Annual Faculty Scholars Reception

NYIT de Seversky Mansion
Wednesday, April 29, 2015
Annual Faculty Scholars Reception
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Co-Conveners:

Rahmat Shoureshi, Ph.D.
*Provost and Vice President for Academic Affairs*

Barbara Ross-Lee, D.O.
*Vice President for Health Sciences and Medical Affairs*

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

Allison Andors, Ph.D.
*Assistant Provost for Research and Director of Sponsored Programs and Research*

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.
"The mind that opens to a new idea never returns to its original size," Albert Einstein aptly reflected. We are here at NYIT in part because we celebrate the rich life of the mind in our scholarly and creative pursuits. And I’m proud to report that NYIT’s research capability and scholarship as well as our creative output grow stronger each year. As it should: a good university is an idea incubator, a zone of exploration where we promote new ideas, accept failure, reward creativity, breed innovation, and foster interdependent learning.

NYIT has become such a university. With your devotion to scholarship, creativity and teaching, you contribute to the success of this university and its reputation as an exceptional institution of higher education.

Each year, it is rewarding to celebrate faculty who have demonstrated through their scholarship and creative work the quality of our collective minds, and I am most impressed by the seamless integration of much of this work with our teaching mission. Many of you embrace the opportunity to conduct research with our students, sharing your talents and providing them with crucial experience in conducting research, and perhaps even having it published. This value proposition provides a meaningful advantage as our students prepare for careers in today’s global knowledge economy.

Thank you for shining the spotlight on our institution and enhancing its reputation through your work. You model what is special about life at NYIT for our students, motivating them and bringing new ideas to our classrooms, studios, and laboratories by engaging in the creation and nurturing of ideas.

I am proud to have been part of this celebration during my academic career and look forward to toasting with you what is very right about our university and the academy.

Wishing you continued success.

Edward Guiliano, Ph.D.
President
New York Institute of Technology
Foreword

Research and scholarship advance knowledge through discovery. Enabling students to discover, be observant and objective, draw inferences, and look for the unknown are all part of their learning. At NYIT, student learning is the hallmark of our education and our highest priority. Many studies have shown that engaged inquiry has a profound impact on student learning. Scholarship and creative work provide an effective means of engagement among faculty and students, thereby, positively influencing the student learning. Therefore, we strongly believe there is a synergy between teaching and scholarship. Since scholarship and teaching are mutually sustainable endeavors, then by maintaining a healthy balance and integration of these two fundamentals of academia, NYIT students would be able to experience a positive reinforcement in learning, and in turn will become productive and contributing professionals for the global community.

It is my distinct pleasure and honor to recognize NYIT faculty scholarship, which has not only resulted in their professional development and increased national and international recognition, but also has more importantly enhanced student learning at NYIT. Each year is a new beginning for faculty ideas, creation and incubation, and I look forward to working with the NYIT faculty and students to further expand our scholarship and facilitate the development and recognition of a teacher-scholar model.

Welcome to this year’s faculty scholarship event and enjoy reading and learning about the high-quality research and creative endeavors of the NYIT community.

Professor Rahmat Shoureshi
Provost and Vice President for Academic Affairs
New York Institute of Technology
Foreword

The comparative reputation of institutions of higher education is related to: 1) the quality of teaching measured by the success of alumni; 2) contributions to the expansion and enhancement of the human knowledge-base through scholarship in chosen fields of expertise and acquisition of competitive investments in studies and/or projects through external and internal grants/contracts; and 3) professional recognition of the individual achievements of faculty, staff, and administration, both nationally and internationally.

Institutional pride resides in the acknowledgement of excellence in teaching and scholarship produced and delivered by members of the academy. We at NYIT have many reasons to be proud, including the scholarship of our colleagues. Annually, we pause to recognize the scholarly achievements of each member of our community. Each year the achievements increase in number, breadth, and depth.

Congratulations to each of the contributors at this annual NYIT event! We are honored by your membership in our NYIT community and proud of each of you.

Barbara Ross-Lee, D.O.
Vice President for Health Sciences and Medical Affairs
New York Institute of Technology
Foreword

Scholarly achievements move us forward in many ways. By exploring, explaining and improving the world around us, and challenging those who are starting their path of learning. 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 the faculty scholars has been established as an important tradition 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 R. Balentine, D.O., FACEP
Vice President for Medical Affairs and Global Health
New York Institute of Technology
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LaGrandeur K. What is the difference between posthumanism and transhumanism? Institute for Ethics and Emerging Technologies, Ethical Technology section (published online Jul. 28, 2014); http://ieet.org/index.php/IEET/more/lagrandeur20140729.
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Gagna C.E. [Featured Interview in Article.] Member profiles, The Biologist 2014; 61(2): 44.

