ph.D.
Assistant Professor, Computer Science


Xun Yu, Ph.D.
Chairperson and Associate Professor, Mechanical Engineering


II. Presenters at Meetings

Nada M. Anid, Ph.D.
Dean, School of Engineering and Computing Sciences; Professor, Engineering


Anid N. (2017, April). A conversation about space, technology, humanity & the future. Panelist following a screening of the movie The Farthest, a run up to NASA’s 2017 Space Apps Challenge, NYIT Auditorium on Broadway, New York City.


Anid N. (2017, October). What do you need to know to go global? Welcoming remarks at the NYIT School of Engineering and Computing Sciences and the U.S. Commercial Service Long Island Conference, NYIT de Seversky Mansion, Old Westbury, N.Y.


N. Sertac Artan, Ph.D.
Assistant Professor, Electrical and Computer Engineering


(*) undergraduate student
Steven H. Billis, Ph.D.
Professor, Electrical and Computer Engineering, Computer Science


Sonali Chandel, MSIT
Instructor, Computer Science, Nanjing Campus


Ziqian Dong, Ph.D.
Associate Professor, Electrical and Computer Engineering


Dong Z. (2017, October). Autonomous real-time water quality sensing as an alternative to conventional monitoring to improve the detection of food, energy, and water indicators. Invited Speaker at the International Workshop on Smart Cities, Human Behavior and Sustainable Development: Opportunities and Challenges for Infrastructure Development, Beijing, China.


(*) undergraduate student, (#) graduate student

Rishabh Dudheria, Ph.D.
Assistant Professor, Electrical and Computer Engineering, Nanjing Campus


Aydin Farajidavar, Ph.D.
Assistant Professor, Electrical and Computer Engineering


Brian Galli, Ph.D.
Adjunct Instructor, Mechanical Engineering


Galli B. (2017, July). Engineering project management: WBS, CPM, and PERT. Speaker at Binghamton University, Professional Engineering Professional Development Seminar, Binghamton, N.Y.


Galli B. (2017, October). Current and future state of applied statistics in relation to quality. Speaker at the American Society for Quality (ASQ), Long Island Fall Symposium, Hofstra University, Hempstead, N.Y.

Galli B. (2017, November). The integration of lean six sigma into PMBOK project management. Speaker at the American Society for Quality (ASQ), New York City Conference, Syracuse, N.Y.
Huanying Gu, Ph.D.
Associate Professor, Computer Science


Azhar Ilyas, Ph.D.
Assistant Professor, Electrical and Computer Engineering


Sandra Kopecky, M.S.
Adjunct Faculty, Computer Science


Fang Li, Ph.D.
Assistant Professor, Mechanical Engineering


Wenjia Li, Ph.D.
Assistant Professor, Computer Science


Marta A. Panero, Ph.D.
Director of Strategic Partnerships, School of Engineering and Computing Sciences


James J. Scire, Ph.D.
Assistant Professor, Mechanical Engineering


Milan Toma, Ph.D.
Assistant Professor, Mechanical Engineering


Jonathan Voris, Ph.D.
Assistant Professor, Computer Science


III. Honorees and Awardees

Nada M. Anid, Ph.D.
Dean, School of Engineering and Computing Sciences; Professor, Engineering

*Chair Elect*, of the Public Affairs & Information Committee (PAIC), American Institute of Chemical Engineers (AIChE). October 2017.


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Selected Leader from among 25 leaders in New York City to attend the U.S. Air Force Civic Leaders Trip to Cape Canaveral to witness a rocket launch. April 29, 2017.

Michael Nizich, Ph.D.
Director, Entrepreneurship & Technology Innovation Center

Excellence in Teaching, awarded by the National Society of Leadership and Success, Sigma Alpha Pi. For a staff member who exemplifies leadership, mentorship, and has demonstrated commitment to bettering the lives of students. December 2017.

Marta A. Panero, Ph.D.
Director of Strategic Partnerships, School of Engineering and Computing Sciences

Advisor, for students participating in the 7 x 24 Exchange University Challenge hosted by the Metro NY Chapter of the 7 x 24 Exchange Organization. January–April 2017.


Board Member, Long Island’s Manufacturing & Technology Resource Consortium (LI-MTRC).


Member, Organizing Committee for the LI Regional Business Plan Competition, co-hosted by NYIT with Stony Brook University, SUNY Farmingdale, and Hofstra University. Farmingdale, N.Y., January–April 2017.

