



NYIT

*Annual Faculty Scholars Reception*

*NYIT de Seversky Mansion  
Wednesday, April 29, 2015*

**Annual Faculty Scholars Reception  
NYIT de Seversky Mansion**

**Wednesday, April 29, 2015**

*Co-Conveners:*

**Rahmat Shoureshi, Ph.D.**

*Provost and Vice President for Academic Affairs*

**Barbara Ross-Lee, D.O.**

*Vice President for Health Sciences and Medical Affairs*

**Jerry R. Balentine, D.O., FACEP**

*Vice President for Medical Affairs and Global Health*

**Allison Andors, Ph.D.**

*Assistant Provost for Research and Director of Sponsored Programs and Research*

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





## Foreword

*“The mind that opens to a new idea never returns to its original size,”* Albert Einstein aptly reflected.

We are here at NYIT in part because we celebrate the rich life of the mind in our scholarly and creative pursuits. And I’m proud to report that NYIT’s research capability and scholarship as well as our creative output grow stronger each year. As it should: a good university is an idea incubator, a zone of exploration where we promote new ideas, accept failure, reward creativity, breed innovation, and foster interdependent learning.

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

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

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

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

Wishing you continued success.

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



## **Foreword**

Research and scholarship advance knowledge through discovery. Enabling students to discover, be observant and objective, draw inferences, and look for the unknown are all part of their learning. At NYIT, student learning is the hallmark of our education and our highest priority. Many studies have shown that engaged inquiry has a profound impact on student learning. Scholarship and creative work provide an effective means of engagement among faculty and students, thereby, positively influencing the student learning.

Therefore, we strongly believe there is a synergy between teaching and scholarship. Since

scholarship and teaching are mutually sustainable endeavors, then by maintaining a healthy balance and integration of these two fundamentals of academia, NYIT students would be able to experience a positive reinforcement in learning, and in turn will become productive and contributing professionals for the global community.

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

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

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



## **Foreword**

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

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

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

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



## **Foreword**

Scholarly achievements move us forward in many ways. By exploring, explaining and improving the world around us, and challenging those who are starting their path of learning. Finally, by giving us a glimmer of how much knowledge there is left to gain.

Setting aside a moment in time to acknowledge the importance of the faculty scholars has been established as an important tradition that makes me proud to be part of NYIT. I want to thank all of you for your hard work and for the example you set for all the students at NYIT.

Congratulations to each of the contributors to this event.

**Jerry R. Balentine, D.O., FACEP**  
**Vice President for Medical Affairs and Global Health**  
**New York Institute of Technology**

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## I. AUTHORS

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**Susana H. Case, Ph.D.**

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Case S.H. *4 Rms w Vu*. Woodstock, N.Y.: Mayapple Press, 2014; <http://mayapplepress.com/4-rms-w-vu-susana-h-case/>.

**Elizabeth J. Donaldson, Ph.D.**

*Associate Professor, English*

Donaldson E.J. The corpus of the madwoman: toward a feminist disability studies theory of embodiment and mental illness. Reprinted with an introduction by Kari Nixon and Ross C. Murfin, in Newman B. (Editor), *Jane Eyre (Case Studies in Contemporary Criticism)*, Second Edition; pgs. 607-635. Boston, M.A.: Bedford/St. Martin's, 2014.

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

*Associate Professor, Life Sciences*

Carbone D., Gagna C.E., Lambert W.C. Z-RNA in human melanoma tissue sections. *Journal of Investigative Dermatology* 2014; 134(1): S33 (190); DOI: 10.1038/jid.2014.103.

Gagna C.E., Lambert P., Lambert W.C. Characterization of right-handed B-DNA in Stage 0 (in situ) human melanoma tissue. *Biophysical Journal* 2014; 106(2): 68a-69a; DOI: 10.1016/j.bpj.2013.11.456.

Gagna C.E., Lambert W.C., Skiadas A.E. Bioinformatics of Z-RNA in human melanoma. *Journal of Investigative Dermatology* 2014; 134(1): S76 (437); DOI: 10.1038/jid.2014.107.

Gagna C.E., Malik M., Sharma A., Dursunian D., Lambert P., Lambert W.C. Double-stranded B-DNA: presence in human melanoma tissue (Stage III). *Biophysical Journal* 2014; 106(2): 69a; DOI: 10.1016/j.bpj.2013.11.457.