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III. HONOREES AND Awardees

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IV. Grant Recipients – Externally Sponsored

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Affordable Housing in New York City: Triumph, Challenge, and Opportunity. Institute of International Education; Award No. 0140-0102, subgrant under award from the Ford Foundation.

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Folk Arts in New York State. U.S. Department of State, American Cultural Centers Supplemental Funding; Award No. S-CH500-14-GR230.
Cultures of the American Gulf Coast: Work and Play in Story and Song from Louisiana to Florida. U.S. Department of State, American Cultural Centers Supplemental Funding; Award No. S-CH500-13-GR329.

Michael Hadjiargyrou, Ph.D.
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Skeletal Effects of Methylphenidate. State University of New York - Stony Brook; Subaward No. 1108834-2-63921, under award from the National Institutes of Health, Prime Award No. 1 R01 HD070888-01A1.

Kevin LaGrandeur, Ph.D.
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An Investigation of Robot Ethics; part of the project Metabody: Media Embodiment Tékhne and Bridges of Diversity. European Commission; Education, Audiovisual & Culture Executive Agency, Culture Programme 2007-2013; Award No. 536163.

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Collaborative Research: Cyber-enabled Learning: Digital Natives in Integrated Scientific Inquiry Classrooms. National Science Foundation, Discovery Research Program; Award No. DRL-1020091.
V. Grant Recipients – Internally Sponsored

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Nowhere to Go But Back (Book Project). Principal Investigator. ISRC Grant.

Second City: A Replication of a Media and Domestic Violence Study. Principal Investigator. ISRC Grant.

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Lumen Art Prize for Digital Art Exhibition. Co-Principal Investigator. ISRC Grant.

Nicholas D. Bloom, Ph.D.
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Standing Tall: Exhibition, Catalog and Public Programs for The Museum of the City of New York. Co-Principal Investigator. ISRC Grant.

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New Interdisciplinary Directions in James Joyce Studies. Principal Investigator. ISRC Grant.

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I Would Still Plant My Apple Tree: Resiliency and African American Youth in the Late Twentieth Century. Principal Investigator. ISRC Grant.


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Profiling of miRNA Expression During Fracture Repair. Principal Investigator. ISRC Grant.

Does Mustn1 Regulate Skeletal Muscle Development? Principal Investigator. ISRC Grant.
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SodaBIBs: Design-Build Prototypical Recycling Stations for NYIT. Co-Principal Investigator. ISRC Grant.

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Using Avatar Applications and Virtual Reality to Empower K-12 Students’ Problem Solving. Co-Principal Investigator. ISRC Grant.

Science & Art Behind Homo-Chiral Crystal Growth. Co-Principal Investigator. ISRC Grant.

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The Philosophical Roots of Moral Machines. Principal Investigator. ISRC Grant.

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Philosophy of Technology in the Built Environment. Co-Principal Investigator. TLT Grant.

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Creation of a Degron for Controllable Mitochondrial Protein Expression. Principal Investigator. ISRC Grant.

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Electronic Student Evaluation of Teaching (e-SET) and Student Profiles: A Study of Cultural Background and Learning Style in Assessment of University. Principal Investigator. ISRC Grant.

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Novel Aspirins Modulate NMDA Receptors and the Wnt/β-catenin Pathway: Implications in Mood-Disorders, Chronic Stress and Neurodegenerative Disorders. Principal Investigator. ISRC Grant.

Structure-Activity Elucidation of Chiral Medicinal Natural Products. Co-Principal Investigator. ISRC Grant.
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Cross-Disciplinary Development Learning Application Based on Virtual Ecosystems of Endangered Species. Co-Principal Investigator. ISRC Grant.

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Science & Art Behind Homo-Chiral Crystal Growth. Principal Investigator. ISRC Grant.

Structure-Activity Elucidation of Chiral Medicinal Natural Products. Principal Investigator. ISRC Grant.

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What Variables Moderate the Effect of Formal Punishment on Future Behavior? Principal Investigator. ISRC Grant.

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Kappenberg J. Roadmap of services for Long Island families and people with special needs. DVD resource for health professionals, produced in conjunction with the Long Island Regional Technical Assistance Team, 2014.

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PRESENTERS AT MEETINGS AND CONFERENCES (continued)

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Wolfgang G. Gilliar, D.O., FAAPMR
*Dean, College of Osteopathic Medicine*

Selected as *Committee Chairperson* of the American Association of Colleges of Osteopathic Medicine’s (AACOM) Ad Hoc Committee on Graduate Medical Education Transition; [http://www.aacom.org/docs/default-source/single-gme-accreditation/gme-transitions-p3r.pdf](http://www.aacom.org/docs/default-source/single-gme-accreditation/gme-transitions-p3r.pdf).

