



**NYIT**



Annual  
Faculty  
Scholars  
Reception

**NYIT de Seversky Mansion  
Thursday, March 31, 2016**

**[nyit.edu](http://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

**Rahmat Shoureshi, Ph.D.**

Provost and Vice President for Academic 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

## Editor/Compiler

**Eileen A. Gazzola, M.S.L.I.S.**

Senior Grants Coordinator, Office of Sponsored Programs and Research

# Foreword



At New York Institute of Technology, we like to think wide and deep, stretching our creative and scholarly pursuits in multiple directions and dimensions. Today, we celebrate your distinguished work, which reaffirms our university's reputation as a breeding ground for knowledge creation, interdisciplinary and creative thought, and applications-oriented research. Our efforts spark inspiration in NYIT students, colleagues, and the greater world outside our campuses.

Academic research, of course, helps to enlighten the minds of people worldwide, influence public policy, motivate governments to action, and steer the direction of industries across the international marketplace. It is one of the best, most precise examples of why universities serve as the prime incubators for collaboration, innovation, intellectual debate, and creative expression in our hyper-connected global society. Your successful academic endeavors help ensure that NYIT graduates enter the world with curious minds that also stretch wide and deep.

On behalf of NYIT, thank you for your contributions that build upon the proud legacy of academic work that our university has pioneered. We're proud of your scholarly and creative achievements, and we wish you continued success.

Sincerely,

A handwritten signature in black ink, which reads "Edward Guiliano". The signature is fluid and cursive, with a large, stylized initial "E".

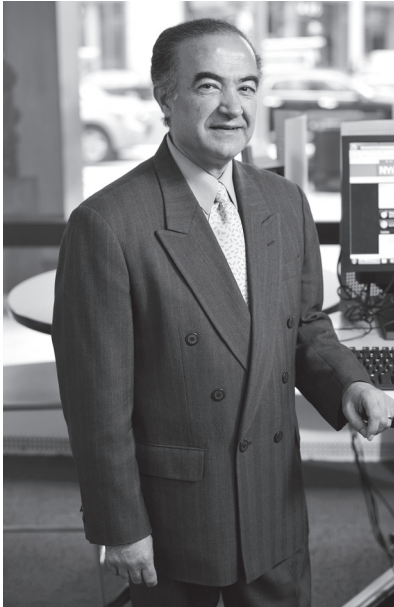
**Edward Guiliano, Ph.D.**

President

New York Institute of Technology



# Foreword



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. Scholarship and teaching are mutually sustainable endeavors; 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 professional development and 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.

A handwritten signature in black ink, which appears to read "Rahmat Shoureshi". The signature is fluid and cursive.

**Rahmat Shoureshi, Ph.D.**

Provost and Vice President for Academic Affairs

# Foreword



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 the 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.

A handwritten signature in black ink, appearing to read 'Jerry Balentine'. The signature is stylized and cursive, with a long horizontal line extending from the end.

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

# Foreword



As Assistant Provost for Research, I have had the pleasure of working with many of you throughout the past year to help you describe, refine, and focus your research in your pursuit of funding. This publication celebrates your creative and scholarly productions by which you move your respective fields forward.

Clearly, your productions this year, as in the past fourteen, represent the success of the NYIT faculty, who stride the globe and include giants in their fields.

Though its campuses and faculty are global and far-flung, NYIT perfectly embodies the Anglo-French concept of *université*, meaning an “academic community,” and the Medieval Latin *universitatem*, signifying an “aggregate” or a “whole.”

In a world that, oftentimes, seems hopelessly fragmented and polarized, universities are islands of sanity that bring hope for progress and renewal. Through your service and good works, especially your cross-disciplinary efforts, as manifested in this booklet, you are helping to repair the world and make it whole.

A handwritten signature in cursive script that reads "Allison Andors".

**Allison Andors, Ph.D.**

Assistant Provost for Research and  
Director of Sponsored Programs and Research

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College  
of Arts and  
Sciences

# I. Authors

## Nicholas D. Bloom, Ph.D.

Associate Professor, Department Chair, Interdisciplinary Studies & Urban Administration

Bloom N.D., Lasner M.G. (Editors.) *Affordable housing in New York City: The people, places, and policies that transformed a city*. Princeton, N.J.: Princeton University Press, 2015.

Bloom N.D. *The Metropolitan Airport: JFK International and Modern New York*. [Volume; *American Business, Politics and Public Policy Series*.] Philadelphia, P.A.: University of Pennsylvania Press, 2015.

Bloom N.D., Umbach F., Vale L. (Editors.) *Public housing myths: Perception, reality, and social policy*. Ithaca, N.Y.: Cornell University Press, 2015.

## Elizabeth J. Donaldson, Ph.D.

Associate Professor, English

Donaldson E.J. Beyond a beautiful mind: Schizophrenia and bioethics in the classroom. *Disability Studies Quarterly Special Issue: Interventions in Disability Studies Pedagogy*. Spring 2015; 35(2). <http://dsq-sds.org/article/view/4635/3934>

## Claude E. Gagna, Ph.D.

Associate Professor, Life Sciences

Lambert W.C., Tsongalis G.J., Gagna C.E., Lambert M.W. The guilty bystander model for electrochemotherapy of cancer: Verification in vitro. *Cancer Research* 2015; 75(15 Suppl.): Abstract nr 5354. DOI: 10.1158/1538-7445.AM2015-5354.

Mian K., Lambert M.W., Kong J., Gagna C.E., Wassef C., Sharma D., Bhate C., Donthireddy A., Lambert W.C. Electroporation as a new treatment modality for melanoma and other cancers: The guilty bystander hypothesis. *SkinMed* 2015; 13(6): 427–430.

## Jonathan E. Goldman, Ph.D.

Associate Professor, English

Goldman J. Celebrity. In Kent B. (Editor), *Bernard Shaw in Context* pgs. 253–264. New York, N.Y.: Cambridge University Press, 2015.

Goldman J. Legal Joyce (Guest Editor), *James Joyce Quarterly Summer 2013*; 50(4). Tulsa, O.K.: University of Tulsa, 2015.

Goldman J. Introduction: The legal fictions of James Joyce. *James Joyce Quarterly Summer 2013*; 50(4): 943–950. Tulsa, O.K.: University of Tulsa, 2015.

Goldman J. Winter is coming: How HBO's *Game of Thrones* is going off-book and breaking all the rules. *The Millions* (published online Apr.9, 2015). <http://www.themillions.com/2015/04/winter-is-coming-how-hbos-game-of-thrones-is-going-off-book-and-breaking-all-the-rules.html>

Goldman J. [Review of: Appel J.M. *The Biology of Luck*, Ashford, C.T.: Elephant Rock Books, 2013.] *James Joyce Quarterly Spring 2013*; 50(3): 901–904. Tulsa, O.K.: University of Tulsa, 2015.

Goldman J. [Review of: Spoo R. *Without Copyrights*, Oxford University Press, 2013.] *James Joyce Broadsheet 2015*; 100(4):4; [www.academia.edu/11639086/Review\\_Robert\\_Spoo\\_WITHOUT\\_COPYRIGHTS](http://www.academia.edu/11639086/Review_Robert_Spoo_WITHOUT_COPYRIGHTS).

## John Hanc, M.A.

Associate Professor, Communication Arts

Macy T., Hanc J. *The Ultra Mindset: An Endurance Champion's 8 Core Principles for Success in Business, Sports, and Life*. Philadelphia, P.A.: Da Capo Press, Lifelong Books, 2015.

## Kevin LaGrandeur, Ph.D.

Professor, English

LaGrandeur K. Androids and the posthuman in television and film. [Book Chapter.] In Hauskeller M., Philbeck T. D., Carbonell C. (Editors.) *The Palgrave Handbook of Posthumanism in Film and Television* pgs. 111–119. London.: Palgrave MacMillan, 2015.

LaGrandeur K. Could artificial morals and emotions make robots safer? *Institute for Ethics and Emerging Technologies*, (published online Oct. 2, 2015). <http://ieet.org/index.php/IEET/more/lagrandeur20151002>.

LaGrandeur K. [Book Review: Ranisch R., Sorgner S.L. (Editors), Post- and Transhumanism: An Introduction. Frankfurt am Main (et al.): Peter Lang, 2014.] *Journal of Evolution and Technology (JET)* 2015; 25(1): 49–52.

LaGrandeur K. Redefining the integration of bodies, spaces, and intelligent systems. *Metabody-Journal of Metacultural Critique* 2015; 1(1): 40.

## Niharika Nath, Ph.D.

Associate Professor, Life Sciences

Kodala R., Nath N., Chattopadhyay M., Nesbitt D.E., Velázquez-Martínez C.A., Kashfi K. Hydrogen sulfide-releasing naproxen suppresses colon cancer cell growth and inhibits NF- $\kappa$ B signaling. *Drug Design, Development and Therapy* 2015; 9:4873-4882. DOI: 10.2147/DDDT.S91116.

Nath N., Chattopadhyay M., Rodes D.B., Nazarenko A., Kodala R., Kashfi K. Nitric oxide releasing aspirin suppresses NF- $\kappa$ B signaling in estrogen receptor negative breast cancer cells in vitro and in vivo. *Molecules* 2015; 20(7): 12481–99. DOI: 10.3390/molecules200712481.

Vannini F., Kashfi K., Nath N. The dual role of iNOS in cancer. *Redox Biology* 2015; 6: 334–343. DOI: 10.1016/j.redox.2015.08.009.

# Ana Petrovic, Ph.D.

Assistant Professor, Life Sciences/Chemistry

Accetta A., Petrovic A.G., Marchelli R., Berova N., Corradini R. Structural Studies on Porphyrin-PNA Conjugates in Parallel PNA:PNA Duplexes: Effect of Stacking Interactions on Helicity. *Chirality* 2015; 27(12): 864–874. DOI: 10.1002/chir.22521.

Santoro E., Mazzeo G., Petrovic A.G., Cimmino A., Andolfi A., Koshoubu J., Evidente A., Berova N., Superchi S. Absolute configurations of fungal and plant metabolites by chiroptical studies. Application to phytotoxins seiricardine A and inuloxin A. *Phytochemistry* 2015; 116: 359-366. DOI: 10.1016/j.phytochem.2015.03.001.

Petrovic A.G., Berova N., Alonso-Gómez J.L. Absolute configuration and conformational analysis of chiral compounds via experimental and theoretical chiroptical methods: ORD, ECD, and VCD. [Book Chapter] In Cid M-M., Bravo J. (Editors.) *Structure elucidation in organic chemistry: The search for the right tools* pgs. 65–100. Weinheim, Germany.: John Wiley & Sons, Ltd. 2015.

D'Urso A., Petrovic A.G., Fragalà M.E., Tamargo M.A., Ellestad G.A., Purrello R., Berova N. Exploring nucleic acid conformations by employment of porphyrins non-covalent and covalent probes and chiroptical analysis. [Book Chapter] In Stulz E., Clever G.H. (Editors.) *DNA in Supramolecular Chemistry and Nanotechnology* pgs. 172–203. West Sussex, United Kingdom.: John Wiley & Sons, Ltd. 2015.



## II. Presenters at Meetings and Conferences

### Elizabeth J. Donaldson, Ph.D.

Associate Professor, English

Donaldson E.J. Risking rhetorical adjacency in the bioethics classroom. [Presentation.] Conference on College Composition and Communication, Tampa, FL., Mar.18–21, 2015.

### Claude E. Gagna, Ph.D.

Associate Professor, Life Sciences

Lambert W.C., Tsongalis G.J., Gagna C.E., Lambert M.W. The guilty bystander model for electrochemotherapy of cancer: Verification in vitro. [Poster.] 106th Annual Meeting of the American Association for Cancer Research (AACR) 2015, Pennsylvania Convention Center, Philadelphia, P.A.: Apr. 18–22, 2015; *Cancer Research* 2015; 75(15 Suppl.) Abstract nr 5354. DOI: 10.1158/1538-7445.AM2015-5354.

### Amanda Golden, Ph.D.

Assistant Professor, English

Golden A. Sylvia Plath and Ted Hughes. [Lecture.] University of Saint Thomas, St. Paul, M.N., Oct. 27, 2015. <http://www.agoldenphd.com/news-and-events/everyday-plath-at-columbia-university>.

Golden A. Sylvia Plath's Reading and Her Late Poetry Manuscripts. [Lecture.] Brandeis University, Waltham, M.A., Nov. 19, 2015. <http://www.agoldenphd.com/news-and-events/everyday-plath-at-columbia-university>.

Golden A. Everyday Plath. [Lecture.] Columbia University, New York, N.Y., Dec. 1, 2015. <http://www.agoldenphd.com/news-and-events/everyday-plath-at-columbia-university>.

Golden A. Textbook Greek: Thoby Stephen in Jacob's Room. [Conference Paper.] Seminar at Modernist Studies Association Conference, Boston, M.A., Nov. 21, 2015. <http://www.agoldenphd.com/news-and-events/revolutions-in-poetic-lineage-at-msa-2015>

## Jonathan E. Goldman, Ph.D.

Associate Professor, English

Goldman J. Ulysses T-shirt. [Lecture.] Bloomsday Lecture, The New York Public Library, New York, N.Y., Jun. 16, 2015.

## Patrick Karle, M.F.A.

Instructor, Communication Arts

Karle, P. Sidney Rittenberg and the History of Public Relations between Modern China and the West: 1945-to-Present. [Presentation.] In *Proceedings of the International History of Public Relations Conference*, Bournemouth University, Poole, England., Jul. 8–9, 2015.

## Youjeong Kim, Ph.D.

Assistant Professor, Communication Arts

Kim Y. The Barnum Effect: The effect of character presence. [Poster.] 2015 Annual Meeting, American Psychological Association (APA), Toronto, Canada., Aug. 6–9, 2015.

Kim Y. The impact of body image on consumer service tolerance and complaint behavior. [Poster.] 2015 Annual Meeting, American Psychological Association (APA), Toronto, Canada., Aug. 6–9, 2015.

Kim Y. The impact of self-modeling on healthy behavior: The role of body image and characters' body shapes. [Oral Presentation.] 2015 Annual Meeting, National Communication Association (NCA), Las Vegas, N.V., Nov. 19–22, 2015.

Kim Y. Revisiting the proteus effect: The effect of avatar's body size. [Paper Presentation.] 2015 Annual Meeting, International Communication Association (ICA), San Juan, Puerto Rico, May. 21–25, 2015.

Kim Y., Dahir C. Let's kinect: The effect of avatar kinect role play to combat school bullying. [Poster.] 2015 Biennial D.C. Health Communication Conference (DCHC), Fairfax, V.A., Apr. 16–18, 2015.

Kim Y., Kim H. S. Segmenting exergame users based on perception on playing exergames among college students. [Poster Presentation.] 2015 Annual Meeting, Association for Education in Journalism and Mass Communication (AEJMC), San Francisco, C.A., Aug. 6–9, 2015.

## Kevin LaGrandeur, Ph.D.

Professor, English

LaGrandeur K. Cybersecurity and the digitized human. [Presentation.] Hacking Big Data Brother. International Metabody Conference 2015, Madrid, Spain, Jul. 21–22, 2015.

LaGrandeur K. The advent of deceptive machines. [Presentation.] After Biopolitics: 29th Annual Conference of the Society for Literature, Science, and the Arts 2015, Rice University, Houston, T.X., Nov. 12–15, 2015.

# Emily Restivo, Ph.D.

Assistant Professor, Behavioral Sciences

Restivo E. Public opinion on policing. [Presentation.] American Society of Criminology Conference, Washington, D.C., Nov.18–21, 2015.