Gagna C.E., Skiadas A.E., Lambert P.C., Dursunian D., Malik M., Sharma A., Lambert W.C. Different Z-DNAs in human melanoma: Stages 0 to IV. *Journal of Investigative Dermatology* 2014; 134(1): S76 (436); DOI: 10.1038/jid.2014.107.

Malik M.W., Gagna C.E., Sharma A., Dursunian D.L., Verma V., Miglorino J., Lambert P., Lambert W.C. Intact right-handed B-DNA: occurrence in human melanoma tissue (Stage I). *Biophysical Journal* 2014; 106(2): 69a; DOI: 10.1016/j.bpj.2013.11.458.

Sharma A., Gagna C.E., Malik M., Dursunian D., Lambert P., Lambert W.C. Unaltered B-DNA: distribution in human melanoma tissue (Stage II). *Biophysical Journal* 2014; 106(2): 69a; DOI: 10.1016/j.bpj.2013.11.459.

## AUTHORS (*continued*)

### **Claude E. Gagna, Ph.D. (*continued*)** **Associate Professor, Life Sciences**

Skiadas A.E., Carbone D., Gagna C.E., Isquith I., Agostino N., Bradshaw A., Lambert W.C., Khan A. Alternative nucleic acid structures in the macronucleus and micronucleus of the blepharisma. *Molecular Biology of the Cell* 2014; 25(25): 3987; P2374; DOI: 10.1091/mbc.E14-10-1437.

### **Jonathan E. Goldman, Ph.D.** **Associate Professor, English**

Goldman J. Afterlife. In Latham S. (Editor), *The Cambridge Companion to Ulysses*; pgs. 33-48. New York, N.Y.: Cambridge University Press, 2014.

Goldman J. Bloomsday explained. *The Paris Review* (published online Jun. 13, 2014); <http://www.theparisreview.org/blog/2014/06/13/bloomsday-explained/>.

Goldman J. Why James Joyce's syphilis burns people up. *The Chronicle of Higher Education* (published online Jun. 13, 2014); <http://chronicle.com/blogs/conversation/2014/06/13/why-joyces-syphilis-burns-people-up/>.

Goldman J. Wake uuuup!: *Do the Right Thing* after Ferguson. *Open Letters Monthly* (published online Oct. 1, 2014); <http://www.openlettersmonthly.com/wake-uuuup/>.

Goldman J. Fania at fifty. *The Paris Review* (published online Oct. 9, 2014); <http://www.theparisreview.org/blog/2014/10/09/cha-cha-with-a-backbeat/>.

### **Eugene Kelly, Ph.D.** **Professor, Social Sciences**

Kelly E. (Translator.) *Nicolai Hartmann: Aesthetics*. English translation of Hartmann N. *Asthetik* (1953), with an introduction by Eugene Kelly. Berlin, Germany: De Gruyter, 2014. ISBN 978-3-11-027571-1; [http://www.degruyter.com/staticfiles/pdfs/De\\_Gruyter\\_Preview\\_3\\_2014.pdf](http://www.degruyter.com/staticfiles/pdfs/De_Gruyter_Preview_3_2014.pdf).

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

LaGrandeur K. Ancient definitions of personhood and difficult social precedents: the homunculus, the golem, and Aristotle. *Journal of Evolution and Technology* 2014; 24(3): 20-26; <http://jetpress.org/v24.3/LaGrandeur.htm>.

LaGrandeur K. Emotion, artificial intelligence, and ethics. In Romportl J., Zackova E., Kelemen J. (Editors), *Beyond Artificial Intelligence: The Disappearing Human-Machine Divide*; pgs. 97-109. Berlin, Germany: Springer Press, 2014; DOI: 10.1007/978-3-319-09668-1\_7.

LaGrandeur K. [Review of: Voskuhl A., *Androids in the Enlightenment: Mechanics, Artisans, and Cultures of the Self*. Chicago, I.L.: University of Chicago Press, 2013.] *The American Historical Review* 2014; 119(4): 1344-1345; DOI: 10.1093/ahr/119.4.1344a.

LaGrandeur K. What is the difference between posthumanism and transhumanism? *Institute for Ethics and Emerging Technologies*, Ethical Technology section (published online Jul. 28, 2014); <http://ieet.org/index.php/IEET/more/lagrandeur20140729>.