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

*Certificate of Recognition.* For participation as an item writer in the development of COMLEX Examinations, awarded by the National Board of Osteopathic Medical Examiners, 2014.

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*Certificate of Recognition.* For participation as an item writer in the development of COMLEX Examinations, awarded by the National Board of Osteopathic Medical Examiners, 2014.
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Sheldon C. Yao, D.O.
Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine

Certificate of Recognition. For participation as an item writer in the development of COMLEX Examinations, awarded by the National Board of Osteopathic Medical Examiners, 2014.

NBOME 2014 Item Writer of the Year. For COMLEX-USA Osteopathic Principles and Practices, out of over three-hundred and fifty contributing writers, awarded by the National Board of Osteopathic Medical Examiners.

Award for Excellence in Teaching - Clinical Sciences. NYIT College of Osteopathic Medicine, Class of 2014, May 19, 2014.


IV. GRANT RECIPIENTS – EXTERNALLY SPONSORED

Kurt Amsler, Ph.D.
Professor, Biomedical Sciences; Associate Dean, Research
Src Family Kinases and Control of Epithelial Cell Paracellular Permeability. National Institutes of Health; Grant No. 1R15DK091749-01A1.

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Associate Professor and Chairperson, Family Medicine
An Accelerated DO/Family Medicine Residency Continuum. Health Resources and Services Administration, Primary Care Training and Enhancement, Predoctoral Training in Primary Care Program; Award No. 6 D56HP23269-03-01.

Family Physician Faculty Training in Geriatrics. Health Resources and Services Administration, Primary Care Training and Enhancement, Physician Faculty Development in Primary Care Program; Award No. 6 D55HP23200-03-01.

Jack L. Conrad, Ph.D.
Assistant Professor, Anatomy
Collaborative Research: Taphonomy, Paleoecology, and Evolution of Mammals and Squamates from Egg Mountain: An Exceptional View of a Late Cretaceous Ecosystem. National Science Foundation, Sedimentary Geology and Paleobiology; Grant No. EAR-1325457.

Bennett Futterman, M.D.
Assistant Professor, Anatomy
Leonard B. Goldstein, D.D.S., Ph.D.
Director, Clerkship Education
Introduction to Clinical Medicine 2013. Ethicon, Inc./Johnson & Johnson; Grant Identification No. 155391.

Introduction to Clinical Medicine 2014. Ethicon, Inc./Johnson & Johnson; Grant Identification No. 186122.

Jonathan H. Geisler, Ph.D.
Associate Professor, 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
Low Thyroid Function and Myocardial Infarction. National Institutes of Health, National Heart, Lung, and Blood Institute; Grant No. R01 HL103671.

Clair Jacobi, B.S.
Director, Financial Aid
Creating a Diverse Medical Workforce. Health Resources and Services Administration, Scholarships for Disadvantaged Students; Award No. 5 T08HP25287-03-00.

Isaac Kurtzer, Ph.D.
Assistant Professor, Biomedical Sciences
Patterns of Long-Latency Reflexes in the Multi-Joint Arm During Parkinson's Disease. Rehabilitation Institute of Chicago; RIC Reference No. 2684, subcontract under award from the National Institutes of Health, Engineering for Neurologic Rehabilitation, Prime Award No. RFA-HD-09-013.

Qiangrong Liang, M.D., Ph.D.
Associate Professor, Biomedical Sciences
Necessity of AMPK Activation for Caloric Restriction-Induced Cardioprotection. National Institutes of Health, Academic Research Enhancement Award; Award No. 1 R15 HL120027-01A1.

Aleksandr Vasilyev, M.D., Ph.D.
Assistant Professor, Biomedical Sciences
Zebrafish Model of Acute Kidney Injury. National Institutes of Health, Small Research Grant Program; Grant No. 5 R03 DK097443-03.

A Novel Epithelial Cell Migration Drives Nephron Repatterning and Convolution. National Institutes of Health, Mentored Clinical Scientist Research Career Development Award; Grant No. 7 K08 DK082782-05.

Sheldon C. Yao, D.O.
Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine
The Effect of Table Trainer Ratios on Student Learning of Cervical Muscle Energy Techniques. American Association of Colleges of Osteopathic Medicine; subaward under award to A.T. Still University.
V. GRANT RECIPIENTS – INTERNALLY SPONSORED

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

Experimental Animal Studies of Dental Microwear: Causes, Correlations, and Contact Mechanics. Principal Investigator. NYIT COM In-House Grant.

Eduard I. Dedkov, M.D., Ph.D.
Assistant Professor, Biomedical Sciences

Does Mustn1 Regulate Skeletal Muscle Development? Co-Principal Investigator. ISRC Grant.