# James Simon, Ph.D.

Dean, College of Arts and Sciences

Simon, J. Advising student media: The rewards and the pitfalls. [Moderator and Presenter.] 2015 Annual Meeting, Association for Education in Journalism and Mass Communication, San Francisco, CA., Aug. 6–9, 2015.

Simon, J. Being the boss: Advising campus media leaders how to manage their student colleagues. [Presentation.] 2015 Annual Meeting, College Media Association, New York, N.Y., Mar.12–15, 2015.

Simon, J. Dealing with THAT student. [Presentation.] 2015 Annual Meeting, College Media Association, New York, N.Y., Mar. 12–15, 2015.

Simon, J. Forget independence—Collaboration is the new buzzword. [Presentation.] 2015 Annual Meeting, Association for Education in Journalism and Mass Communication, San Francisco, CA., Aug. 6–9, 2015.

Simon, J. Internship program policies in the face of recent lawsuits brought by unpaid student interns. [Presentation.] 2015 Annual Meeting, Association for Education in Journalism and Mass Communication, San Francisco, CA., Aug. 6–9, 2015.

Simon, J. New adviser’s roundtable. [Presentation.] 2015 Annual Meeting, College Media Association, New York, N.Y., Mar. 12–15, 2015.

# III. Honorees and Awardees

**Nicholas D. Bloom, Ph.D.**

Associate Professor, Department Chair, Interdisciplinary Studies  
& Urban Administration

*Co-Editor* of The Journal of Planning History, Sage Publications; 3 year term.  
<http://jph.sagepub.com/>

**Larry Jaffee, M.A.**

Adjunct Professor, Communication Arts

*Distinguished Fellow*, by the Ponemon Institute, a research center dedicated to privacy, data protection, and information security policy. <http://www.ponemon.org/ponemon-institute-fellows#Jaffee>

# IV. Designers and Exhibitors

## Benjamin Poynter, M.F.A.

Assistant Professor, Fine Arts, Beijing Campus

Advanced 3D Technology for Laboratories, Media Elite Headquarters, International Media Arts Gallery, NYIT-Beijing/ICUC Campus. *Inaugural Art Exhibition for Converted Space*. Beijing, China., Jun. 18–19, 2015. <https://vimeo.com/131850439>. Global Faculty Summer Research and Creativity (GFSRC) Grant NYIT.

*New York City Exhibition & Academic Events, Old Tech, New Tech*. Central Booking Gallery, New York, N.Y., Aug. 2015.

Global Faculty Summer Research and Creativity (GFSRC) Grant NYIT.

NYIT-Beijing Exhibitions, Dual Solo Exhibitions: *Experimental Computer Games and Fabrication of Data*. Beijing, China., Jun. 18–19, 2015.

Global Faculty Summer Research and Creativity (GFSRC) Grant NYIT.

*Invitation to Exhibit for Lumen Art Prize Global Digital Art Tour*. Solo-Hour Seminar at Shanghai Institute of Visual Art and Showcase for Lumen Prize Exhibition at JIN SPACE Gallery, Shanghai, China., Nov. 17–20, 2015; <http://lumenprize.com/lumen-shanghai-2015>



# V. Grant Recipients— Externally Sponsored

## Beverly J. Butcher, Ph.D.

Associate Professor, English; Nanjing Campus

Strengthening Existing ACCs: The Best of Both Worlds: Chinese American Scholars, Artists, and Other Professionals. U.S. Department of State. American Cultural Centers Supplemental Funding. Award No. S-CH500-15-GR206.

## Claude E. Gagna, Ph.D.

Associate Professor, Life Sciences

Triple Immunofluorescence Detection of Conventional and Alternative DNA Structures in Single Cells: Double-Stranded Right-Handed B-DNA, Denatured Single-Stranded DNA and Double-Stranded Left-Handed Z-DNA. Beta Beta Beta Research Scholarship Foundation Fund.

## Michael Hadjiargyrou, Ph.D.

Professor and Chairperson, Life Sciences

Skeletal Effects of Methylphenidate. State University of New York—Stony Brook. Prime Award No. 1 R01 HD070888-01A1; Sub award No. 1108834-2-63921.

## Youjeong Kim, Ph.D.

Assistant Professor, Communication Arts

Orchestrating Plants: The Impact of Interactive Plants on Social Skills Enhancement among Autistic Children. The Breneman Jaech Foundation, The Ludus Project Grant; Games & Learning Initiative.

# VI. Grant Recipients— Internally Sponsored

**Ann Aptaker, M.F.A.**

Adjunct Professor, Fine Arts

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

**Lissi Athanasiou-Krikelis, Ph.D.**

Assistant Professor, English

Online Grammar Tutorials for International Students. Principal Investigator.  
TLT Grant.

**Nicholas D. Bloom, Ph.D.**

Associate Professor, Department Chair, Interdisciplinary Studies  
& Urban Administration

Redesigning the World of Tomorrow: Nelson Rockefeller and America's  
Progressive Planning Tradition. Principal Investigator. ISRC Grant.

**Claude E. Gagna, Ph.D.**

Associate Professor, Life Sciences

Finalization of Pre-Manufacturing Procedures Needed for Commercialization of  
the Next Generation of DNA Microarrays (Gagna/NYIT Patent), Using Modern/  
Mainstream Fabrication Methods: Data Resulting in Prototypes and Submission of  
Small Business Technology Transfer Grant (Arrayit Corp/NYIT: Small Business  
Agreement). Principal Investigator. ISRC Grant.

**Jonathan E. Goldman, Ph.D.**

Associate Professor, English

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

Two Interdisciplinary Book Projects in Twentieth-Century Studies.  
Principal Investigator. ISRC Grant.

## Jennifer Griffiths, Ph.D.

Associate Professor, English

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

Risk/Reward: Resiliency and Black Youth in the Post-Civil Rights Era. Principal Investigator. ISRC Grant.

## Michael Hadjiargyrou, Ph.D.

Professor and Chairperson, Life Sciences

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

## Youjeong Kim, Ph.D.

Assistant Professor, Communication Arts

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

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

## Gavin P. McStay, Ph.D.

Assistant Professor, Life Sciences

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

## Christopher M. Moylan, Ph.D.

Associate Professor, English

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.

## Niharika Nath, Ph.D.

Associate Professor, Life Sciences

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

## Terry Nauheim Goodman, M.F.A.

Associate Professor and Chairperson, Fine Arts

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

## Eleni Nikitopoulos, Ph.D.

Assistant Professor, Life Sciences

Cooperation among Paternal Relatives in Wild Blue Monkeys.

Principal Investigator. ISRC Grant.

## Yuko Oda, M.F.A.

Associate Professor, Fine Arts

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

## Ana Petrovic, Ph.D.

Assistant Professor, Life Sciences/Chemistry

Molecular Engineering, Modeling & Synthesis of Remote Double-Strand  
Helix Induction. Principal Investigator. ISRC Grant.

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

## Benjamin Poynter, M.F.A.

Assistant Professor, Fine Arts, Beijing Campus

*Advanced 3D Technology for Laboratories*, Media Elite Headquarters, International  
Media Arts Gallery, NYIT-Beijing/ICUC Campus. Inaugural Art Exhibition for  
Converted Space. Beijing, China., Jun. 18–19, 2015. <https://vimeo.com/131850439>  
Global Faculty Summer Research and Creativity (GFSRC) Grant NYIT.

*New York City Exhibition & Academic Events, Old Tech, New Tech*. Central  
Booking Gallery, New York, N.Y., Aug. 2015.

Global Faculty Summer Research and Creativity (GFSRC) Grant NYIT.

*NYIT-Beijing Exhibitions*, Dual Solo Exhibitions: *Experimental Computer Games*  
and *Fabrication of Data*. Beijing, China, Jun. 18–19, 2015.

Global Faculty Summer Research and Creativity (GFSRC) Grant NYIT.

# Shenglong Zhang, Ph.D.

Assistant Professor, Life Sciences

Development of LC/MS-Based Direct RNA Sequencing Technology and its Applications towards Studying Ribosomal RNA Modification Biogenesis.

Principal Investigator. ISRC Grant.



College of  
Osteopathic  
Medicine

# I. Authors

## Reem Abu-Sbaih, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

Apoznaski T.E., Abu-Sbaih R., Terzella M.J., Yao S.C. Resolution of dacryostenosis after osteopathic manipulative treatment. *Journal of the American Osteopathic Association* 2015; 115(2): 110–114. DOI: 10.7556/jaoa.2015.022.

Soshnick S., Mezzone C., Yao S.C., Abu-Sbaih R. Osteopathic considerations in the management of migraine in pregnancy. *Osteopathic Family Physician*. 2015; 7(2): 19–23.

## Kurt Amsler, Ph.D.

Professor, Biomedical Sciences; Associate Dean, Research

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## Joanne DiFrancisco-Donoghue, Ph.D., RCEP

Assistant Professor, Osteopathic Manipulative Medicine

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## Wolfgang G. Gilliar, D.O., FAAPMR

Dean, College of Osteopathic Medicine

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## Abraham M. Jeger, Ph.D., FAODME

Assistant Dean, for Academic Outreach & Site Development,  
Professor, Psychiatry & Behavioral Medicine

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Assistant Professor, Medicine; Assistant Dean, Research

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Assistant Professor, Department of Clinical Specialties

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## David H. Tegay, D.O., FACMG, FACOI

Associate Professor and Chairperson, Department  
of Clinical Specialties

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## Michael Terzella, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

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## Sheldon C. Yao, D.O.

Associate Professor and Acting Chairperson,  
Osteopathic Manipulative Medicine

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## Youhua Zhang, M.D., Ph.D.

Associate Professor, Biomedical Sciences

Lee B., Zhang Y. Atrial fibrillation and atrial flutter. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2016*, 24th Edition. Philadelphia, P.A.: Wolters Kluwer Health, 2015.

Weltman N.Y., Pol C.J., Zhang Y., Wang Y., Koder A., Raza S., Zucchi R., Saba A., Colligiani D., Gerdes A.M. Long-term physiological T3 supplementation in hypertensive heart disease in rats. *American Journal of Physiology. Heart and Circulatory Physiology* 2015; 309(6): H1059-65. PMID: 26254335; PMCID: PMC4591362; DOI: 10.1152/ajpheart.00431.2015

Zhang Y. His electrogram alternans (Zhang's phenomenon) and a new model of dual pathway atrioventricular node conduction. *Journal of Interventional Cardiac Electrophysiology* (published online Nov. 27, 2015; PMID: 26614299; DOI: 10.1007/s10840-015-0079-0.

## Dong Zhang, Ph.D.

Assistant Professor, Biomedical Sciences

Abdullah A., Sane S., Branick K.A., Freeling J.L., Wang H., Zhang D., Rezvani K. A plant alkaloid, veratridine, potentiates cancer chemosensitivity by UBXLN2A-dependent inhibition of an oncoprotein, mortalin-2. *Oncotarget* 2015; 6(27): 23561–81. PMID: 26188124.

Abdullah A., Sane S., Freeling J.L., Wang H., Zhang D., Rezvani K. Nucleocytoplasmic translocation of UBXLN2A is required for apoptosis during DNA damage stresses in colon cancer cells. *Journal of Cancer* 2015; 6(11): 1066–78. PMID: 26516353; DOI: 10.7150/jca.12134.

## II. Presenters at Meetings and Conferences

### Reem Abu-Sbaih, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

Hussain M., Yao S.C., Abu-Sbaih R. The use of osteopathic manipulative technique (OMT) in a case of upper extremity edema in a high-risk obstetric patient. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015. [Awarded Second Place, *Case Poster at the Louisa Burns Osteopathic Poster Competition.*]

Mukta S., Chow P., Abu-Sbaih R., Yao S.C. An innovative way to educate an osteopathically-naïve population. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Pasternack D., Yao S.C., Abu-Sbaih R. Improvement of asthma in a pregnant patient after osteopathic manipulative treatment (OMT.) [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

### Brian L. Beatty, Ph.D.

Assistant Professor, Anatomy

Beatty B.L. What we do and do not know about the feeding ecology of the Desmostylia. [Oral Presentation.] NorthEast Regional Vertebrate Evolution Symposium (NERVES) American Museum of Natural History, New York, N.Y., Mar. 27, 2015.

Beatty B.L. Polymorphisms, occlusal optimization, and morphological integration of the postcanine dentition of *Desmostylus hesperus* (Order Desmostylia). [Poster.] Society of Vertebrate Paleontology, November 2015, 75th Annual Meeting, Dallas, T.X., Oct. 14–17, 2015. <http://vertpaleo.org/PDFS/a9/a987ca97-54e1-408a-b65d-b0d3e1507868.pdf>

Lambert O., de Muizon C., Beatty B.L., Di Celma C., Bianucci G. Physeteroids from the Miocene of Peru: new data on *Acrophyseter* and *Livyatan* supports macroraptorial feeding in several extinct sperm whales. [Oral Presentation.] Society of Vertebrate Paleontology, November 2015, 75th Annual Meeting, Dallas, T.X., Oct. 14–17, 2015. <http://vertpaleo.org/PDFS/a9/a987ca97-54e1-408a-b65d-b0d3e1507868.pdf>

Pellegrini R., Beatty B.L. Histology of *mosasaurus maximus* pterygoid dentition and its attachment tissues. [Poster.] 3rd International Symposium on Paleohistology, Bonn, Germany., Jul. 2–5, 2015.

Hager S., Mihlbachler M., Beatty B.L. Indentation hardness of tooth enamel of multiple mammalian species and the role of enamel microstructure in dental wear mechanics. [Oral Presentation.] NorthEast Regional Vertebrate Evolution Symposium (NERVES), American Museum of Natural History, New York, N.Y., Mar. 27, 2015.

## George Cheriyan, D.O.

Instructor, Osteopathic Manipulative Medicine

Chan V., Curtis S., Flaum T., Terzella M.J., Cheriyan G., Yao S.C. The role of ultrasound in first year medical students' learning of lumbar spine anatomy and diagnosing lumbar somatic dysfunctions. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

De Vries K., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Leder A., Yao S.C. Effect of osteopathic manipulative medicine on motor function and balance in Parkinson disease. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association* 2015(115):e86. <http://jaoa.org/article.aspx?articleid=2474297>

Watari J., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Yao S.C. Effect of a single treatment of PARK-OMM protocol on balance in Parkinson's disease: A pilot study. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

## Sarah Curtis, D.O.

Instructor, Osteopathic Manipulative Medicine

Chan V., Curtis S., Flaum T., Terzella M.J., Cheriyan G., Yao S.C. The role of ultrasound in first year medical students' learning of lumbar spine anatomy and diagnosing lumbar somatic dysfunctions. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

De Vries K., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Leder A., Yao S.C. Effect of osteopathic manipulative medicine on motor function and balance in Parkinson disease. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015(115):e86. <http://jaoa.org/article.aspx?articleid=2474297>

Kortlandt V., McCallister A., Valant R., Curtis S., Ettlinger H., Yao S.C. Don't forget the Moms! A survey study examining the efficacy of osteopathic manipulative treatment for acute postpartum pain. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association* 2015(115):e95. <http://jaoa.org/article.aspx?articleid=2474297>

Watari J., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Yao S.C. Effect of a single treatment of PARK-OMM protocol on balance in Parkinson's disease: A pilot study. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

## Eduard I. Dedkov, M.D., Ph.D.

Assistant Professor, Biomedical Sciences

Delfiner M., Dedkov E., Li Y., Zhang Y. Heart failure reduces epicardial autonomic nerve density. [Poster.] 9th Meeting of the International Society for Autonomic Neuroscience (ISAN 2015), Stresa, Italy, Sep. 26–29, 2015; *Autonomic Neuroscience: Basic and Clinical* (ISAN 2015); 192: 74–75. DOI:10.1016/j.autneu.2015.07.068.