**AUTHORS (continued)**

**Emily Restivo, Ph.D.**

*Assistant Professor, Behavioral Sciences*

Meldrum R.C., Restivo E. The behavioral and health consequences of sleep deprivation among U.S. high school students: relative deprivation matters. *Preventative Medicine* 2014; 63: 24-28; PMID: 24631498; DOI: 10.1016/j.ypmed.2014.03.006.

Restivo E., Lanier M.M. The impact of extra-legal factors on the labeling of juveniles as 'offenders'. *Acta Criminologica: Southern African Journal of Criminology* 2014; 27(1): 30-46.

**Lisa M. Runco, Ph.D.**

*Assistant Professor, Life Sciences*

Runco L.M., Stauff C.B., Coleman J.R. Tailoring the immune response via customization of pathogen gene expression. *Journal of Pathogens* (published online Feb. 25, 2014); Article ID 651568; DOI: 10.1155/2014/651568.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

---

### **Beth E. Adubato, Ph.D.**

*Assistant Professor, Behavioral Sciences*

Adubato B., Sachs N. Second city: a replication of a media and domestic violence study. [Presentation.] American Society of Criminology Conference, San Francisco, C.A., Nov. 18-24, 2014; [https://www.asc41.com/Annual\\_Meeting/programs/2014/2014Program.pdf](https://www.asc41.com/Annual_Meeting/programs/2014/2014Program.pdf).

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

*Associate Professor, English*

Donaldson E.J. Psy-Tech: the paranoid style of L. Ron Hubbard. [Presentation.] 28th Annual Meeting of the Society for Literature, Science, and the Arts, Dallas, T.X., Oct. 9-12, 2014; <http://litsciarts.org/slsa14/FluidFullProgramSep21.pdf>.

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

*Associate Professor, Life Sciences*

Gagna C.E. [Featured Interview in Article.] Member profiles, *The Biologist* 2014; 61(2): 44.

### **Eugene Kelly, Ph.D.**

*Professor, Social Sciences*

Kelly E. Values and valuing. [Invited Paper.] On Values: Social Scientific and Philosophical Perspectives, Helsinki Collegium for Advanced Studies Interdisciplinary Symposium, Helsinki, Finland, Mar. 17-19, 2014; <http://www.helsinki.fi/collegium/events/on-values/ValuesProgram.pdf>.

Kelly E. Rätsel und Wert der Kunst. [Invited Paper.] Nicolai Hartmann: Sein Denken und Sein Philosophischer Nachlass Conference, Deutsches Literaturarchiv Marbach, Marbach, Germany, Jun. 12-14, 2014; [http://www.dla-marbach.de/fileadmin/redaktion/presse/Tagungsprogramme\\_2014/Hartmann2014\\_Programm\\_A\\_KTUELL.pdf](http://www.dla-marbach.de/fileadmin/redaktion/presse/Tagungsprogramme_2014/Hartmann2014_Programm_A_KTUELL.pdf).

### **Kevin LaGrandeur, Ph.D.**

*Professor, English*

LaGrandeur K. The mutability of distributed natural systems in *The Tempest* and the mutability of servitude. [Presentation.] Life, In Theory: The European Society for Literature, Science and the Arts (SLSAeu) Conference 2014, Turin, Italy, Jun. 3-6, 2014; [http://www.slsa-eu.org/uploads/3/1/9/7/31971835/booklet\\_slsa\\_finale\\_copy.pdf](http://www.slsa-eu.org/uploads/3/1/9/7/31971835/booklet_slsa_finale_copy.pdf).

LaGrandeur K. Androids, animals, transhumanism, and changing notions of personhood. [Presentation.] 28th Annual Meeting of the Society for Literature, Science, and the Arts, Dallas, T.X., Oct. 9-12, 2014; <http://litsciarts.org/slsa14/FluidFullProgramSep21.pdf>.

### III. HONOREES AND AWARDEES

---

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

*Associate Professor, Life Sciences*

*NYIT Small Grant for Faculty Professional Development*, for attendance at the American Society for Cell Biology ASCB/IFCB Annual Scientific Meeting, Philadelphia, P.A., Dec. 6-10, 2014.

*Undergraduate Student Travel Award*. Awarded by the American Society for Cell Biology to Dr. Gagna's undergraduate research assistant, Alexia Skiadas, for attendance at the ASCB/IFCB Annual Scientific Meeting, Philadelphia, P.A., Dec. 6-10, 2014;

<http://www.ascb.org/2014meeting/program/files/assets/common/downloads/page0038.pdf>.