Member, of two Commissions (IT and Engineering) organized by New York City Department of Education’s Continuing Technical Education Division.

Member, Long Island Regional Economic Development Council’s Workforce and Education Committee.

Regular Participant, New York City Department of Design and Construction (NYC-DDC)’s Town & Gown meetings.


Steering Committee Member and Coordinator, NYIT Eighth Annual Cybersecurity Conference, March–September 2017.
IV. Patents

Reza K. Amineh, Ph.D., SMIEEE
Assistant Professor, Electrical and Computer Engineering


Azhar Ilyas, Ph.D.
Assistant Professor, Electrical and Computer Engineering


V. Grant Recipients—Externally Sponsored

Nada M. Anid, Ph.D.
Dean, School of Engineering and Computing Sciences; Professor, Engineering

Creation of a Digital Forensics Lab and Establishment of Research, Training and Community Support within this Lab, in Concert with NYIT’s Cybersecurity Research Center in N.Y., as well as its Global Campuses in Vancouver, BC, Canada, and Abu Dhabi. Northrop Grumman Corporation. Corporate Contributions Program.

Engineering: Increase Enrollments (EngINE) Phase 2. Empire State Development. New York State Consolidated Funding application. CFA No. 18509, Project No. Y367.

Entrepreneurship and Technology Innovation Center (ETIC). Empire State Development. New York State Consolidated Funding Application. CFA No. 8309, Project No. X678.

Innovation Continuum: High School to College to Workforce. Empire State Development, New York State Consolidated Funding Application; CFA No. 42549.

NYIT Business Incubator. New York State Business Incubator and Innovation Hot Spot Support Program, NYS Consolidated Funding Application No. 68146.

Research and Education at NYIT’s Cybersecurity Research Center (New York and Abu Dhabi Campuses)

Northrop Grumman Corporation. Corporate Contributions Program. Principal Investigator.

Research and Technology Innovation Bioengineering Laboratory Empire State Development. New York State Consolidated Funding Application. Principal Investigator.


**N. Sertac Artan, Ph.D.**
Assistant Professor, Electrical and Computer Engineering

Scalable Name-Lookup Algorithms for Resilient Named Data Networking (NDN). Northrop Grumman Faculty Mini-Grants. A subdivision of the Research and Education at NYIT’s Cybersecurity Research Center Grant awarded to Nada Anid, Babak Beheshti, Huanying Gu, and Ziqian Dong.

Secure and private sensing for driver authentication and transportation safety. Region II University Transportation Research Center (UTRC), Award No. 49198-33-27.

Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology).

**Kiran S. Balagani, Ph.D.**
Assistant Professor, Computer Sciences


**Babak D. Beheshtii, Ph.D.**
Professor, Electrical and Computer Engineering, Electrical and Computer Engineering Technology

Houwei Cao, Ph.D.
Assistant Professor, Computer Sciences

Components and Interface Schemas for CDN Access Networks. Research Gift Funds. Huawei Technologies Co. LTD. Co-Principal Investigator with Yong Liu, NYU Tandon School of Engineering.

Security Analysis of Mobile Applications based on Text Mining and Analytics. Northrop Grumman Faculty Mini-Grants. Co-Principal Investigator. A subdivision of the Research and Education at NYIT’s Cybersecurity Research Center Grant awarded to Nada Anid, Babak Beheshti, Huanying Gu, and Ziqian Dong.

Conference Grants: ASSIST Travel Grant Support for the Academic Leadership for Women in Engineering (ALWE) program at the Women Engineers (WE17) Conference, Austin, Texas, October 26–28, 2017.

Remi Charron, Ph.D.
Associate Professor and Assistant Chairperson, Energy Management, Vancouver Campus


Ziqian Dong, Ph.D.
Associate Professor, Electrical and Computer Engineering


Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology).

Aydin Farajidavar, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Paolo Gasti, Ph.D.
Assistant Professor, Computer Science


Huanying Gu, Ph.D.
Associate Professor, Computer Science


Azhar Ilyas, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology). Faculty Advisor, Nassau County.

Fang Li, Ph.D.
Assistant Professor, Mechanical Engineering

Wenjia Li, Ph.D.
Assistant Professor, Computer Science


Securing Inter-Vehicular Networks with Time and Driver Identity Considerations. Region II University Transportation Research Center (UTRC), Award No. 49198-33-27.