Bennett Futterman, M.D.
Assistant Professor, Anatomy

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? Co-Principal Investigator. ISRC Grant.

Robert V. Hill, Ph.D.
Associate Professor and Chairperson, Anatomy

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? Co-Principal Investigator. ISRC Grant.

To Shan Li, D.O.
Assistant Professor, Osteopathic Manipulative Medicine

Effect of Osteopathic Manipulative Medicine on Constipation in Parkinson’s Disease. Principal Investigator. NYIT COM In-House Grant.

Matthew C. Mihlbachler, Ph.D.
Associate Professor, Anatomy; Director, Academic Medicine Scholars Program

Experimental Animal Studies of Dental Microwear: Causes, Correlations, and Contact Mechanics. Co-Principal Investigator. NYIT COM In-House Grant.

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

Gestational Hypothyroidism-Induced Neocortical Malformations: Effects on Neuronal and Network Excitability. Principal Investigator. NYIT COM In-House Grant.
GRANT RECIPIENTS – INTERNALLY SPONSORED (continued)

Qiangrong Liang, M.D., Ph.D.
Associate Professor, Biomedical Sciences
Mitochondrial Degradation in Doxorubicin-Induced Cardiomyocyte Injury. Principal Investigator. NYIT COM In-House Grant.

Dong Zhang, Ph.D.
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Elucidation of the Molecular Mechanism Behind the Physical and Genetic Interaction Between BRCA1 and FANC M. Principal Investigator. NYIT COM In-House Grant.
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IV. HONOREES AND AWARDEES

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*American Institute of Architects (AIA) College of Fellows*. Elected by the Jury of Fellows to the AIA’s prestigious College of Fellows, honoring those architects who have made a significant contribution to architecture and society and who have achieved a standard of excellence in the profession; [http://www.aia.org/practicing/awards/2015/fellows/index.htm](http://www.aia.org/practicing/awards/2015/fellows/index.htm).

Jeffrey Raven, M.Arch., FAIA, LEED AP
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*American Institute of Architects (AIA) College of Fellows*. Elected by the Jury of Fellows to the AIA’s prestigious College of Fellows, honoring those architects who have made a significant contribution to architecture and society and who have achieved a standard of excellence in the profession; [http://www.aia.org/practicing/awards/2015/fellows/index.htm](http://www.aia.org/practicing/awards/2015/fellows/index.htm).

Jon Michael Schwarting, B.Arch., M.Arch.
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*Educator Award*. Presented to an educator who has consistently endeavored to advance the profession through promoting the importance of quality architecture and its positive influence on society. Awarded by the American Institute of Architects (AIA) Long Island Chapter, Oct. 15, 2014.
V. PATENTS

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Standing Tall: Exhibition, Catalog and Public Programs for The Museum of the City of New York. Principal Investigator. ISRC Grant.

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Philosophy of Technology in the Built Environment. Principal Investigator. TLT Grant.

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SodaBIBs: Design-Build Prototypical Recycling Stations for NYIT. Principal Investigator. ISRC Grant.

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E.1027 to Tempe à Pailla: Collaboration to Independence in the Work of Eileen Gray. Co-Principal Investigator. ISRC Grant.

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BuckyFarm at Welwyn. Principal Investigator. ISRC Grant.

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Carol A. Dahir, Ed.D. (continued)
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Dahir C., Coates D. District leaders, principals, and counselors common goals. [Presentation.] New York State School Counselor Summit, Albany, N.Y., Apr. 7-8, 2014.


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Hui-Yin Hsu, Ph.D. (continued)
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PRESENTERS AT MEETINGS AND CONFERENCES (continued)

Shiang-Kwei Wang, Ph.D. (continued)
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III. GRANT RECIPIENTS – EXTERNALLY SPONSORED

Carol A. Dahir, Ed.D.
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Realizing My Dream. New York State Higher Education Services Corporation, College Access Challenge Grants Program (CACGP); Contract No. T112274.

Colleges2Kids-Kids2College (C2K-K2C) Program. Commission on Independent Colleges and Universities; subgrant under award from the New York State Higher Education Services Corporation.

Transforming School Counseling in Turkey, Ege University, Izmir, Turkey. Fulbright Specialist Grantee; U.S. Department of State’s Bureau of Educational and Cultural Affairs (ECA) and the Institute of International Education’s Council for International Exchange of Scholars (CIES).

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Pathways to Cleaner Production in the Americas through Integration of Business, Engineering and Environmental Education. Illinois Institute of Technology/Higher Education for Development (HED)/United States Agency for International Development (USAID); Agreement No. HED084-97SD-LAC-12-01.