## IV. GRANT RECIPIENTS – EXTERNALLY SPONSORED

---

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

*Associate Professor, Social Sciences; Chairperson, Interdisciplinary Studies*

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

**Beverly J. Butcher, Ph.D.**

*Associate Professor, English; Nanjing Campus*

Folk Arts in New York State. U.S. Department of State, American Cultural Centers Supplemental Funding; Award No. S-CH500-14-GR230.

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

**Michael Hadjiargyrou, Ph.D.**

*Professor and Chairperson, Life Sciences*

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

**Kevin LaGrandeur, Ph.D.**

*Professor, English*

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

**Ana G. Petrovic, Ph.D.**

*Assistant Professor, Life Sciences*

International Network on Integrated Techniques in Structural Elucidation (InTechSE). European Commission, Research Executive Agency; Grant Agreement No. 318930.

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

*Associate Professor, Instructional Technology*

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

*Associate Professor, Teacher Education*

**Lisa M. Runco, Ph.D.**

*Assistant Professor, Life Sciences*

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

## V. GRANT RECIPIENTS – INTERNALLY SPONSORED

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**Beth E. Adubato, Ph.D.**

*Assistant Professor, Behavioral Sciences*

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

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

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

*Adjunct Professor, Fine Arts*

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

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

*Associate Professor, Social Sciences; Chairperson, Interdisciplinary Studies*

Standing Tall: Exhibition, Catalog and Public Programs for The Museum of the City of New York. Co-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.

**Jennifer L. 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.

Violence and Black Youth in Post-Civil Rights U.S. (Edited Volume). Principal Investigator. ISRC Grant.

**Michael Hadjiargyrou, Ph.D.**

*Professor and Chairperson, Life Sciences*

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

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



**GRANT RECIPIENTS – INTERNALLY SPONSORED (*continued*)**

**Michael Hadjiargyrou, Ph.D. (*continued*)**  
**Professor and Chairperson, Life Sciences**

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

**Youjeong Kim, Ph.D.**  
**Assistant Professor, Communication Arts**

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

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

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

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

**Gail E. Linsenbard, Ph.D.**  
**Assistant Professor, Social Sciences**

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

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

**GRANT RECIPIENTS – INTERNALLY SPONSORED (*continued*)**

**Terry Nauheim, 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*

The Chemistry of Behavior: Analysis of Primate Pheromones across the Ovulatory Cycle.  
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.

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

**Christopher Patterson, Ph.D.**

*Assistant Professor, English; Nanjing Campus*

Project: Research, Conferences and Excursions in Hong Kong, Indonesia and Taiwan. Principal  
Investigator. GFSRC Grant.

**Ana G. Petrovic, Ph.D.**

*Assistant Professor, Life Sciences*

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

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

The Chemistry of Behavior: Analysis of Primate Pheromones across the Ovulatory Cycle.  
Co-Principal Investigator. ISRC Grant.

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

**Lynn Rogoff, Ph.D.**

*Adjunct Professor, Communication Arts*

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

**GRANT RECIPIENTS – INTERNALLY SPONSORED (*continued*)**

**Lisa M. Runco, Ph.D.**

*Assistant Professor, Life Sciences*

Synthetic Biology Based 'Re-Coding' of a Bacterial Toxin - Working towards a Diarrhea Vaccine. Principal Investigator. ISRC Grant.

**Robert Michael Smith, M.F.A.**

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

**William Weydig, M.F.A.**

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Project: The Aral Sea Region of Karakalpakstan: An Exploration. Principal Investigator. GFSRC Grant.

# College of Osteopathic Medicine

## I. AUTHORS

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Abu-Sbaih R., Forbes E. Cystic fibrosis. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Abu-Sbaih R., Young J. Paranoid personality disorder-trait specified (PD-TS). In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Apozanski T.E., Abu-Sbaih R., Yao S.C. The role of osteopathic manipulative medicine in the treatment of dacryostenosis. *American Academy of Osteopathy Journal* 2014; 24(2): 25.

Licciardone J.C., Kearns C.M., King H.H., Seffinger M.A., Crow W.T., Zajac P., Devine W.H., Abu-Sbaih R.Y., Miller S.J., Berkowitz M.R., Dyer R., Heath D.M., Treffer K.D., Nevins N.A., Aryal S. Somatic dysfunction and use of osteopathic manual treatment techniques during ambulatory medical care visits: a CONCORD-PBRN study. *Journal of the American Osteopathic Association* 2014; 114(5): 344-354; PMID: 24777999; DOI: 10.7556/jaoa.2014.072.