Security Analysis of Mobile Applications based on Text Mining and Analytics. Northrop Grumman Faculty Mini-Grants. Principal Investigator, 09/2017–08/2018. A subdivision of the Research and Education at NYIT’s Cybersecurity Research Center Grant awarded to Nada Anid, Babak Beheshti, Huanying Gu, and Ziqian Dong.

Michael Nizich, Ph.D.
Director, Entrepreneurship & Technology Innovation Center


Marta A. Panero, Ph.D.
Director of Strategic Partnerships, School of Engineering and Computing Sciences


Maryam Ravan, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology).

Anand Santhanakrishnan, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology).

James J. Scire, Ph.D.
Assistant Professor, Mechanical Engineering


Jonathan Voris, Ph.D.
Assistant Professor, Computer Science

Secure and private sensing for driver authentication and transportation safety. Region II University Transportation Research Center (UTRC), Award No. 49198-33-27.
Evaluating Practical Considerations of Behavioral Biometrics for Mobile Devices, Northrop Grumman Faculty Mini-Grants. A subdivision of the Research and Education at NYIT’s Cybersecurity Research Center Grant awarded to Nada Anid, Babak Beheshti, Huanying Gu, and Ziqian Dong.
VI. Grant Recipients—Internally Sponsored

Reza K. Amineh, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Development of a Near-Field Cylindrical Microwave Imaging Technology.
Principal Investigator. ISRC Grant

N. Sertac Artan, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Principal Investigator. TLT Grant.

Co-Principal Investigator. ISRC Grant.

HOMES: High-Throughput On-Chip Massively-Parallel Signature Verification.
Principal Investigator. ISRC Grant.

Reconfigurable Signal Compressor Architecture for Low-Power Neural Implantable Devices.
Principal Investigator. ISRC Grant.

Secure Inter-Vehicular Communication with Time and Driver Identity Considerations.
Co-Principal Investigator. ISRC Grant.

Kiran S. Balagani, Ph.D.
Assistant Professor, Computer Science

Evaluating the Security and Resilience of Smartphone Behavioral Biometrics Using 3D Motion Capture.
Principal Investigator. ISRC Grant.

DISPERSE: DDoS Mitigation Through Adaptive Replication of Services and Content.
Co-Principal Investigator. ISRC Grant.

Co-Principal Investigator. ISRC Grant

An Exploration of USB Side Channels and Countermeasures.
Co-Principal Investigator. ISRC Grant.
Dorinamaria Carka, Ph.D.
Assistant Professor, Mechanical Engineering

Development of In-House Fortran Source-Code for Coupled Ferroelectric and Micromagnetic Phase-Field Simulations.
Principal Investigator. ISRC Grant.

A Modeling Platform to Support the Design of Novel Energy Efficient Multiferroic Biomedical Devices.
Principal Investigator. ISRC Grant.

Sonali Chandel, MSIT
Instructor, Computer Science, Nanjing Campus

RANSOMWARE: Cyber World’s New Terror
(Cause & Effects—A complete study from its origin to solution).
Principal Investigator. Global Faculty Summer Research & Creativity Grant (GFSRC)

Ziqian Dong, Ph.D.
Associate Professor, Electrical and Computer Engineering

Co-Principal Investigator. TLT Grant.

Principal Investigator. ISRC Grant.

Rishabh Dudheria, Ph.D.
Assistant Professor, Electrical and Computer Engineering, Nanjing Campus

Evaluating Anti-Phishing Effectiveness of Secure QR Code Scanners.
Global Faculty Summer Research and Creativity Grant (GFSRC).

Aydin Farajidavar, Ph.D.
Assistant Professor, Electrical and Computer Engineering

A Multi-Chanel Implantable System for Managing Gastric Disorders.
Principal Investigator. ISRC Grant.

A Novel Sensor for Simultaneous Measurement of Gastric Contractions and Bioelectrical Activities.
Principal Investigator. ISRC Grant.
Paolo Gasti, Ph.D.
Assistant Professor, Computer Science

An Exploration of USB Side Channels and Countermeasures. Principal Investigator. ISRC Grant.
Evaluating the Security and Resilience of Smartphone Behavioral Biometrics Using 3D Motion Capture. Principal Investigator. ISRC Grant.
DISPERSE: DDoS Mitigation Through Adaptive Replication of Services and Content. Principal Investigator. ISRC Grant.
HOMES: High-Throughput On-Chip Massively-Parallel Signature Verification. Co-Principal Investigator. ISRC Grant.

Huanying Gu, Ph.D.
Associate Professor, Computer Science


Azhar Ilyas, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Development of a 3D Bioprinter Utilizing the Dexter Robotic Framework. Co-Principal Investigator. ISRC Grant.