Pavliak K., Chen Y-F., Pingitore A., Dedkov E.I. Reduced myocardial apoptosis may be responsible for attenuated decline in left ventricular systolic function in female compared to male post infarcted middle-aged rats. [Poster]. Experimental Biology 2015 Annual Meeting, Boston, M.A., Mar. 28–Apr. 1, 2015. *FASEB Journal* 2015; 29 (1\_Supplement): 555.1. [http://www.fasebj.org/content/29/1\\_Supplement/555.1.abstract](http://www.fasebj.org/content/29/1_Supplement/555.1.abstract).

## Joanne DiFrancisco-Donoghue, Ph.D., RCEP.

Assistant Professor, Osteopathic Manipulative Medicine

De Vries K., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Leder A., Yao S.C. Effect of osteopathic manipulative medicine on motor function and balance in Parkinson disease. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015(115):e86. <http://jaoa.org/article.aspx?articleid=2474297>

Suryanarayanan N., Kapoor C., Patel P., Tapper M., DiFrancisco-Donoghue J. Mechanized model of lymphatic pump shortens recovery from maximal exercise. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015.

Watari J., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Yao S.C. Effect of a single treatment of PARK-OMM protocol on balance in Parkinson's disease: A pilot study. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

## Hugh Ettlinger, D.O., FAAO

Associate Professor, Clinical Sciences

Kortlandt V., McCallister A., Valant R., Curtis S., Ettlinger H., Yao S.C. Don't forget the Moms! A survey study examining the efficacy of osteopathic manipulative treatment for acute postpartum pain. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association* 2015(115): e95. <http://jaoa.org/article.aspx?articleid=2474297>



# Theodore B. Flaum, D.O., FACOFP

Assistant Professor, Osteopathic Manipulative Medicine

Apoznanski T., Chow P., Mirza A., Rusnack F., Mazzie J.P., Flaum T., Yao S.C. The role of ultrasound in assessing the efficacy of cervical HVLA. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Chan V., Curtis S., Flaum T., Terzella M.J., Cheriyan G., Yao S.C., The role of ultrasound in first-year medical students' learning of lumbar spine anatomy and diagnosing lumbar somatic dysfunctions. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Ciancarelli J., Titterton C., Peguillan A., Leydon K., Pasternack D., Ramos R., Yao S., Flaum T., Mancini J.D. What is the best OMM approach to affect autonomic nervous system control of heart rate variability. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct 17–21, 2015.

Pasternack D.M., O'Malley S., Ramos R.L., Yao S.C., Mancini J.D., Flaum T.B. Sympathetic stimuli: investigating the effect of somatic dysfunction and other factors on baseline sympathetic tone. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015(115):e118. <http://jaoa.org/article.aspx?articleid=2474297>

# A. Martin Gerdes, Ph.D.

Professor and Chairperson, Biomedical Sciences

Gerdes A.M. Cardiology 2015. [Keynote Speaker.] 5th International Conference on Cardiology, Philadelphia, P.A., Apr. 6–8, 2015.

Gerdes A.M. Cardiology 2015. [Keynote Address, Symposium Speaker, Co-Chair for two sessions.] 6th International Conference on Cardiology, San Antonio, T.X., Nov. 30–Dec. 2, 2015.

Gerdes A.M. International Academy of Cardiology. [Invited Speaker.] 20th World Congress on Heart Disease, Vancouver, B.C., Canada, Jul. 25–27, 2015.

# Min-Kyung Jung, Ph.D.

Biostatistician, Research

Mancinelli J., Douris C., Tarapore F., Jung M.K., Krishnamachari B., Douris P., Kooyman P. Evaluation of NYIT-COM osteopathic medical student & alumni understanding of and support for inter-professional collaboration. [Poster.] International Association of Medical Science Educators (IAMSE) 19th Annual Conference, San Diego, C.A., Jun.13–16, 2015.

Rivera K., Kooyman P., Terzella M., Jung M.K., Yao S.C. Teaching the teachers: Role-playing and its effect on precepting osteopathic manipulative treatment in the clinical setting. [Poster Presentation & Abstract.] 58th American Osteopathic Association (AOA) Research Conference, Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015; 115(12):e89. <http://jaoa.org/article.aspx?articleid=2474297>



Roloson L., Defoe D., Jung M.K., Li T.S., Yao S.Y. Effects of OMM clinical exposure on confidence levels of medical students. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015. [Awarded 3rd Place, *Education/Public Health Poster at the Louisa Burns Osteopathic Poster Competition.*]

Roloson L., Jung M.K., Douris P., Kooyman P. Efficacy of osteopathic manipulative medicine and phototherapy for patients with chronic low back pain. [Poster Presentation & Abstract.] 58th Annual American Osteopathic Association (AOA) Research Conference, 2015 Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association* 2015; 115(12): e73–e74. <http://jaoa.org/article.aspx?articleid=2474297>

## Patricia Kooyman, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

De Vries K., Kooyman P., Yao S.C. The application of OMT in duane syndrome and toe walking—A case study. [Poster.] American Academy of Osteopathy (AAO) Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Mancinelli J., Douris C., Tarapore F., Jung M.K., Krishnamachari B., Douris P., Kooyman P. Evaluation of NYIT-COM osteopathic medical students' & alumni's understanding of and support for inter-professional collaboration. [Poster.] International Association of Medical Science Educators (IAMSE) 19th Annual Conference, San Diego, C.A., Jun. 13–16, 2015.

Rivera K., Kooyman P., Terzella M., Jung M.K., Yao S.C. Teaching the teachers: Role-playing and its effect on precepting osteopathic manipulative treatment in the clinical setting. [Poster Presentation & Abstract.] 58th Annual American Osteopathic Association (AOA) Research Conference, 2015 Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association* 2015; 115(12):e89. <http://jaoa.org/article.aspx?articleid=2474297>

Roloson L., Jung M.K., Douris P., Kooyman P. Efficacy of osteopathic manipulative medicine and phototherapy for patients with chronic low back pain. [Poster Presentation & Abstract.] 58th Annual American Osteopathic Association (AOA) Research Conference, 2015 Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association* 2015; 115(12):e73-e74. <http://jaoa.org/article.aspx?articleid=2474297>

## Bhuma Krishnamachari, Ph.D.

Assistant Professor, Medicine; Assistant Dean, Research

Mancinelli J., Douris C., Tarapore F., Jung M.K., Krishnamachari B., Douris P., Kooyman P. Evaluation of NYIT-COM osteopathic medical student & alumni understanding of and support for inter-professional collaboration. [Poster.] International Association of Medical Science Educators (IAMSE); 19th Annual Conference, San Diego, C.A., Jun. 13–16, 2015.

## Isaac Kurtzer, Ph.D.

Assistant Professor, Biomedical Sciences

Kurtzer I. Double-step torques reveal a fixed 50ms delay to integrate multi-joint motion for corrective action. [Poster.] Society for Neuroscience (SFN) Annual Conference, Chicago, I.L., Oct. 17–21, 2015.

## Adena Leder, D.O.

Assistant Professor, Clinical Sciences

De Vries K., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Leder A., Yao S.C. Effect of osteopathic manipulative medicine on motor function and balance in Parkinson disease. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015(115): e86. <http://jaoa.org/article.aspx?articleid=2474297>

Guernsey D., Durrani M., Leder A., Yao S.C. Use of OMT to treat post-concussive symptoms of a mild traumatic brain injury: A case report. [Poster.] American Academy of Osteopathy Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015. [Awarded 3rd place, Case Poster at the Louisa Burns Osteopathic Poster Competition.]

Guernsey D., Leder A., Yao S.C. Application of osteopathic manipulative treatment to improve concussion symptoms: A case series. [Poster.] American Academy of Neurology, Sports Concussion Conference, Colorado Convention Center, Denver, C.O., Jul. 24–26, 2015.

## To Shan Li, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

Roloson L., Defoe D., Jung M.K., Li T.S., Yao S.Y. Effects of OMM clinical exposure on confidence levels of medical students. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015. [Awarded 3rd Place, *Education/Public Health Poster at the Louisa Burns Osteopathic Poster Competition.*]

## Qiangrong Liang, M.D., Ph.D.

Associate Professor, Biomedical Sciences

Catanzaro M., Kobayashi S., Liang Q. Mitochondrial Fragmentation and Mitophagy Contribute to Doxorubicin-induced Cardiomyocyte Death. [Poster Presentation.] Travel Award, Experimental Biology Meeting 2015, Boston, M.A., Mar. 28–Apr. 1.

Catanzaro M., Weiner A., Kaminaris A., Kobayashi S., Liang Q. Doxorubicin-induced H9c2 Cell Death is Mediated by Excessive Mitochondrial Fission and Mitophagy. [Poster Presentation.] American Heart Association Basic Cardiovascular Sciences 2015 Scientific Sessions: Pathways to Cardiovascular Therapeutics, New Orleans, L.A., Jul. 13–16, 2015.

Kaminaris A., Kobayashi S., Liang Q. AMP-Activated Protein Kinase Regulates Mitophagy in H9c2 and NRVC Cells. [Poster Presentation.] Symposium on University Research and Creative Expression (SOURCE). NYIT, New York City, N.Y., Apr. 17, 2015.

Kobayashi S., Gilliland MGF, Hoffman W.H., O'Connor A., Liang Q. Diabetic Ketoacidosis Compromises Cardiac Mitochondrial Quality Control in Humans. [Poster Presentation.] American Heart Association Basic Cardiovascular Sciences 2015 Scientific Sessions: Pathways to Cardiovascular Therapeutics, New Orleans, L.A., Jul. 13–16, 2015.

Kobayashi S., Gilliland MGF, Hoffman W.H., O'Connor A., Liang Q. Dysregulation of Cardiac Mitochondrial Quality Control in Young Adults and Adolescents with Fatal Diabetic Ketoacidosis. [Poster Presentation.] American Diabetes Association 75th Scientific Sessions, Boston, M.A., Jun. 5–9, 2015.

Kobayashi S., Huang Y., Liang Q. Mitophagy in Type 1 Diabetic Heart: Assessed in mice by a Novel Dual Fluorescent Reporter. [Poster Presentation.] Keystone Symposium on Mitochondria, Metabolism and Heart Failure. Santa Fe, N.M., Jan. 27–Feb 1, 2015.

Kramer B., Kobayashi S., Liang Q. Hyperglycemia limits Autophagy via inhibition of Nuclear Translocation of Transcription Factor EB. [Poster Presentation.] American Osteopathic Association (AOA) OMED 2015, Orlando, Florida., Oct. 17–21, 2015.

Liang Q. Dysregulation of Mitochondrial Quality Control and Diabetic Cardiomyopathy. [Invited Speaker.] 5th Clinical and Experimental Cardiology Conference. Philadelphia, P.A., Apr. 27, 2015.

Liang Q. Mitochondrial Quality Control in Type 1 Diabetic Heart. [Invited Speaker.] International Academy of Cardiology Annual Scientific Sessions 20th World Congress on Heart Disease. Vancouver, B.C., Canada., Jul. 25–27, 2015.

Liang Q. Plenary Session of Regulation of Mitochondrial Function and Metabolism. [Chair of National Meeting.] American Heart Association Basic Cardiovascular Sciences 2015 Scientific Sessions: Pathways to Cardiovascular Therapeutics. New Orleans, L.A., Jul. 13–16, 2015.

Liang Q. Session of Mitochondria and Endoplasmic Reticulum-Mediated Cell Death. [Chair of National Meeting.] Keystone Symposiums on Mitochondria, Metabolism and Heart Failure. Santa Fe, N.M., Jan. 27–Feb. 1, 2015.

## Jayme D. Mancini, D.O., Ph.D.

Assistant Professor, Osteopathic Manipulative Medicine

Ciancarelli J., Titterton C., Peguillan A., Leydon K., Pasternack D., Ramos R., Yao S., Flaum T., Mancini J.D. What is the best OMM approach to affect autonomic nervous system control of heart rate variability. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015.

De Vries K., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Leder A., Yao S.C. Effect of osteopathic manipulative medicine on motor function and balance in Parkinson disease. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015(115): e86. <http://jaoa.org/article.aspx?articleid=2474297>

Mancini J., Caruana N. Case Report: Management of camptocormia, anterotorticollis, and diplopia in Parkinson's disease with osteopathic manual therapy and physical therapy. [Poster.] International Parkinson & Movement Disorder Society, San Diego, C.A. Jun. 13, 2015.

Pasternack D.M., O'Malley S., Ramos R.L., Yao S.C., Mancini J.D., Flaum T.B. Sympathetic stimuli: Investigating the effect of somatic dysfunction and other factors on baseline sympathetic tone. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015(115):e118. <http://jaoa.org/article.aspx?articleid=2474297>

Watari J., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Yao S.C. Effect of a single treatment of PARK-OMM protocol on balance in Parkinson's disease: A pilot study. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

## Maria M. Plummer, M.D.

Assistant Professor, Department of Clinical Specialties,  
Division of Pathology

Plummer M.M., Saggio G., Jung M.K., Ehrlichetti A. Primary care medicine and mindfulness—is there a useful link in the undergraduate medical education? [E-Poster.] Harvard Macy Institute Program for Educators in Health Professions, Boston, M.A., May. 18–22, 2015.

## Bernadette Riley, D.O., F.I.L.M.

Clinical Assistant Professor, Family Medicine

Riley B. Innovation in medicine: Using research in osteopathic graduate medical education. [Lecture.] New York Colleges of Osteopathic Medicine Educational Consortium (NYCOMEC) Old Westbury, N.Y., Jun. 12, 2015. <http://myemail.constantcontact.com/NYCOMEC-Newsletter-June-18--2015.html?soid=1118019191434&aid=uk0Yh-1NdFg>

## Gregory Saggio, D.O.

Assistant Professor, Department of Clinical Specialties

Alakkam A., Hill R., Saggio G. Superior mesenteric origin of the proper hepatic artery: embryological and clinical implications. [Poster.] Annual Clinical Assembly of Osteopathic Surgeons, Chicago, I.L., Oct. 4–7, 2015; [Awarded first place, *Student Case Study Poster category.*] [http://www.facos.org/OS/Navigation/Events/Annual\\_Clinical\\_Assembly/Annual\\_Clinical\\_Assembly.aspx](http://www.facos.org/OS/Navigation/Events/Annual_Clinical_Assembly/Annual_Clinical_Assembly.aspx)

Plummer M.M., Saggio G., Jung M.K., Ehrlichetti A. Primary care medicine and mindfulness—is there a useful link in the undergraduate medical education? [E-Poster.] Harvard Macy Institute Program for Educators in Health Professions, Boston, M.A., May. 18–22, 2015.