### **William Blazey, D.O.**

#### ***Assistant Professor, Family Medicine; Assistant Dean, Preclinical Medicine***

Chan V., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Lipka S., Cohn J., Jung M.K., Krishnamachari B. Impact of academic affiliation and training on knowledge of hereditary colorectal cancer. *Public Health Genomics* 2014; 17(2): 76-83; PMID: 24458016; DOI: 10.1159/000356938.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician risk assessment knowledge regarding BRCA genetics testing. *Journal of Cancer Education* (published online Sep. 20, 2014); PMID: 25234477; DOI: 10.1007/s13187-014-0724-9.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician knowledge of ethnicity specific differences in BRCA genetic testing. *The Breast Journal* 2014; 20(6): 669-670; PMID: 25252187; DOI: 10.1111/tbj.12345.

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

#### ***Assistant Professor, Biomedical Sciences***

Dedkov E.I., Oak K., Christensen L.P., Tomanek R.J. Coronary vessels and cardiac myocytes of middle-aged rats demonstrate regional sex-specific adaptation in response to postmyocardial infarction remodeling. *Biology of Sex Differences* 2014; 5(1): 1; PMID: 24383822; DOI: 10.1186/2042-6410-5-1.

**AUTHORS (continued)**

**Eduard I. Dedkov, M.D., Ph.D. (continued)**

**Assistant Professor, Biomedical Sciences**

Zhang Y., Dedkov E.I., Lee B., Li Y., Pun K., Gerdes A.M. Thyroid hormone replacement therapy attenuates atrial remodeling and reduces atrial fibrillation inducibility in a rat myocardial infarction-heart failure model. *Journal of Cardiac Failure* 2014; 20(12): 1012-1019; PMID: 25305503; DOI: 10.1016/j.cardfail.2014.10.003.

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

**Assistant Professor, Osteopathic Manipulative Medicine**

DiFrancisco-Donoghue J., Rabin E., Lamberg E.M., Werner W.G. Effects of tyrosine on Parkinson's disease: a randomized, double-blind, placebo-controlled trial. *Movement Disorders Clinical Practice* 2014; 1(4): 348-353; DOI: 10.1002/mdc3.12082.

Rabin E., Demin A., Pirrotta S., Chen J., Patel H., Bhambri A., Noyola E., Lackner J.R., DiZio P., DiFrancisco-Donoghue J., Werner W.G. Parkinsonian gait ameliorated with a moving handrail, not with a banister. *Archives of Physical Medicine and Rehabilitation* (published online Oct. 5, 2014); PMID: 25286436; DOI: 10.1016/j.apmr.2014.07.427.

Southard V., DiFrancisco-Donoghue J. The 6MWT: validity of a pedometer and instruction on 15m and 30m courses in adults with Parkinson's disease. *Journal of Geriatrics and Palliative Care* 2014; 2(2): 4; DOI: 10.13188/2373-1133.1000009.

**Donna Dixon, Ph.D.**

**Associate Professor, Medical Education**

Dixon D. Relation between variables of preadmission, medical school performance, and COMLEX-USA levels 1 and 2 performance. *Journal of the American Osteopathic Association* 2014; 104(8): 332-336; PMID: 15345704; <http://www.jaoa.osteopathic.org/content/104/8/332.full>.

Dixon D. Gender comparison of COMLEX-USA scores, medical school performance, and preadmission variables between women and men. *Journal of the American Osteopathic Association* 2015; 115(4).

**Anthony Errichetti, Ph.D.**

**Professor, Medical Education; Chief, Virtual Medicine**

Errichetti A. Hybrid simulation. In Wilson L., Wittmann-Price R.A. (Editors), *Review Manual for the Certified Healthcare Simulation Educator (CHSE) Exam*; pgs. 155-167. New York, N.Y.: Springer Publishing Company, LLC, 2014.

Errichetti A. Standardized patient debriefing and feedback. In Wilson L., Wittmann-Price R.A. (Editors), *Review Manual for the Certified Healthcare Simulation Educator (CHSE) Exam*; pgs. 209-221. New York, N.Y.: Springer Publishing Company, LLC, 2014.