Fang Li, Ph.D.
Assistant Professor, Mechanical Engineering

On-Chip Studies of Human Pluripotent Stem Cell-Derived Cardiomyocyte Maturation. Principal Investigator. ISRC Grant.
Wenjia Li, Ph.D.
Assistant Professor, Computer Science

Enhancing Privacy of Users in Social Media.
Co-Principal Investigator. ISRC Grant.
Multilingual Multicultural Multimedia: Globally connected Mobile Learning Projects.
Co-Principal Investigator. TLT Grant.
Development of LC/MS-Based Direct RNA Sequencing with Concomitant Base-Calling and Modification Analysis Capability.
Co-Principal Investigator. ISRC Grant.
Secure Inter-Vehicular Communication with Time and Driver Identity Considerations.
Principal Investigator. ISRC Grant.
Towards Secure and Energy Efficient Routing for the Internet of Things.
Co-Principal Investigator. ISRC Grant.

Anand Santhanakrishnan, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Enhancing Privacy of Users in Social Media.
Principal Investigator. ISRC Grant.
DISPERSE: DDoS Mitigation Through Adaptive Replication of Services and Content.
Co-Principal Investigator. ISRC Grant.
Towards Secure and Energy Efficient Routing for the Internet of Things.
Principal Investigator. ISRC Grant.
An Exploration of USB Side Channels and Countermeasures.
Co-Principal Investigator. ISRC Grant.

James J. Scire, Ph.D.
Assistant Professor, Mechanical Engineering

Improved Algorithm for Turbine Inlet Temperature Measurement.
Principal Investigator. ISRC Grant.
Principal Investigator. ISRC Grant.

Jonathan Voris, Ph.D.
Assistant Professor, Computer Science

Principal Investigator. ISRC Grant.
Secure Inter-Vehicular Communication with Time and Driver Identity Considerations.
Co-Principal Investigator. ISRC Grant.
School of Health Professions
I. Authors

Tobi A. Abramson, Ph.D.
Adjunct Assistant Professor, Interdisciplinary Health Sciences


Melanie Austin-McCain, OTD, MPA, OTR/L
Assistant Professor, Occupational Therapy


Sheldon D. Fields, Ph.D., RN, FNP-BC, AACRN, FAANP, FNAP, FAAN
Dean and Professor, School of Health Professions


Mark Gugliotti, PT, D.P.T., OCS, C.O.M.T.
Assistant Professor, Physical Therapy

John P. Handrakis, PT, D.P.T., Ed.D., NCS
Professor, Physical Therapy


Lorraine Mongiello, Dr.P.H., RDN, CDE, BC-ADM
Assistant Professor, Interdisciplinary Health Sciences


Kristine Prazak, PA-C, M.S.
Assistant Professor, Physician Assistant Program


Veronica Southard, PT, DHSc, GCS
Associate Professor, Physical Therapy


Lisa Sparacino, Ph.D., RN, CNE, CHSE
Assistant Professor, Nursing


Pamela Treister, DNP, CNS, RN, CMSRN
Clinical Assistant Professor, Nursing


William Werner, PT, Ed.D.
Associate Professor, Physical Therapy


Corri Wolf, PA-C, M.S., RD
Associate Professor, Physician Assistant Studies

II. Presenters at Meetings

Peter Douris, PT, D.P.T., Ed.D., OCS
Professor, Physical Therapy


Sheldon D. Fields, Ph.D., RN, FNP-BC, AACRN, FAANP, FNAP, FAAN
Dean and Professor, School of Health Professions


Rosemary Gallagher, Ph.D., PT, D.P.T., GCS
Assistant Professor, Physical Therapy

Mark Gugliotti, PT, D.P.T., OCS, C.O.M.T.
Assistant Professor, Physical Therapy


John P. Handrakis, PT, D.P.T., Ed.D., NCS
Professor, Physical Therapy


Lorraine Mongiello, Dr.P.H., RDN, CDE, BC-ADM
Assistant Professor, Interdisciplinary Health Sciences


Veronica Southard, PT, DHSc, GCS
Associate Professor, Physical Therapy


William Werner, PT, Ed.D.
Associate Professor, Physical Therapy

III. Honorees and Awardees

Sheldon D. Fields, Ph.D., RN, FNP-BC, AACRN, FAANP, FNAP, FAAN
Dean and Professor, School of Health Professions

*Trailblazer Award* from the National Black Nurses Association, Inc. 45th Annual Institute and Conference, Las Vegas, Nev. [www.nbna.org](http://www.nbna.org)

John P. Handrakis, PT, D.P.T., Ed.D., NCS
Professor, Physical Therapy


William Werner, PT, Ed.D.
Associate Professor, Physical Therapy

IV. Grant Recipients—Externally Sponsored

Karen Friel, PT, D.H.S.
Professor and Chairperson, Physical Therapy

Related Services Scholarships in Occupational Therapy and Physical Therapy. New York City Department of Education, Scholarship Programs for Special Education in Teaching and Clinical Disciplines for Related Services.