# Michael Terzella, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

Chan V., Curtis S., Flaum T., Terzella M.J., Cheriyan G., Yao S.C., The role of ultrasound in first-year medical students' learning of lumbar spine anatomy and diagnosing lumbar somatic dysfunctions. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Kortlandt V., Catanzaro M., Terzella M.J. Work, worry, and wonder: Understanding risk factors for neck pain in medical students. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Rivera K., Kooyman P., Terzella M., Jung M.K., Yao S.C. Teaching the teachers: Role-playing and its effect on precepting osteopathic manipulative treatment in the clinical setting. [Poster Presentation & Abstract] 58th Annual American Osteopathic Association (AOA) Research Conference, Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015; 115(12):e89. <http://jaoa.org/article.aspx?articleid=2474297>

# Sheldon C. Yao, D.O.

Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine

Apoznanski T., Chow P., Mirza A., Rusnack F., Mazzie J.P., Flaum T., Yao S.C. The role of ultrasound in assessing the efficacy of cervical HVLA. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Chan V., Curtis S., Flaum T., Terzella M.J., Cheriyan G., Yao S.C., The role of ultrasound in first-year medical students' learning of lumbar spine anatomy and diagnosing lumbar somatic dysfunctions. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Ciancarelli J., Titterton C., Peguillan A., Leydon K., Pasternack D., Ramos R., Yao S., Flaum T., Mancini J.D. What is the best OMM approach to affect autonomic nervous system control of heart rate variability. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct 17–21, 2015.

De Vries K., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Leder A., Yao S.C. Effect of osteopathic manipulative medicine on motor function and balance in Parkinson disease. [Abstract.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015; 115 (12): e86. <http://jaoa.org/article.aspx?articleid=2474297>

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Guernsey D., Durrani M., Leder A., Yao S.C. Use of OMT to treat post-concussive symptoms of a mild traumatic brain injury: A case report. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015. [Awarded 3rd place, *Case Poster at the Louisa Burns Osteopathic Poster Competition.*]

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Hussain M., Yao S.C., Abu-Sbaih R. The use of osteopathic manipulative technique (OMT) in a case of upper extremity edema in a high-risk obstetric patient. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015. [Awarded second place, *Case Poster at the Louisa Burns Osteopathic Poster Competition.*]

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Mukta S., Chow P., Abu-Sbaih R., Yao S.C. An innovative way to educate an osteopathically-naïve population. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Pasternack D.M., O'Malley S., Ramos R.L., Yao S.C., Mancini J.D., Flaum T.B. Sympathetic stimuli: investigating the effect of somatic dysfunction and other factors on baseline sympathetic tone. [Poster.] American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015(115): e118. <http://jaoa.org/article.aspx?articleid=2474297>

Pasternack D., Yao S.C., Abu-Sbaih R. Improvement of asthma in a pregnant patient after osteopathic manipulative treatment (OMT.) [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Rivera K., Kooyman P., Terzella M., Jung M.K., Yao S.C. Teaching the teachers: Role-playing and its effect on Precepting osteopathic manipulative treatment in the clinical setting. [Poster Presentation & Abstract.] 58th American Osteopathic Association (AOA) Research Conference, Osteopathic Medical Conference & Exposition (OMED), Orlando, F.L., Oct. 17–21, 2015. *Journal of the American Osteopathic Association*, 2015; 115(12): e89. <http://jaoa.org/article.aspx?articleid=2474297>

Roloson L., Defoe D., Jung M.K., Li T.S., Yao S.Y. Effects of OMM clinical exposure on confidence levels of medical students. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015. [Awarded third place, *Education/Public Health Poster at the Louisa Burns Osteopathic Poster Competition.*]

Watari J., Apoznanski T., Donoghue J.D., Mancini J., Cheriyan G., Curtis S., Yao S.C. Effect of a single treatment of PARK-OMM protocol on balance in parkinson's disease: A pilot study. [Poster.] American Academy of Osteopathy (AAO) Annual Convocation, Louisville, K.Y., Mar. 11–15, 2015.

Yao S.C. Osteopathic Medicine and Manipulation Basics Plus More. [Program Director & Presenter.] New York Colleges of Osteopathic Medicine Educational Consortium (NYCOMEC) & New York Institute of Technology College of Osteopathic Medicine (NYITCOM), Old Westbury, N.Y., Nov. 12, 2015.

Yao S.C. Emergency and Primary Care Focus. [Program Director & Presenter.] New York Institute of Technology College of Osteopathic Medicine Alumni Association (NYCOMEC) & Osteopathic Medicine Manipulation (OMM) Department, Old Westbury, N.Y., Oct. 29, 2015.



Yao S.C. Osteopathic Manipulative Medicine in the Athletic Population. [Presentation.] Beyond the Sideline: A Comprehensive Approach to the Athletic Patient, New York Institute of Technology Colleges of Osteopathic Medicine Educational Consortium (NYCOMEC), NYIT, Old Westbury, N.Y., Sep. 28, 2015.

Yao S.C. Teaching Osteopathic Manipulative Medicine (OMM): Let your hands do the talking. [Program Director & Presenter.] New York Institute of Technology College of Osteopathic Medicine (NYCOMEC) and Osteopathic Manipulative Medicine (OMM) Department, Old Westbury, N.Y., Jun. 9, 2015.

Yao S.C. Incorporating Osteopathic Manipulative Medicine (OMM) to Enhance your Clinical Practice. [Program Director & Presenter.] Emergency and Primary Care Focus, NYIT Com Alumni Association & OMM Department, Old Westbury, N.Y., May 28, 2015.

## Youhua Zhang, M.D., Ph.D.

Associate Professor, Biomedical Sciences

Delfiner M., Dedkov E., Li Y., Zhang Y. Heart failure reduces epicardial autonomic nerve density. [Poster.] 9th Meeting of the International Society for Autonomic Neuroscience (ISAN 2015), Stresa, Italy, Sep. 26–29, 2015; *Autonomic Neuroscience: Basic and Clinical* (ISAN 2015); 192: 74–75. DOI:10.1016/j.autneu.2015.07.068.

Zhang Y. Zhang's phenomenon (His Electrogram Alternans) and a new model of atrioventricular node dual pathway conduction. [Invited Lecture.] The International Academy of Cardiology Annual Scientific Sessions 2015, 20th World Congress on Heart Disease, Vancouver B.C., Canada, Jul. 25–27, 2015. *The Journal of Heart Disease* 2015; 12(1):19 (Abstract #075.)

Zhang Y., Gerdes A.M. Thyroid dysfunction and atrial fibrillation: The role of myocardial hypothyroidism. [Abstract.] 5th International Conference on Clinical & Experimental Cardiology. Philadelphia, P.A., Apr. 27–29, 2015; *Journal of Clinical & Experimental Cardiology* 2015; 6(4):34.

# III. Honorees and Awardees

Sheldon C. Yao, D.O.

Associate Professor and Acting Chairperson, Osteopathic  
Manipulative Medicine

*Preceptor of the Year Award for Excellence in Teaching, NYITCOM, Class of  
2015; 05/18/2015.*



# 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. PA-10-070; Academic Research Enhancement Award (Parent R15). Grant No. 1 R15 DK091749-01A1.

## Gaberiel Bever, Ph.D.

Assistant Professor, Anatomy

Collaborative Research: Unraveling the Deep History of Avian Neurological Complexity: Implications for the Origins of Flight and Organization of the Modern Avian Brain. National Science Foundation. Award No. DEB-1457298.

## Nancy Bono, D.O.

Associate Professor and Chairperson, Family Medicine

An Accelerated DO/Family Medicine Residency Continuum. Health Resources and Services Administration. HRSA-11-155; Primary Care Training and Enhancement, Predoctoral Training in Primary Care Program. Award No. 6 D56HP23269-05-02.

Family Physician Faculty Training in Geriatrics. Health Resources and Services Administration. HRSA-11-154; Primary Care Training and Enhancement, Physician Faculty Development in Primary Care Program. Award No. 5 D55HP23200-05-00.

## 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.

## 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.

## Satoru Kobayashi, Ph.D.

Instructor and Postdoctoral Fellow, Biomedical Sciences

Lysosomal Dysfunction in the Diabetic Heart. American Heart Association. National—Winter 2015—Scientist Development Grant Program. Award No. 15SDG25080077.

## 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. Award No. 1R15HL120027.

## Michael J. Terzella, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

The Effect of Ultrasound Imaging on Student Learning of Shoulder Anatomy and Landmarks. American Association of Colleges of Osteopathic Medicine. 2015 AACOM Research Grant Program.

## 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.

# V. Grant Recipients— Internally Sponsored

**Qiangrong Liang, M.D., Ph.D.**

Associate Professor, Biomedical Sciences

A Multifunctional Lab-On-Chip Device for Cell Mechanobiology Studies.  
Co-Principal Investigator. ISRC Grant.

**Joanne DiFrancisco-Donoghue,  
Ph.D., RCEP**

Assistant Professor, Clinical Sciences

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

**Ely Rabin, Ph.D.**

Assistant Professor, Biomedical Sciences

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

“Design is not just  
what it looks  
like and feels like.  
Design is how  
it works.”

—Steve Jobs

School of  
Architecture  
and Design

# I. Authors

## David Diamond, M.Arch.

Associate Professor, Architecture

Diamond D. L'emprunt du paysage et l'énigme de Corbu (Borrowing Landscape and the Enigma of Corbu). *Le Visiteur No. 21*, Revue critique d'architecture publiée par la Société française des architectes (Journal of the Society of French Architects) 2015; 21: pgs. 99 – 119 (French text), 286–293 (English text).

## Mathew P. Ford, M.Arch., RA

Assistant Professor, Architecture

Ford M., Van Nest J. Simulating Paradoxes. [Abstract.] 2015 Association of Collegiate Schools of Architecture (ACSA) Fall Conference: Between the Autonomous & Contingent Object. *2015 ACSA Fall Conference Abstract Book*, p. 15. Washington, DC: Association of Collegiate Schools of Architecture (ACSA). [http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook\\_forweb.pdf?sfvrsn=6](http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook_forweb.pdf?sfvrsn=6).

## Charles Matz, B.Arch

Associate Professor, Architecture and Interior Design

Matz C. Pandora's Box. *Lidar Magazine* 2015; 5(5): 58 – 61. [http://www.lidarmag.com/PDF/LiDARMagazine\\_Matz-PandorasBox\\_Vol5No5.pdf](http://www.lidarmag.com/PDF/LiDARMagazine_Matz-PandorasBox_Vol5No5.pdf).

## Jason Van Nest, M.Arch., RA

Assistant Professor, Architecture

Ford M., Van Nest J. Simulating Paradoxes. [Abstract.] 2015 Association of Collegiate Schools of Architecture (ACSA) Fall Conference: Between the Autonomous & Contingent Object. *2015 ACSA Fall Conference Abstract Book*, p.15. Washington, DC: Association of Collegiate Schools of Architecture (ACSA). [http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook\\_forweb.pdf?sfvrsn=6](http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook_forweb.pdf?sfvrsn=6).

## Jon Michael Schwarting, B.Arch., M.Arch.

Professor, Architecture

Schwarting J.M. The Scales of New York. In Contin A. (Editor), *Questo Metropolitan Architecture*; pgs. 162–175. Santacangelo di Romagna.: Maggioli Publisher Inc., 2015.

## II. Presenters at Meetings and Conferences

### David Diamond, M.Arch.

Associate Professor, Architecture

Diamond D. Borrowing Landscape. [Lecture.] l'élan moderne / The Modern Elan, Annual Colloquium of the Société française des architectes, Paris, France., May 29–30, 2015.

### Mathew P. Ford, M.Arch., RA

Assistant Professor, Architecture

Ford M., Van Nest J. Simulating Paradoxes. [Presentation.] 2015 Association of Collegiate Schools of Architecture (ACSA) Fall Conference: Between the Autonomous & Contingent Object. Syracuse, N.Y., Oct. 8–10, 2015; *2015 ACSA Fall Conference Abstract Book*, p. 15. [http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook\\_forweb.pdf?sfvrsn=6](http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook_forweb.pdf?sfvrsn=6)

### Jason Van Nest, M.Arch., RA

Assistant Professor, Architecture

Ford M., Van Nest J. Simulating Paradoxes. [Presentation.] 2015 Association of Collegiate Schools of Architecture (ACSA) Fall Conference: Between the Autonomous & Contingent Object. Syracuse, N.Y., Oct. 8–10, 2015; *2015 ACSA Fall Conference Abstract Book*, p. 15. [http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook\\_forweb.pdf?sfvrsn=6](http://www.acsa-arch.org/docs/default-source/conferences-files/2015-fc-abstractbook_forweb.pdf?sfvrsn=6)

### Martha Jo Siegel, M.S.

Associate Professor and Chairperson, Interior Design

Abramson T.A., Siegel M.J. An interprofessional pedagogical approach to gerontology education. [Lecture.] Gerontological Society of America, Orlando, F.L., Nov. 18–22, 2015. <https://www.geron.org/images/gsa/2015asm/gsa2015programbook.pdf>

# III. Designers and Exhibitors

Frances Campani, B.A., M.Arch.

Associate Professor, Architecture

*Surface Tension*. [Exhibition.] Gallery 61 at New York Institute of Technology, New York, N.Y., Nov. 19, 2015 through Feb. 16, 2016.

Charles Matz, B.Arch.

Associate Professor, Architecture and Interior Design

*Icelandic Tectonics & Chronos* [Exhibition.] Old Westbury, Exhibition Gallery, Old Westbury, N.Y., Nov. 2, 2015 through Nov. 5, 2015.

# IV. Honorees and Awardees

Charles Matz, B.Arch.

Associate Professor, Architecture and Interior Design

*Jury Reviewer* at the Mid-Semester Thesis project, Royal College of Art, Kensington Gore, London., Mar. 3, 2015. Invited by Graeme Brooker, Head of Programme. Review of Master's Level three studios in year 2. Projects sited in Margate and London.



# V. Grant Recipients— Externally Sponsored

Jan Greben, B.Arch., M.S.  
Adjunct Professor, Architecture

Collaboration to Independence in the Work of Eileen Gray. Center for  
Architecture Foundation, 2014 Stewardson Keefe LeBrun Travel Grant.

# VI. Grant Recipients— Internally Sponsored

**Matthias R. Altwicker, B.Arch, M.U.P.,  
RA, AIA, LEED AP**

Associate Professor and Chairperson, Architecture

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

**Mathew P. Ford, M.Arch., RA**

Assistant Professor, Architecture

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

**Farzana Gandhi, LEED AP**

Assistant Professor, Architecture

Social Impact Design: AppDock for Africa. Principal Investigator. ISRC Grant.

**Jan Greben, B.Arch., M.S.**

Adjunct Professor, Architecture

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

**Nader Vossoughian, B.A., M.A.,  
M.Phil., Ph.D.**

Associate Professor, Architecture

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

School of  
Education

# I. Authors

## Carol A. Dahir, Ed.D.

Professor and Chairperson, School Counseling

Dahir C. (Editor.) *Peacebuilding Through Education*. Peace Islands Institute. New Jersey: Lotus Media, 2015.

Shea M., Dahir C., Stone C. Assessment, evaluation and plans. In Trolley B.A., McGinley V.A. (Editors.) *School Counselor Preparation: Working with Students with Disabilities*. Thousand Oaks, C.A.: Sage Publications, 2015.

Stone C., Dahir C. Use of reflective journaling in educator preparation. *Journal of Psychology and Social Studies (JPSS)* 2015; 8(2):1–6.

## Hui-Yin Hsu, Ph.D.

Associate Professor, Teacher Education

Campbell T., Longhurst M.L., Wang S.-K., Hsu H.-Y., Coster D.C. Technologies and reformed-based science instruction: The examination of a professional development model focused on supporting science teaching and learning with technology. *Journal of Science Education and Technology* 2015; 24(5): 562–579. DOI: 10.1007/s10956-015-9548-6.