## AUTHORS (*continued*)

### **Bennett Futterman, M.D.**

#### *Assistant Professor, Anatomy*

Futterman B., Goldstein L.B., Kibrik P. Pain management after ACL surgery. *Practical Pain Management* 2014; 14(4): 1-11; <http://www.practicalpainmanagement.com/treatments/pain-management-after-acl-surgery>.

Gugliotti M., Futterman B., Ahrens T., Block D., Brown L., Dagro M., Falesto J., Lyon A. Impact of shoulder internal rotation on ulnar nerve excursion and strain in embalmed cadavers. A pilot study. *Journal of Manual & Manipulative Therapy* (published online Nov. 17, 2014); DOI: 10.1179/2042618614Y.0000000093.

Hager S., Backus T.C., Futterman B., Solounias N., Mihlbachler M.C. Posterior subscapular dissection: an improved approach to the brachial plexus for human anatomy students. *Annals of Anatomy* 2014; 196(2-3): 88-91; DOI: 10.1016/j.aanat.2014.02.006.

Schnitzer E., Goldstein L.B., Futterman B. Common causes of acute abdominal pain. *Practical Pain Management* 2014; 14(3): 1-17; <http://www.practicalpainmanagement.com/pain/acute/common-causes-acute-abdominal-pain>.

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

#### *Dean, College of Osteopathic Medicine*

Gilliar W., Kauffman J.M., Lausen H., Mason D., Pence L., Polk J.D., Shannon S.C., Soper E., Wilson M.A. Next steps for graduate medical education: osteopathic graduate medical education (OGME) and the single graduate medical education (GME) accreditation system. *American Association of Colleges of Osteopathic Medicine* 2014; <http://www.aacom.org/docs/default-source/single-gme-accreditation/gme-transitions-p3r.pdf>.

Yao S.C., Hassani J., Gagne M., George G., Gilliar W. Osteopathic manipulative treatment as a useful adjunctive tool for pneumonia. *Journal of Visualized Experiments* 2014; (87): e50687; DOI: 10.3791/50687; <http://www.jove.com/video/50687/osteopathic-manipulative-treatment-as-useful-adjunctive-tool-for>.

### **Jonathan H. Geisler, Ph.D.**

#### *Associate Professor, Anatomy*

Geisler J.H., Colbert M.W., Carew J.L. A new fossil species supports an early origin for toothed whale echolocation. *Nature* 2014; 508: 383-386; DOI: 10.1038/nature13086.

### **Brian Harper, M.D.**

#### *Medical Director, Academic Health Care Center*

Chan V., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Lipka S., Cohn J., Jung M.K., Krishnamachari B. Impact of academic affiliation and training on knowledge of hereditary colorectal cancer. *Public Health Genomics* 2014; 17(2): 76-83; PMID: 24458016; DOI: 10.1159/000356938.

## **AUTHORS (continued)**

### **Brian Harper, M.D. (continued)**

#### **Medical Director, Academic Health Care Center**

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician risk assessment knowledge regarding BRCA genetics testing. *Journal of Cancer Education* (published online Sep. 20, 2014); PMID: 25234477; DOI: 10.1007/s13187-014-0724-9.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician knowledge of ethnicity specific differences in BRCA genetic testing. *The Breast Journal* 2014; 20(6): 669-670; PMID: 25252187; DOI: 10.1111/tbj.12345.

### **Min-Kyung Jung, Ph.D.**

#### **Biostatistician, Research**

Chan V., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Lipka S., Cohn J., Jung M.K., Krishnamachari B. Impact of academic affiliation and training on knowledge of hereditary colorectal cancer. *Public Health Genomics* 2014; 17(2): 76-83; PMID: 24458016; DOI: 10.1159/000356938.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician risk assessment knowledge regarding BRCA genetics testing. *Journal of Cancer Education* (published online Sep. 20, 2014); PMID: 25234477; DOI: 10.1007/s13187-014-0724-9.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician knowledge of ethnicity specific differences in BRCA genetic testing. *The Breast Journal* 2014; 20(6): 669-670; PMID: 25252187; DOI: 10.1111/tbj.12345.

Vazzana K.M., Yao S.C., Jung M.K., Terzella M.J. Perception-based effects of clinical exposure to osteopathic manipulative treatment on first- and second-year osteopathic medical students. *Journal of the American Osteopathic Association* 2014; 114(7): 572-580; PMID: 25002450; DOI: 10.7556/jaoa.2014.111.