Tao Zhang, Ph.D.
Associate Professor, Electrical and Computer Engineering

Michael Colef, Ph.D.
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Sarah McPherson, Ed.D.
Associate Professor and Chairperson, Instructional Technology

Enhancing the Electrical and Computer Engineering Curriculum by Integrating Applications of Wireless Technology. National Science Foundation, Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES); Award No. DUE-1044596.

Stan Silverman, M.S.
Professor, Instructional Technology; Director, Technology Based Learning Systems

Darren J. Faccilonga, M.S.
Associate Director and Distributed Learning Content Specialist, Technology Based Learning Systems

NY ITA Intel® Teach Program. Intel Corporation; Grant No. 11709917.

STEPing Into STEM. New York State Education Department; Contract No. C401601.
**Grant Recipients – Externally Sponsored (continued)**

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Collaborative Research: Cyber-enabled Learning: Digital Natives in Integrated Scientific Inquiry Classrooms. National Science Foundation, Discovery Research Program; Award No. DRL-1020091.
IV. Grant Recipients – Internally Sponsored

Carol A. Dahir, Ed.D.
Professor and Chairperson, School Counseling
Using Avatar Applications and Virtual Reality to Empower K-12 Students’ Problem Solving. Principal Investigator. ISRC Grant.

Jim Martinez, Ph.D.
Assistant Professor, Instructional Technology
Service Learning and Creating Zones of Proximal Development for STEAM (Science, Technology, Engineering, Arts, Math) Learning. Principal Investigator. ISRC Grant.

Sarah McPherson, Ed.D.
Associate Professor and Chairperson, Instructional Technology
Cross-Disciplinary Development Learning Application Based on Virtual Ecosystems of Endangered Species. Co-Principal Investigator. ISRC Grant.

Robert S. Rotunda, Ed.D.
Adjunct Professor, School Counseling
Evaluating the Impact of an Online Supervision Training Module. Co-Principal Investigator. TLT Grant.

Megyn L. Shea, Ph.D.
Assistant Professor, School Counseling
Development of an Interactive Online Video Supervision Training Program. Principal Investigator. TLT Grant.
Evaluating the Impact of an Online Supervision Training Module. Principal Investigator. TLT Grant.
Using Avatar Applications and Virtual Reality to Empower K-12 Students’ Problem Solving. Co-Principal Investigator. ISRC Grant.
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Liu H., Dong Z., Gu H. Microblogging as a social sensing tool. IEEE 11th International Conference on Networking, Sensing and Control, pgs. 513-517; Miami, F.L., Apr. 7-9, 2014; DOI: 10.1109/ICNSC.2014.6819679.
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II. PRESENTERS AT MEETINGS AND CONFERENCES

Nada M. Anid, Ph.D.
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Anid N.M. Introductory and final panels. [Moderator.] Clean Water Matters: Challenges and Research Perspectives Workshop, Peking University, Beijing, China, Apr. 18, 2014; http://www.nyit.edu/conferences/water-energy_workshop/.


Anid N.M. Workshop on research collaboration opportunities. [Presentation.] Pathways to Cleaner Production in the Americas 3rd Annual Meeting, Lima, Peru, Aug. 6-8, 2014.


Steven H. Billis, Ph.D.
Professor, Electrical and Computer Engineering


Stephen J. Blank, Ph.D.
Professor, Electrical and Computer Engineering


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


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


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


Panero M.A. Partnership’s training, impacts and outreach targets. [Presentation.] Pathways to Cleaner Production in the Americas 3rd Annual Meeting, Lima, Peru, Aug. 6-8, 2014.
Marta A. Panero, Ph.D. (continued)
Director of Strategic Partnerships, School of Engineering and Computing Sciences

III. HONOREES AND AWARDEES

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


http://mass2014.eecs.utk.edu/. 
IV. PATENTS

Ziqian Dong, Ph.D.
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V. Grant Recipients – Externally Sponsored

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

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

Clean Water Matters: Challenges and Research Perspectives Workshop. National Science Foundation, Environmental Sustainability Program; Award No. CBET-1438644.

Entrepreneurship and Technology Innovation Center (ETIC). U.S. Department of Commerce, Economic Development Administration; EDA Project No. 01-01-14382.

Nada M. Anid, Ph.D.
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Robert Amundsen, Ph.D.
Associate Professor and Chairperson, Energy Management

Collaborative Research: A Novel, Multidisciplinary, Multi-Campus Undergraduate Minor to Enhance STEM Learning in Energy Science, Technology and Policy. National Science Foundation, Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES); Award No. DUE-1245943.

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Joanne L. Scillitoe, M.B.A., Ph.D.
Associate Professor, Management; Director, Center for Entrepreneurial Studies

Entrepreneurship Path for Undergraduate Students: Turning Ideas into Companies. National Collegiate Inventors and Innovators Alliance, Course and Program Grants; Grant No. 10723-13.