Hsu H.-Y., Kim P. Preservice teachers' uses of SMILE (Stanford Mobile Inquiry-based Learning Environment) to enact student-generated questioning practices. [Abstract] 2015 World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education Annual Presentation, Kona, Hawaii., Oct. 19, 2015. *E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015*; 348–356. [www.editlib.org/j/ELEARN/v/2015/n/1/](http://www.editlib.org/j/ELEARN/v/2015/n/1/)

Hsu H.-Y. Wang S.-K. New literacy: Integrating technology and literacy skills to science learning. [Abstract] 2015 World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education Annual Presentation, Kona, Hawaii., Oct. 19, 2015. *E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015*; 1776–1786. [www.editlib.org/j/ELEARN/v/2015/n/1/](http://www.editlib.org/j/ELEARN/v/2015/n/1/)

# Shiang-Kwei Wang, Ph.D.

Associate Dean and Professor, Instructional Technology

Campbell T., Longhurst M. L., Wang S.-K., Hsu H.-Y., Coster D.C. Technologies and reformed-based science instruction: The examination of a professional development model focused on supporting science teaching and learning with technology. *Journal of Science Education and Technology* 2015; 24(5): 562–579. DOI: 10.1007/s10956-015-9548-6.

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[www.editlib.org/j/ELEARN/v/2015/n/1/](http://www.editlib.org/j/ELEARN/v/2015/n/1/)

Wang S.-K. Synchronous tools and technologies. In Spector M. (Editor) *Encyclopedia of Educational Technology*. Thousand Oaks, C.A.: Sage Publications, 2015.

## II. Presenters at Meetings and Conferences

### Carol A. Dahir, Ed.D.

Professor and Chairperson, School Counseling

Dahir C.A. Making a Difference in Schools: Impact of Effective School Counselor Leadership. [Keynote Speaker.] 15th Annual Convention of the School Counselors Circle of the Philippines. Pasay City, Philippines., Nov. 30, 2015. <http://www.apsa-esba.com/data/scc.pdf>.

### Hui-Yin Hsu, Ph.D.

Associate Professor, Teacher Education

Campbell T., Wang S.-K., Hsu H.-Y., Coster D., Longhurst M. Reformed-based science instruction: The impact of professional development on teacher self-efficacy and classroom practice and student motivation and achievement. [Paper Presentation.] 2015 Annual Conference of the American Educational Research Association, Chicago, I.L., Apr. 16–20, 2015.

Hsu H.-Y., Kim P. Preservice teachers' uses of SMILE (Stanford Mobile Inquiry-based Learning Environment) to enact student-generated questioning practices. [Abstract & Presentation] 2015 World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education Annual Presentation, Kona, Hawaii., Oct. 19, 2015. *E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015*; 348–356. [www.editlib.org/j/ELEARN/v/2015/n/1/](http://www.editlib.org/j/ELEARN/v/2015/n/1/)

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Hsu H.-Y., Wang S.-K. The impact of professional development on teachers' enactment of new literacy practices. [Paper Presentation.] 2015 Annual Conference of the International Literacy Association, St. Louis, M.I., Jul. 19–22, 2015.

Hsu H.-Y., Wang S.-K. Assessing students' skills in using technology to conduct inquiry activities. [Paper Presentation.] 2015 National Science Teacher Association Annual Conference, Chicago, I.L., Mar. 11–12, 2015.

Hsu H.-Y., Wang S.-K. Assessing students' skills in using technology to conduct inquiry activities. [Paper Presentation.] 2015 NYS STEM Education Collaborative Institute, Alfred, N.Y., Jul. 12–14, 2015.

Hsu H.-Y., Wang S.-K. Gaming literacy and learning. [Paper Presentation.] MOOCs and Beyond: Teaching and Learning with Technology Conference, Nanjing, China, May 28–29, 2015.

Hsu H.-Y., Wang S.-K. The effectiveness of teaching and learning in MOOCs. [Paper Presentation.] MOOCs and Beyond: Teaching and Learning with Technology Conference, Nanjing, China, May 28–29, 2015.

Hsu H.-Y., Wang S.-K., Coster D. The impact of professional development on teachers' enactment of new literacy practices on middle school students' reading and science content learning outcomes. [Paper Presentation.] 2015 Annual Conference of the American Educational Research Association, Chicago, I.L., Apr. 16–20, 2015.

Hsu H.-Y., Wang S.-K., Coster D. The impact of professional development on teachers' enactment of new literacy practices on middle school students' reading and science content learning outcomes. [Paper Presentation.] 2015 Society for Information Technology and Teacher Education, Las Vegas, N.V., Mar. 2–6, 2015.

Wang S.-K., Hsu H.-Y., Reeves T.C., Coster D. Professional development to enhance teachers' practices in using information and communication technologies (ICTs) as cognitive tools: Lessons learned from a design-based research study. [Paper Presentation.] 2015 Society for Information Technology and Teacher Education, Las Vegas, N.V., Mar. 2–6, 2015.

Wang S.-K., Hsu H.-Y., Reeves T.C., Coster D. Professional development to enhance teachers' practices in using information and communication technologies (ICTs) as cognitive tools: Lessons learned from a design-based research study. [Paper Presentation.] 2015 Annual Conference of the American Educational Research Association, Chicago, I.L., Apr. 16–20, 2015.

Hsu H.-Y. Using inquiry-based learning (SMILE, Stanford Mobile Inquiry-based Learning Environment) to facilitate student-generated questioning practices/ Gaming literacy and learning/MOOC. [Keynote Speaker.] National Kaohsiung University, Taiwan., Nov. 11, 2015. Invitation was supported by the grant funding from Taiwan Ministry of Science and Technology.

Hsu H.-Y. Using inquiry-based learning (SMILE, Stanford Mobile Inquiry-based Learning Environment) to facilitate student-generated questioning practices/ Gaming literacy and learning/MOOC. [Keynote Speaker.] National Sun-Yat Sen University, Taiwan. Invitation was supported by the grant funding from Taiwan Ministry of Science and Technology.

Hsu H.-Y. Using inquiry-based learning (SMILE, Stanford Mobile Inquiry-based Learning Environment) to facilitate student-generated questioning practices/ Gaming literacy and learning/MOOC. [Keynote Speaker.] National Kaohsiung Normal University, Taiwan. Invitation was supported by the grant funding from Taiwan Ministry of Science and Technology.

# Shiang-Kwei Wang, Ph.D.

Associate Dean and Professor, Instructional Technology

Campbell T., Wang S.-K., Hsu H.-Y., Coster D., Longhurst M. Reformed-based science instruction: The impact of professional development on teacher self-efficacy and classroom practice and student motivation and achievement. [Paper Presentation.] 2015 Annual Conference of the American Educational Research Association, Chicago, I.L., Apr. 16–20, 2015.

Hsu H.-Y., Wang S.-K. New literacy: Integrating technology and literacy skills to science learning. [Abstract & Presentation.] 2015 World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education Annual Presentation, Kona, Hawaii, Oct. 19, 2015. *E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2015*; 1776–1786. [www.editlib.org/j/ELEARN/v/2015/n/1/](http://www.editlib.org/j/ELEARN/v/2015/n/1/)

Hsu H.-Y., Wang S.-K. Gaming literacy and learning. [Paper Presentation.] MOOCs and Beyond: Teaching and Learning with Technology Conference, Nanjing, China, May 28–29, 2015.

Hsu H.-Y., Wang S.-K. The effectiveness of teaching and learning in MOOCs. [Paper Presentation.] MOOCs and Beyond: Teaching and Learning with Technology Conference, Nanjing, China., May 28–29, 2015.

Hsu H.-Y., Wang S.-K. Assessing students' skills in using technology to conduct inquiry activities. [Paper Presentation.] 2015 National Science Teacher Association Annual Conference, Chicago, I.L., Mar. 11–12, 2015.

Hsu H.-Y., Wang S.-K. Coster D. The impact of professional development on teachers' enactment of new literacy practices on middle school students' reading and science content learning outcomes. [Paper Presentation.] 2015 Annual Conference of the American Educational Research Association, Chicago, I.L., Apr. 16–20, 2015.

Hsu H.-Y., Wang S.-K. Coster D. The impact of professional development on teachers' enactment of new literacy practices on middle school students' reading and science content learning outcomes. [Paper Presentation.] 2015 Society for Information Technology and Teacher Education, Las Vegas, N.V., Mar. 2–6, 2015.

Wang S.-K., Hsu H.-Y., Reeves T.C., Coster D. Professional development to enhance teachers' practices in using information and communication technologies (ICTs) as cognitive tools: Lessons learned from a design-based research study. [Paper Presentation.] 2015 Annual Conference of the American Educational Research Association, Chicago, I.L., Apr. 16–20, 2015.



# III. Honorees and Awardees

**Carol A. Dahir, Ed.D.**

Professor and Chairperson, School Counseling

*Certificate of Appreciation.* In recognition of her knowledge and expertise in the field of counseling, and for taking the time to share her expertise on the topic: *Lecture-Workshop on Effective Principal-Counselor Collaboration.* Awarded by the School Counselors Circle of the Philippines, Pasay City, Philippines, Dec. 2, 2015.

# IV. Grant Recipients— Externally Sponsored

**Carol A. Dahir, Ed.D.**

Professor and Chairperson, School Counseling

Senior Class Focus on College Access. New York State Higher Education Services Corporation, College Access Challenge Grants Program (CACGP); No. HES01-Action-2015-00010. Activity No. 545108.

Kids 2 College. Commission of Independent Colleges and Universities (CICU)-2015–2016 (MA) Activity No. 589113- MS CACG CICU.

Kids 2 College. Commission of Independent Colleges and Universities (CICU)-2015–2016 (OW) Activity No. 589208- OW CICU MS School.

**Stan Silverman, M.S.**

Professor, Instructional Technology; Director,  
Technology Based Learning Systems

NYIT Science and Technology Entry Program (STEP) 2015–2020. New York State Education Department. No. C402608.

**Shiang-Kwei Wang, Ph.D.**

Associate Professor, Instructional Technology

**Hui-Yin Hsu, Ph.D.**

Associate Professor, Teacher Education

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

## Daniel Cinotti, Ph.D.

Assistant Professor, School of Counseling

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

## 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. IRSC 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, Ph.D.

Associate Professor and Department Chair,  
Instructional Technology

Training Future Administrators to Supervise School Counselors:  
An Interdepartmental Approach. 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.

## Michael Uttendorfer, Ed.D.

Associate Professor, Instructional Technology,  
School of Education

Online Grammar Tutorials for International Students.  
Co-Principal Investigator. TLT Grant.

“A world which  
sees art and  
engineering as  
divided is not  
seeing the world  
as a whole.”

—Professor  
Sir Edmund Happold

School of  
Engineering  
and  
Computing  
Sciences

# I. Authors

## Nada M. Anid, Ph.D.

Dean, School of Engineering and Computing Sciences;  
Professor, Engineering

Anid N. Energy and sustainability inspire next generation. *The Corridor Journal of Strategic Alliances*, Special Issue on Sustainable Energy and the Environment 2015. [http://www.thecorridorli.com/download/The\\_Corridor\\_2-007.pdf](http://www.thecorridorli.com/download/The_Corridor_2-007.pdf)

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Professor, Electrical and Computer Engineering,  
Computer Science

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NYIT-Vancouver

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Director of Strategic Partnerships, School of Engineering and Computing Sciences

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## Jonathan Voris, Ph.D.

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## Donglin Wang, Ph.D.

Assistant Professor, Electrical and Computer Engineering;  
Nanjing Campus

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## Geffrey M. Waxman, Ed.D.

Adjunct Professor, Engineering and Computer Science

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## Xun Yu, Ph.D.

Chair and Associate Professor, Mechanical Engineering

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## II. Presenters at Meetings and Conferences

### Nada M. Anid, Ph.D.

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Professor, Engineering

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Assistant Professor, Electrical and Computer Engineering

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## Steven H. Billis, Ph.D.

Professor, Electrical and Computer Engineering,  
Computer Science

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## Dorinamaria Carka, Ph.D.

Assistant Professor, Mechanical Engineering Department

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## Ziqian Dong, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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# Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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# Paolo Gasti, Ph.D.

Assistant Professor, Computer Science

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# Huanying Gu, Ph.D.

Associate Professor, Computer Science

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# Fang Li, Ph.D.

Assistant Professor, Mechanical Engineering

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Li F. Cell-on-chip stretchable platform for mammalian cells studies. [Abstract.] 18th International Conference on Solid-State Sensors, Actuators and Microsystems Transducers, Anchorage, A.K., Jun. 21–25, 2015.

# Wenjia Li, Ph.D.

Assistant Professor, Computer Science

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## Eric Mazzi, M.S.

Adjunct Professor and Coordinator, Energy Management,  
NYIT-Vancouver

Mazzi E., Capehart B., Cote M., Cowan K., Dixon S., Paraschiv D., Rubinstein E., Sulyma I., Taylor S., and Tiedemann K. Incorporating behavior change concepts into facility energy management training in professional and post-secondary programs. [Conference Paper.] The Seventh International Conference on Engineering Education for Sustainable Development (EESD15') Vancouver, B.C. Jun. 9 – 12, 2015. <https://open.library.ubc.ca/cIRcle/collections/52657/items/1.0064687>

## Marta A. Panero, Ph.D.

Director of Strategic Partnerships, School of Engineering  
and Computing Sciences

Anid N., Panero M. Workshop: Food-energy-water nexus in sustainable cities. [Presentation.] Sustainable Megacities Conference: Food-Energy-Water and the Built Environment, co-hosted by New York Institute of Technology (NYIT) and Peking University (PKU), Beijing, China, Oct. 20–21, 2015.

Panero M. Research and educational programs at NYIT. [Oral Presentation.] United Technologies Research Center (UTRC) Research Programs Conference Hosting U.S. DoT OST-R's Assistant Secretary Gregory D. Winfree. City College of New York (CUNY), New York, N.Y., May 15, 2015.

Panero M. Urban Distribution Centers: Solutions to the last-mile problem. [Presentation.] Workshop Improving Freight Systems in Metropolitan Areas: From NYC to Across the Globe, organized by Rensselaer Polytechnic Institute (RPI) and New York Institute of Technology (NYIT) co-sponsored by the VREF Center of Excellence for Sustainable Urban Freight Systems (CoE-SUFS) and the University Transportation Research Center (UTRC). New York, N.Y., Sep. 16, 2015.

## Reza M. Parizi, Ph.D.

Associate Professor, School of Engineering and  
Computing Sciences

Parizi R.M., Kasem A., Abdullah A., Towards gamification in software traceability: between test and code artifacts. [Conference Paper.] *Proceedings of the 10th International Conference on Software Engineering and Applications (ICSOFT-EA15)*, 393–400, Colmar, Alsace, France., Jul. 20–22, 2015; DOI: 10.5220/0005555503930400.

Rafati A., Lee S.P., Parizi R.M., Zaman S. A test-to-code traceability method using .NET custom attributes. [Conference Paper.] *Proceedings of the 2015 International Conference on Research in Adaptive and Convergent Systems (RACS15.)*, 489–496. ACM International Conference on Research in Adaptive and Convergent Systems (RACS15), Prague, Czech Republic, Oct. 9–12, 2015. DOI:10.1145/2811411.2811553.

## Anand Santhanakrishnan, Ph.D.

Assistant Professor, Electrical Engineering and  
Computer Science

Louni A., Anand S.[sic], Subbalakshmi K.P. Identification of source of rumors in social networks with incomplete information. [Conference Paper.] 2015 Academy of Science & Engineering (ASE) Eighth International Conference on Social Computing. (SOCIALCOM'2015), Stanford University, Stanford, C.A., Aug. 18–20, 2015.