John P. Handrakis, PT, D.P.T., Ed.D., NCS
Professor, Physical Therapy


Mindy Haar, Ph.D., RD, CDN
Director, Academic Management, Interdisciplinary Health Sciences

A Living Laboratory for Nutrition Education. Allen Foundation Inc.

Lorraine Mongiello, Dr.P.H., RDN, CDE, BC-ADM
Assistant Professor, Interdisciplinary Health Sciences

A Living Laboratory for Nutrition Education. Allen Foundation Inc.

V. Grant Recipients—Internally Sponsored

Michelle Farella-Accurso, PT, D.P.T.
Physical Therapist, Academic Health Care Center

The Relationship Between Cognition and Balance Using the Montreal Cognitive Assessment and the MiniBESTest in Parkinson’s Disease. Co-Principal Investigator. ISRC Grant.
Anoma Zehra Ahmed, PA-C, MBBS
Assistant Professor and Chairperson, Physician Assistant Studies
Communities on the Move: Partnering for Wellness and Empowerment. Co-Principal Investigator. ISRC Grant.

Melanie Austin-McCain, OTD, MPA, OTR/L
Assistant Professor, Occupational Therapy
Communities on the Move: Partnering for Wellness and Empowerment. Principal Investigator. ISRC Grant.

Rosemary Gallagher, Ph.D., PT, D.P.T., GCS
Assistant Professor, Physical Therapy
The Relationship Between Cognition and Balance Using the Montreal Cognitive Assessment and the MiniBESTest in Parkinson’s Disease. Principal Investigator. ISRC Grant.
Evaluating the Security and Resilience of Smartphone Behavioral Biometrics Using 3D Motion Capture. Co-Principal Investigator. ISRC Grant.

Eric Greenberg, PT, D.P.T., SCS, CSCS
Assistant Professor, Physical Therapy
Comparison of Running Mechanics With and Without the Use of a Specialized Belt System in a Group of Healthy Runners. Principal Investigator. ISRC Grant.

Mark Gugliotti, PT, D.P.T., OCS, C.O.M.T.
Assistant Professor, Physical Therapy
Lumbar Spinal Palpation Simulator. Principal Investigator. TLT Grant.
Mindy Haar, Ph.D., RD, CDN  
Director, Academic Management, Interdisciplinary Health Sciences  


Veronica Southard, PT, DHSc, GCS  
Associate Professor, Physical Therapy  

Does Whole Body Periodic Acceleration Improve Sleep Disturbances in Persons with Parkinson’s Disease? Principal Investigator. ISRC Grant.

William Werner, PT, Ed.D.  
Associate Professor, Physical Therapy  


Comparison of Running Mechanics With and Without the Use of a Specialized Belt System in a Group of Healthy Runners. Co-Principal Investigator. ISRC Grant.
“Wherever smart people work, doors are unlocked.”

—Steve Wozniak
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New York Institute of Technology and improvscience in partnership with CESTEMER. PressForward Project at the Roy Rosenzweig Center for History and New Media. Alfred P. Sloan Foundation.
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Professional Development for Instructional Technology. New York City Department of Education. MTAC R1077; Professional Development for Instructional Technology, DOE/State Contract # QR077AJ.

IV. Grant Recipients—Internally Sponsored

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Examining the Effects of Playing Video Games on Creative Thinking. Co-Principal Investigator. ISRC Grant.

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Training Future Administrators to Supervise School Counselors: An Interdepartmental Approach. Principal Investigator. TLT Grant.

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Co-Principal Investigator. ISRC Grant.

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Principal Investigator. ISRC Grant
Building Resilient Communities.
Co-Principal Investigator. ISRC Grant.
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Co-Principal Investigator. TLT Grant.

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Principal Investigator. TLT Grant.
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Co-Principal Investigator. TLT Grant.
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Co-Principal Investigator. ISRC Grant.
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Co-Principal Investigator. TLT Grant.