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

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

Engineering: Increase Enrollments (EngINE) Phase 2. Empire State Development, New York State Consolidated Funding Application; Project No. Y367/CFA No. 18509.
GRANT RECIPIENTS – EXTERNALLY SPONSORED (continued)

Nada M. Anid, Ph.D.  
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- Pathways to Cleaner Production in the Americas through Integration of Business, Engineering and Environmental Education. Illinois Institute of Technology/Higher Education for Development (HED)/United States Agency for International Development (USAID); Agreement No. HED084-97SD-LAC-12-01.

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- Paolo Gasti, Ph.D.  
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- Exploring Verification and Validation Approaches for Agent-Based Disease Spread Models. Department of Defense, Defense Threat Reduction Agency (DTRA); Subcontract No. 4000114871, under award to UT-Battelle, LLC, Oak Ridge National Laboratory.

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

- REU Site: Research on Security of Mobile Devices and Wireless Networks at New York Institute of Technology. National Science Foundation, Research Experiences for Undergraduates (REU) Sites and Supplements; Award No. CNS-1263283.

- ENGAGE Everyday Examples in Engineering (E3s) Mini-Grant. National Science Foundation, NSF ENGAGE Mini-Grant; subgrant under award to the Stevens Institute of Technology.
GRANT RECIPIENTS – EXTERNALLY SPONSORED (continued)

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

Performance Based Research: Wireless Sensing of Gastric Electrical Activity. Auckland Bioengineering Institute, Performance Based Research Fund.

ABI Internal Funds for Gastric Electrical Recording Device Fabrication. Auckland Bioengineering Institute, Performance Based Research Fund.

Huanying Gu, Ph.D.
Associate Professor, Electrical and Computer Engineering

Evaluation of Drug Data Mapping Design and Implementation. PDR Network, LLC.

Chung Hyuk Park, Ph.D.
Assistant Professor, Electrical and Computer Engineering

NRI: Music-based Interactive Robotic Orchestration for Children with ASD. National Institutes of Health, National Robotics Initiative; Award No. 1 R01 HD082914-01.

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


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Workshop on Virtual Reality, Gaming and Individuals with Disabilities. National Science Foundation, General and Age-Related Disabilities Engineering Program; Award No. CBET-1445862.

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Pathways to Innovation 2015. Co-sponsored by VentureWell and Stanford University’s National Science Foundation-funded National Center for Engineering Pathways to Innovation (Epicenter).
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MRI: Acquisition of a DC/RF Sputtering System to Support Multi-disciplinary Research on Medical Sensors and Micro-generators in WBAN. National Science Foundation, Major Research Instrumentation Program (MRI): Instrument Acquisition or Development; Grant No. ECCS-1337965.

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Enhancing the Electrical and Computer Engineering Curriculum by Integrating Applications of Wireless Technology. National Science Foundation, Transforming Undergraduate Education in Science, Technology, Engineering and Mathematics (TUES); Award No. DUE-1044596.
VI. GRANT RECIPIENTS – INTERNALLY SPONSORED

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

Privacy-Preserving Continuous Authentication of Smartphone Users Using Hand-Orientation. Principal Investigator. ISRC Grant.

Privacy-Preserving User Authentication Using 3-D Haptic Interactions. Co-Principal Investigator. ISRC Grant.

Wei Ding, Ph.D.
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Privacy-Preserving Estimation of Password Strength. Co-Principal Investigator. ISRC Grant.

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

Body Area Sensor Network for Nonintrusive Freezing-Of-Gait Study of Individuals with Parkinson’s Disease. Principal Investigator. ISRC Grant.

Aydin Farajidavar, Ph.D.
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A Multi-Channel Implantable System for Monitoring Gastric Electrical Activities. Principal Investigator. ISRC Grant.

Continuous Monitoring and Educating Children With Autism. Principal Investigator. ISRC Grant.

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Privacy-Preserving User Authentication Using 3-D Haptic Interactions. Principal Investigator. ISRC Grant.

Privacy-Preserving Estimation of Password Strength. Principal Investigator. ISRC Grant.

Privacy-Preserving Continuous Authentication of Smartphone Users Using Hand-Orientation. Co-Principal Investigator. ISRC Grant.

Huanying Gu, Ph.D.
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Auditing UMLS Semantic Type Assignment Using SNOMED CT. Principal Investigator. ISRC Grant.

Body Area Sensor Network for Noninvasive Freezing-Of-Gait Study of Individuals with Parkinson’s Disease. Co-Principal Investigator. ISRC Grant.
Abdolhossei Kashani, M.S.
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Cross-Disciplinary Development Learning Application Based on Virtual Ecosystems of Endangered Species. Principal Investigator. ISRC Grant.