## Jonathan Voris, Ph.D.

Assistant Professor, School of Engineering and  
Computing Sciences

Balagani K., Gasti P., Voris J. Dimensions of mobile security: Energy aware privacy preserving active authentication and biometrics. [Presentation.] 6th Annual NYIT Cybersecurity Conference, Auditorium on Broadway, New York, N.Y., Sep. 24, 2015.

Beheshti B.D., Cui X., Voris J., Wen J., Yin E. Digital communications and safe, smart cities. [Panel.] Sustainable Megacities Conference: Food-Energy-Water and the Built Environment, co-hosted by New York Institute of Technology (NYIT) and Peking University (PKU), Beijing, China, Oct. 20–21, 2015.

Voris J. Data Modeling for attribution and verification in smart city networks. [Presentation.] Sustainable Megacities Conference: Food-Energy-Water and the Built Environment co-hosted by New York Institute of Technology (NYIT) and Peking University (PKU), Beijing, China, Oct. 20–21, 2015.

Voris J., Artan N.S., Li W. Selective sensing for transportation safety. [Abstract.] Transportation Technology Symposium: Innovative Mobility Solutions, United Technologies Research Center (UTRC) Technology Conference, New York, N.Y., Nov. 20, 2015.

Voris J., Daus M., Keating A., Agrawal S. Panel: Mobile Applications for Enhanced Transportation. [Presentation.] Workshop on Travel Information Systems and Mobile Applications for Enhanced Transport, New York Institute of Technology, 11th Floor Auditorium, New York, N.Y., Dec. 10, 2015.

Voris J., Jermyn J., Boggs N., Stolfo S. Fox in the Trap: Thwarting Masqueraders via Automated Decoy Document Deployment. [Workshop Presentation.] 8th European Workshop on System Security (EuroSec) co-located with the 10th European Conference on Computer Systems (EuroSys), Bordeaux, France, Apr. 21, 2015.

## Geffrey M. Waxman, Ed.D.

Adjunct Professor, Engineering and Computer Science

Waxman G.M. Reading scores and gender. [Presentation.] 3rd Annual Leadership Program Roundtable Presentation. Queens, N.Y., Mar. 28, 2015.

Waxman G.M. Reading scores and gender. [Presentation.] 4th International Scientific Forum 2015. University of Oxford, Oxford, United Kingdom. Sep. 2–4, 2015.

Waxman G.M. Reading scores and gender.[Presentation.] 3rd Global Academic Meeting (GAM) of the European Scientific Institute and the Center for Global Health, NYIT. New York, N.Y., Sep. 17–19, 2015.

## Xun Yu, Ph.D.

Chair and Associate Professor, Mechanical Engineering

He Q., Yu X. Effect of boron nitride on the mechanical and electrochemical properties of cement composite. [Conference Paper.] 2015 ASME International Mechanical Engineering Congress & Exposition (IMECE 2015), Houston, T.X., Nov. 13–19, 2015, paper #: IMECE2015-53113.

# III. Honorees and Awardees

## Nada M. Anid, Ph.D.

Dean, School of Engineering and Computing Sciences;  
Professor, Engineering

*Make a Difference Award.* Conferred by the Board of Directors of the American Foundation for Saint George Hospital. Fifth Annual Gala of the Foundation for Saint George Hospital (FSGH), Andrew Mellon Auditorium, Washington, D.C., Nov. 7, 2015.

*Power Women in Business.* Recognized at the Star Network Gala and Awarded the Queens Courier 2015 Long Island Power Women in Business Award for her special service and contributions to the New York and Long Island communities. Great Neck, N.Y., Dec. 3, 2015. [http://www.nyit.edu/engineering/announcements/dean\\_anid\\_receives\\_service\\_and\\_leadership\\_awards](http://www.nyit.edu/engineering/announcements/dean_anid_receives_service_and_leadership_awards)

## Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Recipient of the *2015 Innovator of the Year Award* in the category of Science and Technology from Innovate Long Island (LI). <http://www.innovateli.com/2015-innovator-of-the-year-winners-named/>

Recipient of *Outstanding Young Engineer Award* from IEEE Long Island Section, 2014; for pioneering contributions to the development of medical devices for treatment of chronic pain and gastric disease diagnosis. Woodbury, N.Y., Mar. 19, 2015. [https://www.ieee.li/pulse/pulse\\_2015\\_01.pdf](https://www.ieee.li/pulse/pulse_2015_01.pdf)

## Xun Yu, Ph.D.

Chair and Associate Professor, Mechanical Engineering

*Fellow*, The American Society of Mechanical Engineers (ASME). March, 2015.

# IV. Patents

## Ziqian Dong, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Rojas-Cessa R., Dong Z. Forwarding cells of partitioned data through a three-stage Clos-network packet switch with memory at each stage. U.S. patent No.9100322. Aug. 4, 2015.

Rabin E., Dong Z. Motorized walker. International patent application, publication number WO2015/073521 A2. May 21, 2015.

Rojas-Cessa R., Lin C.B., Dong Z. Space-space-memory (SSM) Clos-network packet switch. US patent No. 8995456. Mar. 31, 2015.

# V. Grant Recipients— Externally Sponsored

## Nada M. Anid, Ph.D.

Dean, School of Engineering and Computing Sciences;  
Professor, Engineering

Clean Water Matters: Challenges and Research Perspectives Workshop.  
National Science Foundation. PD 14-7643; Environmental Sustainability.  
Award No. CBET-1438644.

Collaborative Research: A Novel, Multidisciplinary, Multi-campus Undergraduate  
Minor to Enhance STEM Learning in Energy Science, Technology, and Policy.  
National Science Foundation. No.1245943.

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.

FEW Workshop: Food, Energy, and Water Nexus in Sustainable Cities, National  
Science Foundation, CBET-Environmental Sustainability Program NSF Award  
No. 1541866.

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

Training and Research Programs at NYIT's Cybersecurity Research Center  
and Start-Up NY Facility (New York and Abu Dhabi Campuses.) Northrop  
Grumman Corporation.

Pathways to Cleaner Production in the Americas through Integration of Business,  
Engineering and Environmental Education. Illinois Institute of Technology, Higher  
Education for Development. No. SA 470-0628-8148.

UTRC Education and Technology Transfer: NYIT Proposal for a Transportation  
Innovation Series, Region II University Transportation Research Center,  
Subcontract No. 49198-12-27.

## N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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



## Kiran S. Balagani, Ph.D.

Assistant Professor, Computer Sciences

Design and Development of a Suite of Keyboard-based Biometrics for an Active Authentication System. Defense Advanced Research Projects Agency; Awarded by the U.S. Air Force Research Laboratory. Award No. FA8750-13-2-0274. Subcontract Agreement No. 32-4133-56192 under award to Louisiana Tech University.

## Ziqian Dong, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Pathway to Innovation. National Science Foundation, co-sponsored by Stanford University and NCIIA/VentureWell; Team member with Team Leaders Dr. Richard Simpson and Dean Nada Assaf-Anid 1/15/2015 – 1/14/2017.

REU Site: Research on Security of Mobile Devices and Wireless Networks at New York Institute of Technology Project period: 2013–2016, National Science Foundation, Research Experiences for Undergraduates (REU) Sites and Supplements; Award No. CNS-1263283.

## Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

An Implantable Wireless System to Study Gastric Neurophysiology. National Institutes of Health-U18, Award No. 1 U18 EB021789-01.

## Paolo Gasti, Ph.D.

Assistant Professor, Computer Science

Conference and Symposia Grant: ARO Travel Grant Support for Association for Computing Machinery (ACM) WiSec 2015 Conference, Army Research Office. Award No. W911NF-15-1-0284.

Design and Development of a Suite of Keyboard-based Biometrics for an Active Authentication System. Defense Advanced Research Projects Agency; Awarded by the U.S. Air Force Research Laboratory. Award No. FA8750-13-2-0274. Subcontract Agreement No. 32-4133-56192 under award to Louisiana Tech University.

NSF Travel Grant Support for Association for Computing Machinery (ACM) WiSec 2015 Conference, National Science Foundation. Award No:(FAIN):1523400; Proposal No.1523400.

## Huanying Gu, Ph.D.

Associate Professor, Computer Science

A family-based framework of quality assurance for biomedical ontologies, subcontract of National Institutes of Health Grant Award No.R01- CA190779-01.

## Fang Li, Ph.D.

Assistant Professor, Mechanical Engineering

A Self-Powered, Wireless Sensor System for Remote and Long-Term Monitoring of Internal Conditions of Nuclear Waste Casks. X-wave Innovations, Inc. Award No. DE-SC0013745; Subcontract No. 1021-3.

## Wenjia Li, 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.

## Marta A. Panero, Ph.D.

Director of Strategic Partnerships, School of Engineering and Computing Sciences

UTRC Education and Technology Transfer: NYIT Proposal for a Transportation Innovation Series, Region II University Transportation Research Center, Subcontract No. 49198-12-27.

## Richard C. Simpson, Ph.D.

Associate Professor and Associate Dean for Research, Electrical and Computer Engineering

Model-Based Software for Configuring Single-Switch Scanning Systems. Koester Performance Research. Grant No. 2 R44 HD068026-02A1.

## 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.

## Sabiha A. Wadoo, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Traffic Prediction using Wireless Cellular Networks. Region II University Transportation Research Center. Subcontract No. 49198-11-26.

# VI. Grant Recipients— Internally Sponsored

## N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

## Ahmed Awad, Ph.D.

Associate Professor, School of Engineering and  
Computing Sciences; NYIT-Vancouver

Collective Framework for Fraud Detection using Behavioral Biometrics.  
Global Faculty Summer Research & Creativity Grant (GFSRC).

## Kiran S. Balagani, Ph.D.

Assistant Professor, Computer Science

Energy-Efficient Privacy-Preserving Smartphone User Authentication via  
Offloading of Computation. Co-Principal Investigator. ISRC Grant.

Lightweight Mutual Authentication for Cloud-Based WBANs. Co-Principal  
Investigator. ISRC Grant.

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

## Ziqian Dong, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Integrating Research Activities into Undergraduate Studies across  
Global Campuses. Principal Investigator. TLT Grant.

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

## Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

A Multi-Channel Implantable System for Monitoring Gastric Electrical Activities. Principal Investigator. ISRC Grant.

Restoring Gastric Motility: A Model-Based Solution for Closed-Loop Implantable Pulse Generators. Principal Investigator. ISRC Grant.

## Paolo Gasti, Ph.D.

Assistant Professor, Computer Science

Energy-Efficient Privacy-Preserving Smartphone User Authentication via Offloading of Computation. Principal Investigator. ISRC Grant.

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

## Huanying Gu, Ph.D.

Associate Professor, Computer Science

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

## Thaier Hayajneh, Ph.D.

Assistant Professor, Computer Science

Lightweight Mutual Authentication for Cloud-Based WBANs. Principal Investigator. ISRC Grant.

## Hossein Kashani, M.S.

Associate Professor, Electrical Engineering Technology

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

## Fang Li, Ph.D.

Assistant Professor, Mechanical Engineering

A Multifunctional Lab-On-Chip Device for Cell Mechanobiology Studies. Principal Investigator. ISRC Grant.

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

**Richard A. Meyers, M.S.E.E.**  
Associate Professor, Electrical Engineering Technology

Idiomatic Programming: A Methodology for Developing Source Code.  
Principal Investigator. ISRC Grant.

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

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

**Donglin Wang, Ph.D.**  
Assistant Professor, Electrical and Computer Engineering

Integrating Research Activities into Undergraduate Studies Across  
Global Campuses. Co-Principal Investigator. TLT Grant.

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

SecuRepo: Investigating Security Features for Source Code Repositories.  
Principal Investigator. ISRC Grant.

**Tao Zhang, Ph.D.**  
Associate Professor, Computer Science

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

“We keep moving forward, opening new doors, and doing new things, because we are curious, and curiosity keeps leading us down new paths.”

—Walt Disney

School of  
Health  
Professions

# I. Authors

## Tobi A. Abramson, Ph.D.

Assistant Professor, Interdisciplinary Health Sciences

Abramson T.A. Aging and society. In *Working With Older Adults: A Professional's Guide to Contemporary Issues of Aging*, pgs. 1–26. Denver, C.O., Society of Certified Senior Advisors, 2015.

Abramson T.A. The experience of aging. In *Working With Older Adults: A Professional's Guide to Contemporary Issues of Aging*, pgs. 27–58. Denver, C.O., Society of Certified Senior Advisors, 2015.

Abramson T.A. Cognitive changes in aging. In *Working With Older Adults: A Professional's Guide to Contemporary Issues of Aging*, pgs. 71–104. Denver, C.O., Society of Certified Senior Advisors, 2015.

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Abramson T.A. An exploratory study of physician assistants' knowledge about the caregivers of their older patients. *International Journal of Education and Social Science* 2015; 2(9), 40–49.

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## Melanie Austin-McCain, OTD, MPA, OTR/L

Assistant Professor, Occupational Therapy

Austin-McCain M. Lifesteps: an evidence-based health promotion program for underserved populations—A community service-learning approach. *The Open Journal of Occupational Therapy* (published online Apr. 1, 2015); 3(2): 8. DOI: /10.15453/2168-6408.1136

## Carol Caico, Ph.D., C.S., NP

Associate Professor, Nursing

Caico C. Sexually risky behavior in college students compared to risky behavior in older women. *European Scientific Journal* 2015; 11(6): 170–175. <http://eujournal.org/index.php/esj/article/view/5135/5025>



**Donna T. Darcy, M.A., R.N.,  
ACNS-BC, CMSRN**  
Clinical Assistant Professor, Nursing

Darcy D., Treister P. Revisiting human patient simulation in nursing education. *Proceedings of EdMedia: World Conference on Educational Media and Technology 2015*; pgs. 1273–1277. <https://www.editlib.org/p/151389/>

**Peter Douris, Ed.D.**  
Professor, Physical Therapy

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

Gallagher R., Werner W.G., Damodaran H., Deutsch J.E. Influence of cueing, feedback, and directed attention on cycling in a virtual environment: Preliminary findings in healthy adults and persons with Parkinson's disease. Published in *Virtual Rehabilitation Proceedings (ICVR), IEEE Conference Proceedings 2015*; 11–17; DOI:10.1109/ICVR.2015.7358596.

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**Mindy Haar, Ph.D., RD, CDN**  
Director of Program Development, Interdisciplinary  
Health Sciences

Lardner D.A., Giordano J., Jung M.K., Passafaro M.D., Small A., Haar M., Beria J.S. Evaluation of nutritional status with anthropometric measures among school aged children in rural Kwahu Eastern region, Ghana; Anthropometric measures and environmental influences. *African Journal of Food, Agriculture, Nutrition and Development (AJFAND)* 2015; 15(3): 9996 – 10012. <http://www.ajol.info/index.php/ajfand/article/view/121931/111407>

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

Douris P., Douris C., Balder N., LaCasse M., Rand A., Tarapore F., Zhuchkan A., Handrakis J. Martial art training and cognitive performance in middle-aged adults. *Journal of Human Kinetics* 2015; 47: 277–83. DOI: 10.1515/hukin-2015-0083.

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## Lorraine Mongiello, Dr.P.H.