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Co-Principal Investigator. ISRC Grant.  
Building Resilient Communities.  
Co-Principal Investigator. TLT Grant.

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Mobile Learning Projects.  
Principal Investigator. TLT Grant.
“Whatever good things we build end up building us.”

—Jim Rohn
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Bienstock J. (2017, October). Managing employee speech on social media to protect reputation and brand: Overcoming the legal constraints established by the NLRB. Presentation at the International Academy of Business and Economics Conference, NYIT-Manhattan, New York City.


Seaman C., LaPerla J., Bienstock J. (2017, October). The challenges of integrating international students into the US University Classroom: A brave new world. Presentation at the International Academy of Business and Economics Conference, NYIT-Manhattan, New York City.


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Editorial Advisory Board Member, Accounting and Taxation. ISSN: 1944-592x (print), ISSN: 2157-0175 (online). http://www.theibfr.com/at.htm

Editorial Advisory Board Member, Review of Business and Finance Case Studies. ISSN: 2150-3338 (print), ISSN: 2156-8081 (online). http://www.theibfr.com/rbfcas.htm


Editorial Advisory Board Member, Chinese American Scholars Association (CASA) ISSN: 1935-4819. http://www.g-casa.com/journal.htm

Reviewer of Refereed Journal, the BAI, International Journal of Business and Information.

ISSN: 1944-592x (print), ISSN: 2157-0175 (online). 
http://www.theibfr.com/at.htm


Purushottam L. Meena, Ph.D.
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Editorial Advisory Board Member, Enhancing competitive advantage with dynamic management and engineering, IGI Publication; ISBN13: 9781522553601.


Editorial Board Member, International Journal of Supply Chain and Inventory Management, Inderscience publication 2017; ISSN print: 2054-099X. 

Editorial Board Member, International Journal of Complexity in Applied Science and Technology, Inderscience publication 2017; ISSN print: 1740-0546. 

Editorial Board Member, Latin American Journal of Management for Sustainable Development, Inderscience publication 2017; ISSN print: 2052-0336. 

Editorial Board Member, Asian Journal of Management Science and Applications, Inderscience publication 2017; ISSN print: 2049-8683. 

Editorial Board Member, International Journal of Collaborative Intelligence, Inderscience publication 2017; ISSN print: 2051-7122. 


https://www.igi-global.com/journal/international-journal-applied-management-sciences/68203

Editorial Board Member, International Journal of Remanufacturing, 
Inderscience publication 2017; ISSN print: 1758-7964. 

Editorial Board Member, International Journal of Automation Logistics, 
Inderscience publication 2017; ISSN print: 2049–6745. 
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Associate Professor, Marketing

Joshua E. Bienstock, J.D., L.L.M.
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A Cross Country Comparison of Digital Social Media in the Workplace: Israel and the US.
Mallah Family Foundation.

A Four-Country Comparison of Digital Social Media in the Workplace.
Albert and Pearl Ginsberg Foundation Inc.

Rakesh Mittal, Ph.D.
Assistant Professor, Human Resource Management

Joshua E. Bienstock, J.D., L.L.M.
Assistant Professor, Law

Influence of Leader Behavior on Work-Home Balance of Followers and their Life Satisfaction.
Mallah Family Foundation Inc.
Birasnav Muthuraj, Ph.D.
Assistant Professor, Quantitative Methods

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Antecedents and Outcomes of the Relationship Between Collaborative Communication and Organizational Learning. Mallah Family Foundation.

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Yours, Mine or Ours? Psychological Ownership, Territoriality and Narcissism in Consumer Behavior. Principal Investigator. ISRC Grant.
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Impact of Transformational and Transactional Leadership on the Buyer-Supplies Relationship in a Supply Chain: An Empirical Study.
Principal Investigator. ISRC Grant.

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Impact of Transformational and Transactional Leadership on the Buyer-Supplies Relationship in a Supply Chain: An Empirical Study.
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“The greatest gift you can give someone is the gift of inspiration.”

—Cornel West
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Coordinated Collection Development Aid for 2017–2018. New York State Education Department/Long Island Library Resources Council; Project No. 0315180110.

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—John Dewey
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Capozzi B., Jeger A. M. (2017, November). *Communication Skills for Physician Leaders/Educators*. Lecture presented at the Graduate Medical Education Faculty Development Meeting, Brookdale University Hospital Medical Center, co-sponsored by NYITCOM and New York Medical College, Brooklyn, N.Y.

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