Using Avatar Applications and Virtual Reality to Empower K-12 Students’ Problem Solving. Co-Principal Investigator. ISRC Grant.

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Low Frequency Piezoelectric Energy Harvester for Wireless Body Area Networks. Principal Investigator. ISRC Grant.


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Privacy-Preserving User Authentication Using 3-D Haptic Interactions. Co-Principal Investigator. ISRC Grant.

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Digital Holography for the Study of Droplets and Sprays. Principal Investigator. ISRC Grant.

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Control of Freeway Traffic Using Wireless Cellular Networks. Principal Investigator. ISRC Grant.
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Ciani G. Interventions for ADLs and IADLs for the client and caregiver. [Presentation.] ALS Association of Greater New York, Mount Sinai Beth Israel, New York, N.Y., Mar. 18, 2014.


Donna T. Darcy, M.A., RN, ACNS-BC, CMSRN
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B. Suzy Diggle-Fox, Ph.D., GNP, ANP, B-C
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Diggle-Fox B.S. Effects of two teaching strategies on nursing students’ knowledge and self-efficacy regarding their geriatric nursing care. [Poster.] North Shore-LIJ 7th Annual Nursing Education Conference, Manhasset, N.Y., Sep. 9, 2014.
B. Suzy Diggle-Fox, Ph.D., GNP, ANP, B-C (continued)
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PRESENTERS AT MEETINGS AND CONFERENCES (continued)

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Associate Professor and Chairperson, Physician Assistant Studies


PRESENTERS AT MEETINGS AND CONFERENCES (continued)

Susan Neville, Ph.D., RN, CDP  
Professor and Chairperson, Nursing


Neville S. Caring for our veterans: transforming the lives of our veteran students across the academic continuum. [Presentation.] NYIT Veterans Discussion, Old Westbury, N.Y., Apr. 10, 2014.


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


Sharon M. Sussman, Ed.D., RN, M.S., M.B.A.  
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Cheryl R. Zauderer, Ph.D., CNM, NPP, IBCLC
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III. HONOREES AND Awardees

Zehra Ahmed, PA-C, MBBS
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Maureen Cardoza, Ph.D., RN, CDP
Assistant Professor, Nursing

*Certification.* From the Agency for Healthcare Research and Quality (AHRQ), verifying completion of the TeamSTEPPS Master Trainer Course, Gaithersburg, M.D., Jun. 26, 2014.

Susan Neville, Ph.D., RN, CDP
Professor and Chairperson, Nursing

*Certification.* From the Agency for Healthcare Research and Quality (AHRQ), verifying completion of the TeamSTEPPS Master Trainer Course, Gaithersburg, M.D., Jun. 26, 2014.

Vice President of the Transcultural Nursing Society’s Northeast/Tri-State/Metropolitan New York City Chapter, elected in 2014.
IV. GRANT RECIPIENTS – EXTERNALLY SPONSORED

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

Gioia Ciani, O.T.D., OTR/L
Assistant Professor and Chairperson, Occupational 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.

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

The Ellen C. Ross Memorial Scholarship. Rutgers School of Health Related Professions, New Jersey Health Foundation. For dissertation study project titled: Modulation of motor behavior using cueing and feedback in a virtual cycling environment; http://shrp.rutgers.edu/news_events/HeadlineNews/1408Newsletter-h.pdf.

Susan Neville, Ph.D., RN, CDP
Professor and Chairperson, Nursing


Susan Neville, Ph.D., RN, CDP
Professor and Chairperson, Nursing

Maureen Cardoza, Ph.D., RN, CDP
Assistant Professor, Nursing

Preparing the Healthcare Workforce: A Continuing Education Program in Geriatrics. Health Resources and Services Administration; Award No. 5 D62HP24187-03-00.

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

Web-based Nutrition Education for Allied Health Students. Allen Foundation Inc.
V. Grant Recipients – Internally Sponsored

Tobi A. Abramson, Ph.D.
Assistant Professor, Interdisciplinary Health Sciences
Intergenerational Community Garden. Principal Investigator. ISRC Grant.

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

Mark J. Gugliotti, PT, D.P.T.
Assistant Professor, Physical Therapy
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? Principal Investigator. ISRC Grant.