Assistant Professor, Interdisciplinary Health Sciences

Jones H., Freudenberg N., Mongiello L.L. Modeling BMI, dietary habits, and physical activity among ethnically diverse urban college students. *The Journal of Health Disparities Research and Practice*. Summer 2015; 8(2): 61–74.

Mongiello L.L., Freudenberg N., Jones H. Diabetes risk factor knowledge varies among multiracial college students. *Journal of Immigrant and Minority Health* 2015; 17(4) DOI: 10.1007/s10903-015-0250-9.

Mongiello L.L., Freudenberg N., Spark A. Making the healthy choice the easy choice on campus: a qualitative study. *Health Behavior & Policy Review* 2015; 2(2): 110–121.

## Lisa Sparacino, M.S., RN, CCRN, Ph.D.(c)

Assistant Professor, Nursing

Della Vecchia E., Sparacino L. High fidelity simulator experience for enhancing communication effectiveness: Applications to quality and safety education for nurses. *Journal of Nursing Education and Practice* 2015; 5(9) DOI:10.5430/jnep.v5n9p78.

## Pamela Treister, M.S., CNS, RN, CMSRN

Clinical Assistant Professor

Darcy D., Treister P. Revisiting human patient simulation in nursing education. *Proceedings of EdMedia: World Conference on Educational Media and Technology 2015*; pgs. 1273–1277. <https://www.editlib.org/p/151389/>

## II. Presenters at Meetings and Conferences

### Tobi A. Abramson, Ph.D.

Assistant Professor, Interdisciplinary Health Sciences

Abramson T.A., Genne M. The use of creative arts in psychotherapy with older adults. [Lecture.] Annual Aging in America Conference of the American Society on Aging, Chicago, I.L., Mar. 23–27, 2015.

Abramson T.A., Siegel M.J. An interprofessional pedagogical approach to gerontology education. [Lecture.] Gerontological Society of America, Orlando, F.L., Nov. 18–22, 2015. <https://www.geron.org/images/gsa/2015asm/gsa2015programbook.pdf>

Golance R., Abramson T.A., Katona L. Sex in the head. [Lecture.] Annual Aging in America Conference of the American Society on Aging, Chicago, I.L., Mar. 23–27, 2015.

Perlstein S., Abramson T.A., Noelker L., Lingafelter N., Mondro A., Rubin S., Sachs J. Creativity in lifelong learning: New initiatives in art, life review, dance, and more. [Lecture.] Annual Aging in America Conference of the American Society on Aging, Chicago, I.L., Mar. 23–27, 2015.

Abramson T.A. Mind, body, and soul: Creativity and aging. [Keynote Address.] Ecumenical Center, San Antonio, T.X., Apr. 30, 2015.

Abramson T.A. What it means to be old— The aging body, mind, soul. [Keynote Address.] Creative Center at University Settlement, New York, N.Y., Mar. 16, 2015.

### Melanie Austin-McCain, OTD, MPA, OTR/L

Assistant Professor, Occupational Therapy

Austin-McCain M. Lifesteps: An evidence-based health promotion program for underserved populations—A community service-learning approach. [Poster.] 95th Annual Conference & Expo of the American Occupational Therapy Association, Nashville, T.N., Apr. 16–19, 2015.

### Donna T. Darcy, M.A., RN, ACNS-BC, CMSRN

Clinical Assistant Professor, Nursing

Darcy D., Treister P. Revisiting human patient simulation in nursing education. [Presentation.] EdMedia 2015: World Conference on Educational Media and Technology. pgs. 1273–1277; Association for the Advancement of Computing in Education (AACE)., Montreal, Quebec, Canada., Jun. 21–24, 2015. <https://www.editlib.org/p/151389/>

## B. Suzy Diggle-Fox, Ph.D., GNP, ANP, B-C

Assistant Professor, Nursing

Diggle-Fox B.S., Sparacino L. Educating senior citizens regarding infection control. [Poster Presentation.] Columbia 52nd Isabel Maitland Stewart Conference, Teachers College Columbia University, New York, N.Y., Apr. 17, 2015; [www.teneaa.org](http://www.teneaa.org)

Sparacino L., Diggle-Fox B.S. Reducing perceived student, family, and significant other's anxiety through an orientation program. [Poster Presentation & Abstract.] North Shore LIJ Health System's 8th Annual Nursing Education Conference, Syosset, N.Y., Oct. 13, 2015.

## Peter Douris, Ed.D.

Professor, Physical Therapy

Mancinelli J., Douris C., Tarapore F., Jung M.K., Krishnamachari B., Douris P., Kooyman P. Evaluation of NYIT-COM osteopathic medical student & alumni understanding of and support for inter-professional collaboration. [Poster.] International Association of Medical Science Educators (IAMSE) 19th Annual Conference, San Diego, C.A., Jun. 13–16, 2015.

## Rosemary Gallagher, PT, D.P.T., GCS, Ph.D.(c)

Assistant Professor, Physical Therapy

Gallagher R., Werner W.G., Damodaran H., Deutsch J.E. Influence of cueing, feedback, and directed attention on cycling in a virtual environment: Preliminary findings in healthy adults and persons with Parkinson's disease. [Presentation.] Published in *Virtual Rehabilitation Proceedings (ICVR) IEEE Conference Proceedings 2015*; 11–17, Valencia, Spain., Jun. 9–12, 2015; DOI:10.1109/ICVR.2015.7358596.

Kurtzer I., Gallagher R. Task-dependent feedback control is impaired during Parkinson's disease. [Presentation.] The Neural Control of Movement Conference, Charleston, S.C., Apr. 20–24, 2015.

## Mark J. Gugliotti, PT, D.P.T.

Assistant Professor, Physical Therapy

Gugliotti M. Impact of shoulder internal rotation on normal sensory response of the ulnar nerve in asymptomatic individuals. [Presentation] Association of School of Allied Health Professions Annual Conference, Scottsdale, A.Z., Oct. 28–30, 2015.

Gugliotti M. Impact of shoulder internal rotation on normal sensory response of the ulnar nerve in asymptomatic individuals. [Poster.] American Physical Therapy Association's 2015 Combined Sections Meeting, Indianapolis, I.N., Feb. 6, 2015.

## Mindy Haar, Ph.D., RD, CDN

Director of Program Development, Interdisciplinary  
Health Sciences

Haar M. Using technology to bridge the virtual distance in online courses. [Presentation.] Association of Schools of Public Health Annual Conference, Scottsdale, A.Z., Oct. 28, 2015.

## John P. Handrakis, PT, D.P.T., Ed.D.

Associate Professor, Physical Therapy

Tascione O., Singh K., Spungen A., Bauman W., Handrakis J.P. Self-reported effects of warm temperature exposure in persons with Tetraplegia. [Poster Presentation.] Academy of Spinal Cord Injury Professionals, 2015 Academy of Spinal Cord Injury Professionals Educational Conference and Expo, New Orleans, L.A., Sep. 6–9, 2015. <http://www.academyscipro.org/uploads/docuploads/ASCIP%20Conference%20Program%202015.pdf>

## Lisa Sparacino, M.S., RN, CCRN, Ph.D.(c)

Assistant Professor, Nursing

Diggle-Fox B.S., Sparacino L. Educating senior citizens regarding infection control. [Poster Presentation.] Columbia 52nd Isabel Maitland Stewart Conference on Research in Nursing, Teachers College Columbia University, New York, N.Y., Apr. 17, 2015; [www.tcneaa.org](http://www.tcneaa.org)

Sparacino L., Diggle-Fox B.S. Reducing perceived student, family, and significant other's anxiety through an orientation program. [Poster Presentation & Abstract.] North Shore LIJ Health System's 8th Annual Nursing Education Conference, Syosset, N.Y., Oct. 13, 2015.

## Pamela Treister, M.S., CNS, RN, CMSRN

Clinical Assistant Professor

Darcy D., Treister P. Revisiting human patient simulation in nursing education. [Presentation.] In *Proceedings of EdMedia: World Conference on Educational Media and Technology 2015*. pgs. 1273–1277; Association for the Advancement of Computing in Education (AACE)., Montreal, Quebec, Canada, Jun. 21–24, 2015. <https://www.editlib.org/p/151389/>

# III. Honorees and Awardees

## Tobi A. Abramson, Ph.D.

Assistant Professor, Interdisciplinary Health Sciences

*Distinguished Service Award*, Adult Development and Aging Division, New York State Psychological Association, 2015.

*Fellow*, Gerontological Society of America, Social Research, Policy, and Practice Section, November 20, 2015.

*Mental Health and Aging Award*, American Society on Aging, March 2015.

*President*, Elders Share the Arts. [http://estanyc.org/about\\_us/staff.php](http://estanyc.org/about_us/staff.php)

*President*, State Society on Aging of New York 2015.

<https://ssany.org/conference/SSA-2015-Preliminary-Program.pdf>

*President*, New York State Psychological Association, Adult Development and Aging Division. <http://www.nyspa.org/?page=AdultDevelopment>

## Mindy Haar, Ph.D., RD, CDN

Director of Program Development, Interdisciplinary Health Sciences

*Fellow*, The Academy of Nutrition and Dietetics. July 1, 2015.

## Susan Neville, Ph.D., RN, CDP

Professor and Chairperson, Nursing

*Fellow*, The American Association of Colleges of Nursing: Wharton Executive Leadership Program. University of Pennsylvania, The Wharton School, Aresty Institute of Executive Education. Aug. 13, 2015.

*Certified Dementia Specialist (CDP)*. Re-certification credential. National Council of Dementia Practitioners. International Council of Certified Dementia Practitioners. 09/15/2015–09/12/17.

*Certified Alzheimer's Disease and Dementia Care Trainer (CADDCT) # 52390*. The National Council of Certified Dementia Practitioners. The International Council of Certified Dementia Practitioners. 09/12/15 to 09/12/17.

# IV. Grant Recipients— Externally Sponsored

**Tobi A. Abramson, Ph.D.**

Assistant Professor, Interdisciplinary Health Sciences

Careers in Aging Week Career Fairs. Gerontological Society of America.

**Zehra Ahmed, PA-C, MBBS**

Assistant Professor, Associate Chair and Academic Coordinator,  
Physician Assistant Studies

Expansion of Physician Assistant Training Program (EPAT). Health Resources and Services Administration. HRSA-10-278; Affordable Care Act: Expansion of Physician Assistant Training Program. Award No. 4 T88HP20938-01-04.

**B. Suzy Diggle-Fox, Ph.D., GNP,  
ANP, B-C**

Assistant Professor, Nursing

Managing Infection Control in the Geriatric Population. Long Island Higher Education Service- Learning and Civic Engagement Council.

**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.

**John P. Handrakis, PT, D.P.T., Ed.D.**

Associate Professor, Physical Therapy

Effect of Heat Exposure on Cognition in Persons with Tetraplegia. VA Rehabilitation Research and Development Service, Small Projects in Rehabilitation Research (SPiRE); Award No. I21RX001734. Principal Investigator. June 1, 2015 – May 31, 2017.

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

State Aid for High Needs Nursing Program, 2014–2015. New York State Education Department.

State Aid for High Needs Nursing Program, 2015–2016. New York State Education Department.

**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.

**Lisa Sparacino, M.S., RN,**  
**CCRN, Ph.D.(c)**  
Assistant Professor, Nursing

Managing Infection Control in the Geriatric Population. Long Island Higher Education Service- Learning and Civic Engagement Council.



# V. Grant Recipients— Internally Sponsored

**Melanie Austin-McCain, OTD,  
MPA, OTR/L**

Assistant Professor, Occupational Therapy

LifeSteps: An Evidence-based Health Promotion Program for Underserved Populations- A Community Service-Learning Approach. Principal Investigator. ISRC Grant.

**Mindy Haar, Ph.D., RD, CDN,**  
Director of Program Development, Interdisciplinary  
Health Services

LifeSteps: An Evidence-based Health Promotion Program for Underserved Populations- A Community Service- Learning Approach. Co-Principal Investigator. ISRC Grant.

**Kristine Prazak, PA-C, M.S.**

Assistant Professor, Physician Assistant Program

Use of Virtual Patient Software to Enhance Physician Assistant Student Knowledge and Competence in Palliative Medicine and End-of-Life-Care. Principal Investigator. TLT Grant.

**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.

“An investment in  
knowledge pays  
the best interest.”

—Benjamin Franklin

School of  
Management

# I. Authors

## Deborah Cohn, Ph.D.

Associate Professor, Marketing Studies

Cohn D., Vaccaro V.L. The influence of global consumer values and perceived risk factors on green vehicle adoption. *Journal of International Business and Economics* 2015; 15(3): 35–52. DOI: 10.18374/JIBE-15-3.3.

## Rakesh Mittal, Ph.D.

Assistant Professor, Human Resource Management

Birasnav M.(sic), Mittal R., Loughlin S. Linking leadership behaviors and information exchange to improve supply chain performance: A conceptual model. *Global Journal of Flexible Systems Management* 2015; 16(2): 205–217. DOI: 10.1007/s40171-015-0092-2.

Mittal R. Charismatic and transformational leadership styles: A cross-cultural perspective. *International Journal of Business and Management* 2015; 10(3): 26–33. DOI:10.5539/ijbm.v10n3p26.

Swid A., El Melegy A., Mittal R. The deployment of human resources information systems in the Arabian Gulf Region. *European Journal of Management* 2015; 15(3): 53–68. DOI:10.18374/EJM-15-3.5.

## Purushottam L. Meena, Ph.D.

Assistant Professor, Quantitative Methods

Katiyar R., Barua M.K., Meena P.L. Modelling the measures of supply chain performance in the Indian automotive industry. *Benchmarking: An International Journal* 2015; 22(4): 665–696. DOI: 10.1108/BIJ-09-2014-0091.

Meena P.L., Sarmah S.P. Supplier selection and demand allocation under supply disruption risks. *International Journal of Advanced Manufacturing Technology* (published online Jul. 22, 2015); DOI:10.1007/s00170-015-7520-5.

Meena P.L., Kumar G., Sarmah S.P., Ganguly K.K. (Guest Editors) Supply chain sustainability and mitigating risks. *International Journal of Automation Logistics*, 2015; 1(4) <http://www.inderscience.com/info/inarticletoc.php?jcode=ijal&year=2015&vol=1&issue=4>

## Birasnav Muthuraj, Ph.D.

Assistant Professor, Management

Birasnav M. (sic), Mittal R., Loughlin S. Linking leadership behaviors and information exchange to improve supply chain performance: A conceptual model. *Global Journal of Flexible Systems Management* 2015; 16(2): 205–217; DOI: 10.1007/s40171-015-0092-2.

## Joanne L. Scillitoe, M.B.A., Ph.D.

Associate Professor of Entrepreneurship, Management;  
Academic Director, Center for Entrepreneurial Studies

Scillitoe J.L., Gopalakrishnan S., Santoro M.D. The impact of external contexts on alliance governance in biotech–pharmaceutical firm alliances. *Organization Management Journal* 2015; (12)3: 110–122; DOI: 10.1080/15416518.2015.1073134

## Shaya Sheikh, Ph.D.

Assistant Professor, Management Studies &  
Marketing Research

Borghei S.H., Teymourian E., Mobin M., Komaki G.M., Sheikh S. Enhanced imperialist competitive algorithm for the cell formation problem using sequence data. *International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering* 2015; 9(10): 3305–3314. <http://waset.org/publications/10002754/enhanced-imperialist-competitive-algorithm-for-the-cell-formation-problem-using-sequence-data>

Komaki G.M., Mobin M., Teymourian E., Sheikh S. A general variable neighborhood search algorithm to minimize makespan of the distributed permutation flowshop scheduling problem. *International Journal of Social, Behavioral, Educational, Economic, Business and Industrial Engineering* 2015; 9(8): 2582–2589. <http://www.waset.org/publications/10002423>

Sheikh S., Komaki M., Malakooti B. Integrated risk and multi-objective optimization of energy systems. *Computers & Industrial Engineering* 2015; 90: 1–11; DOI:10.1016/j.cie.2015.08.008.