Lorraine Mongiello, Dr.P.H.
Assistant Professor, Interdisciplinary Health Sciences
Intergenerational Community Garden. Co-Principal Investigator. ISRC Grant.
I. AUTHORS

Amr Swid, Ph.D.
Assistant Professor, Management

Swid A. Police members perception of their leaders’ leadership style and its implications.
DOI: 10.1108/PIJPSM-08-2013-0085.
II. PRESENTERS AT MEETINGS AND CONFERENCES

Joanne L. Scillitoe, M.B.A., Ph.D.
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III. HONOREES AND Awardees

Joanne L. Scillitoe, M.B.A., Ph.D.
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Fulbright Specialist Roster Candidate. Recommended for the Fulbright Specialist Roster, by the U.S. Department of State’s Bureau of Educational and Cultural Affairs (ECA) and the Institute of International Education’s Council for International Exchange of Scholars (CIES), on October 29, 2014.
IV. GRANT RECIPIENTS – EXTERNALLY SPONSORED

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

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Assistant Professor, Electrical and Computer Engineering

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

Richard C. Simpson, Ph.D.
Associate Professor and Associate Dean for Research, Electrical and Computer Engineering

Joanne L. Scillitoe, M.B.A., Ph.D.
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Entrepreneurship Path for Undergraduate Students: Turning Ideas into Companies. National Collegiate Inventors and Innovators Alliance, Course and Program Grants; Grant No. 10723-13.

Richard C. Simpson, Ph.D.
Associate Professor and Associate Dean for Research, Electrical and Computer Engineering

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

Chung Hyuk Park, Ph.D.
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Ziqian Dong, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Joanne L. Scillitoe, M.B.A., Ph.D.
Associate Professor, Management; Director, Center for Entrepreneurial Studies

Pathways to Innovation 2015. Co-sponsored by VentureWell and Stanford University’s National Science Foundation-funded National Center for Engineering Pathways to Innovation (Epicenter).
V. Grant Recipients – Internally Sponsored

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Project: Do Top Canadian Socially-Responsible Companies Perform Better Financially? Principal Investigator. GFSRC Grant.

Min Chung (Amanda) Han, Ph.D.
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Project: Why People Hesitate to Buy High-Involvement Products on Taobao. Principal Investigator. GFSRC Grant.

Ravichandran Krishnamurthy, Ph.D.
Associate Professor, Finance; Abu Dhabi Campus

Frank T. Lorne, Ph.D.
Professor, Economics; Vancouver Campus
Project: The Economics of Drug Pricing and Price Reporting Mechanism. Principal Investigator. GFSRC Grant.

Rakesh Mittal, Ph.D.
Assistant Professor, Human Resource Management
Impact of Transformational and Transactional Leadership on the Buyer-Supplier Relationship in a Supply Chain: An Empirical Study. Principal Investigator. ISRC Grant.

Birasnav Muthuraj, Ph.D.
Visiting Assistant Professor, Management
Impact of Transformational and Transactional Leadership on the Buyer-Supplier Relationship in a Supply Chain: An Empirical Study. Co-Principal Investigator. ISRC Grant.

Raja Nag, Ph.D.
Professor, Finance
CO₂ Mitigation in UAEs Power Sector - Solar Augmentation as a Viable Solution: A Cost-Benefit Analysis. Principal Investigator. ISRC Grant.

Gantasala V. Prabhakar, Ph.D.
Associate Professor, Management; Abu Dhabi Campus
CO₂ Mitigation in UAEs Power Sector - Solar Augmentation as a Viable Solution: A Cost-Benefit Analysis. Co-Principal Investigator. ISRC Grant.
Grant Recipients – Internally Sponsored (continued)

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Project: Assessing the Effectiveness of Physicians’ and Nurses’ Virtual Community of Practice on their Decision Making Quality and Knowledge Sharing Quality through their Social Capital, Individual Motivation and Innovative Work Behavior. Principal Investigator. GFSRC Grant.

Electronic Student Evaluation of Teaching (e-SET) and Student Profiles: A Study of Cultural Background and Learning Style in Assessment of University. Co-Principal Investigator. ISRC Grant.

Joanne L. Scillitoe, M.B.A., Ph.D.
Associate Professor, Management; Director, Center for Entrepreneurial Studies

Cross-Disciplinary Development Learning Application Based on Virtual Ecosystems of Endangered Species. Co-Principal Investigator. ISRC Grant.

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Mayer W., Vlasak E. When a student with autism goes to college - Part 1 and Part 2, i-StudentAdvisor.com (published online Apr. 2014).


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Imperial K. Life skills programs on college campuses. [Presentation.] Bellmore-Merrick Special Education PTA (SEPTA) College and Higher Education Planning Night, Merrick, N.Y., Nov. 6, 2014.


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Coordinated Collection Development Aid for 2014-2015. New York State Education Department/Long Island Library Resources Council; Project No. 0315150110.

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College Reimbursement for ACCES Consumers. New York State Education Department, Adult Career and Continuing Education Services-Vocational Rehabilitation (ACCES-VR); Contract No. C011218.

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Principal Investigator. GFSRC Grant.

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Project: In the Face of What We Remember: Food Tourism and Historic Preservation in Harlem.
Principal Investigator. GFSRC Grant.
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