## Amr Swid, Ph.D.

Assistant Professor, Management

Swid A. How creative can leaders afford to be without losing credibility? Symposium on Provoking Perspectives of Creativity and Innovation in Leadership. *Journal of Leadership Studies* 2015; 9(3): 64–65. DOI:10.1002/jls.21409.

Swid A., El Melegy A., Mittal R. The deployment of human resources information systems in the Arabian Gulf Region. *European Journal of Management* 2015; 15(3): 53–68. DOI:10.18374/EJM-15-3.5.

Swid A., El Melegy A. Organizational learning and employees' motivation: Empirical study on Middle East employees. *Journal of Academy for Advancement of Business Research* 2015; 1V(1): 30–39.

## II. Presenters at Meetings and Conferences

### Rakesh Mittal, Ph.D.

Assistant Professor, Human Resource Management

Kroumova M., Mittal R. Do international experience and training in Western management practices influence the perceptions of effective leadership held by non-Western managers? [Presentation.] 2nd Global Conference on International Human Resource Management, Penn State College, University Park, P.A. May 14 – 15, 2015. <http://lser.la.psu.edu/events/2nd-global-conference-of-international-human-resource-management>

Mittal R. Leadership in tight and loose cultures: A conceptual exploration. [Presentation.] Academy of International Business (AIB) Annual Conference Proceedings, Bengaluru, India, Jun. 27 – 30, 2015. *Proceedings of the Academy of International Business (AIB) Annual Conference 2015*; 154. <https://aib.msu.edu/events/2015/Program.asp>

### Purushottam L. Meena, Ph.D.

Assistant Professor, Quantitative Methods

Kumar G., Banerjee R. Meena P.L., Geraghty J. Joint planning and problem-solving roles in supply chain collaboration. [Presentation.] Production & Operations Management Society (POMS) 26th Annual Conference, Washington DC, USA, May 8 – 11, 2015.

Meena P.L., Sarmah S.P. Constructing optimal portfolio of suppliers under supply disruption risks. [Presentation.] Production & Operations Management Society (POMS) 26th Annual Conference, Washington DC, USA, May 8 – 11, 2015.

Meena P.L., Sarmah S.P. Suppliers portfolio under supply uncertainty. [Presentation.] 5th International Conference on Management Practices and Research (ICMPR), New Delhi, India, Jul. 24, 2015.

Meena P.L., Tibrewala R., Kumar G., Pothiraj S. Buyer performance evaluation from suppliers perspectives: An integrated fuzzy AHP and fuzzy DEMATEL approach. [Presentation.] Production & Operations Management Society (POMS) 26th Annual Conference, Washington D.C., May 8 – 11, 2015.

### Birasnav Muthuraj, Ph.D.

Assistant Professor, Management

Birasnav M. (sic) Relationship between manufacturing strategy and performance among Indian manufacturing firms: A conceptual model. [Presentation.] 2015 Annual Meeting of Decision Sciences Institute, Seattle, W.A., Nov. 21 – 24, 2015.

Birasnav M. (sic), Bansal P. Implementation of total quality management practices: The role of transformational leadership in Indian manufacturing industries. [Presentation.] 2015 Annual Conference of British Academy of Management, University of Portsmouth, Portsmouth, U.K., Sep. 8 – 10, 2015.

Birasnav M. (sic), Dimofte M., Spender J.-C. Influences of leadership behaviors and network centrality on student performance: A conceptual model. [Presentation.] 2015 Annual Conference of British Academy of Management, University of Portsmouth, Portsmouth, U.K., Sep. 8–10, 2015.

## Shaya Sheikh, Ph.D.

Assistant Professor, Management Studies & Marketing Research

Komki M., Sheikh S., Teymourian E., Malakooti B. Cuckoo search algorithm for hybrid flow shop scheduling problem with multi-layer assembly operations. [Paper.] International Conference on Operations Excellence and Service Engineering (IEOM Society), Orlando, Fl., Sep. 10–11, 2015. <http://ieom.org/ICMOE2015/papers/222.pdf> [Winner of Best Track Paper Award.]

Sheikh S., Komki M., Teymourian E., Malakooti B. Multi-objective non-permutation flowshop with dependent setup times and missing operations. [Paper.] International Conference on Operations Excellence and Service Engineering (IEOM Society), Orlando, Fl., Sep. 10–11, 2015. <http://ieom.org/ICMOE2015/papers/184.pdf>

## Amr Swid, Ph.D.

Assistant Professor, Management

Swid A., El Melegy A. Organizational learning and employees' motivation: Empirical study on Middle East employees. [Presentation.] InstSIS International Multidisciplinary Academic Conference, Miami Beach, F.L., Jan 4–6; 2015. <http://www.isisworld.org/journals/proceedings/>

## Rajendra Tibrewala, Ph.D.

Chair, Management and Marketing Studies; Professor, Management Science

Meena P.L., Tibrewala R., Kumar G., Pothiraj S. Buyer performance evaluation from suppliers perspectives: An integrated fuzzy AHP and fuzzy DEMATEL approach. [Presentation.] Production & Operations Management Society (POMS) 26th Annual Conference, Washington DC, USA, May 8–11, 2015. <http://www.pomsmeetings.org/ConfProceedings/060/General%20Info/program.pdf>

Tibrewala, R. School of Management 2015 Corporate Challenge: Herbal destination (Follow up) [Case study & Presentation.] New York Institute of Technology, New York, N.Y., Mar. 10, 2015, and [Second Presentation.] Herbal Destination, Bohemia, N.Y., Apr. 24, 2015.

# III. Honorees and Awardees

**Joanne L. Scillitoe, M.B.A., Ph.D.**

Associate Professor of Entrepreneurship, Management;  
Academic Director, Center for Entrepreneurial Studies

*Best Reviewer in Track Award.* For the Entrepreneurship/Innovation Track at the 2015 Southern Management Association Meeting. St. Pete Beach, F.L., Oct. 27 – 31, 2015. <http://web1.southernmanagement.org/meetings/2015/SMA2015Program.pdf>

**Purushottam L. Meena, Ph.D.**

Assistant Professor, Quantitative Methods

*Associate Editor:* International Journal of Research in IT & Management  
(ISSN: 2231-4334)

*Editorial Board Member:* International Journal of Supply Chain and Inventory Management. Inderscience Publications.

*Editorial Board Member:* International Journal of Complexity in Applied Science and Technology. Inderscience Publications.

*Editorial Board Member:* International Journal of Automation and Logistics. Inderscience Publications

*Editorial Board Member:* Asian Journal of Management Science and Applications. Inderscience Publications.

*Editorial Board Member:* EuroMed Journal of Management. Inderscience Publications.

*Editorial Board Member:* International Journal of Remanufacturing. Inderscience Publications.

*Editorial Board Member:* International Journal of Collaborative Intelligence. Inderscience Publications.



# IV. Grant Recipients— Externally Sponsored

Deborah Cohn, Ph.D.

Associate Professor, Marketing Studies

Joshua E. Bienstock, L.L.M.

Assistant Professor, Human Resource Management

The Influence of Digital Social Media Networking Services on Workplace  
Harmony and Conflict. Albert and Pearl Ginsberg Foundation 2015.

# V. Grant Recipients— Internally Sponsored

**Michelle Liu, Ph.D., CPA**

Assistant Professor, Accounting

Are Company Investigations of Financial Fraud Worth the Cost?  
Principal Investigator. ISRC Grant.

**Purushottam L. Meena, Ph.D.**

Assistant Professor, Quantitative Methods

Approximate Dynamic Programming Approach for Sourcing Strategies  
under Disruptions Risks. Principal Investigator. ISRC 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.**

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.

NYIT  
Administration

# I. Authors

## Edward Guiliano, Ph.D.

President and CEO; Professor, English

Friedman S., Guiliano E., Humphreys A., McKnight N., Timko M. (Editors.)  
*Dickens Studies Annual: Essays on Victorian Fiction*, Volume 46. New York, N.Y.:  
AMS Press, Inc., 2015.

## Monique M. Taylor, Ph.D.

Executive Director of NYIT China Program and Campus Dean;  
NYIT-Nanjing

Taylor, M. The Semiotics of Soul Food: Frommer's, fried chicken and the afro-  
fusion delights of Harlem. *Coldnoon: Travel Poetics, International Journal of  
Travel Writing* 2015, 4(1): 160 – 191. <http://coldnoon.com/issue-xi-jan-15-2/#>

## II. Presenters at Meetings and Conferences

### Edward Guiliano, Ph.D.

President and CEO; Professor, English

Guiliano E. Alice's 150 Years of Popularity and Special Place in New York. [Presentation] Alice 150: Lewis Carroll Society of North America Sesquicentennial Conference, New York, N.Y., Oct. 9, 2015.

Guiliano E. Sustainable Megacities. [Presentation.] Sustainable Megacities Conference: Food-Energy-Water- and the Built Environment, co-hosted by New York Institute of Technology (NYIT) and Peking University (PKU), Beijing, China, Oct. 20–21, 2015.

Guiliano E. MOOCs and Beyond: Evolution or Revolution. [Presentation] MOOCs and Beyond: Teaching and Learning with Technology 2015+ Conference, Nanjing, China, May 28, 2015.

Guiliano E. Opening Remarks. [Presentation.] Tipping Points: Energy, Water, Climate. 2015 Energy Conference, New York Institute of Technology (NYIT), Old Westbury, N.Y., Jun. 10, 2015.

### Rahmat A. Shoureshi, Ph.D.

Provost and Vice President for Academic Affairs

Shoureshi R.A., Role of Technology in Sustainable Megacities and Smart Civil Infrastructure Systems. [Plenary Speaker.] 2015 C3 Summit: Cyber Security, Smart Cities, and Bilateral Prosperity. Union League Club, New York, N.Y., Oct. 19, 2015.

# III. Grant Recipients— Externally Sponsored

**Felicia Bruno, M.A.**

Assistant Dean, Student Services & Alumni Affairs

NYITCOM Science and Technology Entry Program (STEP) 2015–2020.  
New York State Education Department. Contract No. C402611.

**Clare Cohn, M.L.S.**

Librarian; Director, Technical Services

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

Coordinated Collection Development Aid for 2015–2016. New York State  
Education Department/Long Island Library Resources Council; Project No.  
0315160110.

**Deepa Bhalla, Ed.M.**

Assistant Dean & Director, Enrollment Services Center

**Phillip Menzies, M.S.Ed.**

Director, HEOP, Enrollment Services

NYIT Arthur O. Eve Higher Education Opportunity Program (HEOP).  
New York State Education Department. Contract No. C402341.

# V. Grant Recipients— Internally Sponsored

**Adrienne McNally, M.S.**

Associate Director of Experiential Education, Career Services

LifeSteps: An Evidence-based Health Promotion Program for Underserved Populations—A Community Service—Learning Approach. Co-Principal Investigator. ISRC Grant.

**Monique M. Taylor, Ph.D.**

Executive Director of NYIT China Program and Campus Dean;  
NYIT-Nanjing

Social Media and the Reinvention of Soul in Harlem Foodways.  
Global Faculty Summer Research and Creativity (GFSRC) Summer 2015.

“Never doubt that a small group of thoughtful, committed people, can change the world, indeed it is the only thing that ever has.”

—Margaret Mead



Vocational  
Independence  
Program

# I. Authors

## Christine Alter, L.C.S.W.

Teacher and Counselor, Vocational Independence Program

Alter C. Positive behavioral interventions and supports: An effective approach for schools to prevent and manage challenging behaviors. *Autism Spectrum News* 2015; 7(4): 21.

## Jason Baron, M.S.Ed.

Coordinator, Vocational Independence Program

Baron J. Cooking up a winner. *Exceptional Parent Magazine* 2015; 45(3): 44 – 45.

## Mary Jane Burner, M.A.

Senior Teacher and Counselor, Vocational Independence Program

Burner M. Pondering I.Q. testing for kids with ASDs. *Exceptional Parent Magazine* 2015; 45(5): 48 – 49.

## Gina Frisina, M.S.Ed.

Director, Independent Living, Vocational Independence Program

Frisina G., Ranaldo M., Vlasak E. The power of the piggy bank. *Parenting Special Needs Jan/Feb2015*; 48–49.

Vlasak E., Frisina G. Good nutrition starts at home. *Exceptional Parent Magazine* 2015; 45(2): 24–27.

## Christy Hawkins, L.M.S.W.

Teacher and Counselor, Vocational Independence Program

Hawkins C. The importance of early sibling support group involvement. *Exceptional Parent Magazine* 2015; 45(4): 38–39.

## Michelle Ranaldo, M.S.

Director of Instructional Technology, Vocational Independence Program

Frisina G., Ranaldo M., Vlasak E. The power of the piggy bank. *Parenting Special Needs Jan/Feb2015*; 48–49.

Ranaldo M. Flip your child's summer vacation. *Exceptional Parent Magazine* 2015; 45(7): 28.

# Helene Schorr, M.S.

Teacher and Counselor, Vocational Independence Program

Schorr H., Vlasak E. How team sports benefit students with special needs. *Exceptional Parent Magazine* 2015; 45(6): 30–32.

# Ernst O. VanBergeijk, Ph.D., M.S.W.

Associate Dean and Executive Director, Vocational Independence Program

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## II. Presenters at Meetings and Conferences

### Michelle Ranaldo, M.S.

Director of Instructional Technology, Vocational Independence Program

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### Ernst O. VanBergeijk, Ph.D., M.S.W.

Associate Dean and Executive Director, Vocational Independence Program

VanBergeijk E. Future Quest 2015: Work opportunities for students on the autism spectrum [Presentation.] A College and Career Forum for Students with Disabilities, George Mason University, Fairfax, V.A., Nov. 14, 2015.

VanBergeijk E. Transitioning students with disabilities to college and post-secondary life. [Panel Discussion.] Legacy High School, Roosevelt Island, New York, N.Y., Nov. 18, 2015.

VanBergeijk E. Next steps into adulthood series. [Presentation.] Center for Autism Research and Service, College & employment center, Children's Hospital of Philadelphia, Philadelphia, P.A., Nov. 10, 2015.

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VanBergeijk E. Preparing students with disabilities for post-secondary life. Huntington High School Transition Fair, Huntington, N.Y., Oct. 19, 2015.

VanBergeijk E. Moving on: Preparing students with Autism, Asperger's, and learning differences for college: A day long workshop for high school students, parents, and teachers. [Presentation.] Transitional college programs: The emergence of comprehensive transition and post-secondary (CTP) programs, Yale University School of Medicine, Child Study Center, New Haven, C.T., Apr. 19, 2015.

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VanBergeijk E. Stand among friends, bringing it all together- The VIP Program at NYIT. [Presentation.] 1st Annual Independence through Employment Conference, Florida Atlantic University, Boca Raton, F.L., Feb. 13, 2015.

# III. Grant Recipients— Externally Sponsored

**Ernst O. VanBergeijk, Ph.D., M.S.W.**  
Associate Dean and Executive Director, Vocational  
Independence Program

**Paul Kevin Cavanagh, Ph.D., M.S.W.**  
Assistant Dean, Vocational Independence Program

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