### **John Kappenberg, Ed.D.**

#### **Associate Professor and Chairperson, Medical Education**

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

### **Sharon Koehler, D.O.**

#### **Assistant Professor, Medicine**

Chan V., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Lipka S., Cohn J., Jung M.K., Krishnamachari B. Impact of academic affiliation and training on knowledge of hereditary colorectal cancer. *Public Health Genomics* 2014; 17(2): 76-83; PMID: 24458016; DOI: 10.1159/000356938.

## AUTHORS (continued)

### **Sharon Koehler, D.O. (continued)**

#### **Assistant Professor, Medicine**

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician risk assessment knowledge regarding BRCA genetics testing. *Journal of Cancer Education* (published online Sep. 20, 2014); PMID: 25234477; DOI: 10.1007/s13187-014-0724-9.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician knowledge of ethnicity specific differences in BRCA genetic testing. *The Breast Journal* 2014; 20(6): 669-670; PMID: 25252187; DOI: 10.1111/tbj.12345.

### **Patricia Kooyman, D.O.**

#### **Assistant Professor, Osteopathic Manipulative Medicine**

Domalski R.S., Nimkoff L., Yao S.C., Kooyman P.S. Application of OMT in a pediatric postoperative ileus case. *American Academy of Osteopathy Journal* 2014; 24(2): 24.

### **Bhuma Krishnamachari, Ph.D.**

#### **Assistant Professor, Medicine; Assistant Dean, Research**

Chan V., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Lipka S., Cohn J., Jung M.K., Krishnamachari B. Impact of academic affiliation and training on knowledge of hereditary colorectal cancer. *Public Health Genomics* 2014; 17(2): 76-83; PMID: 24458016; DOI: 10.1159/000356938.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician risk assessment knowledge regarding BRCA genetics testing. *Journal of Cancer Education* (published online Sep. 20, 2014); PMID: 25234477; DOI: 10.1007/s13187-014-0724-9.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician knowledge of ethnicity specific differences in BRCA genetic testing. *The Breast Journal* 2014; 20(6): 669-670; PMID: 25252187; DOI: 10.1111/tbj.12345.

Davis-Yadley A.H., Lipka S., Shen H., Shah H., Swarup S., Barnowsky A., Silpe J., Mosdale J., Pan Q., Fridlyand S., Sreeharshan S., Abraham A., Viswanathan P., Krishnamachari B. Ethnic disparities in the risk of colorectal adenomas associated with aspirin and statin use: a retrospective multiethnic study. *Journal of Gastrointestinal Oncology* 2014; 5(2): 112-118; PMID: 24772339; DOI: 10.3978/j.issn.2078-6891.2014.010.

Jia X., Duroseau N., Chan V., Ciraco C., Wang R., Nia S.M., Ho K., Govindavari J.P., Delgoshia F., Chan T., Pergament K.M., Krishnamachari B., Farajidavar A. Objective quantification of upper extremity motor functions in unified Parkinson's disease rating scale test. *Proceedings of the 36th Annual International Conference of the Engineering in Medicine and Biology Society (EMBC)* 2014; pgs. 5345-5348; DOI: 10.1109/EMBC.2014.6944833.

Krishnamachari B., Il'yasova D., Scheurer M.E., Bondy M.L., Wrensch M., Davis F.G. A pooled multisite analysis of the effects of female reproductive hormones on glioma risk. *Cancer Causes Control* 2014; 25(8): 1007-1013; PMID: 24890803; DOI: 10.1007/s10552-014-0400-8.



## **AUTHORS (continued)**

### ***Bhuma Krishnamachari, Ph.D. (continued)***

#### ***Assistant Professor, Medicine; Assistant Dean, Research***

Patel S., Lipka S., Shen H., Barnowsky A., Silpe J., Mosdale J., Pan Q., Fridlyand S., Bhavsar A., Abraham A., Viswanathan P., Mustacchia P., Krishnamachari B. The association of H. pylori and colorectal adenoma: does it exist in the US Hispanic population? *Journal of Gastrointestinal Oncology* 2014; 5(6): 463-468; PMID: 25436126; DOI: 10.3978/j.issn.2078-6891.2014.074.

### **Brookshield Laurent, D.O.**

#### ***Assistant Professor, Family Medicine***

Chan V., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Lipka S., Cohn J., Jung M.K., Krishnamachari B. Impact of academic affiliation and training on knowledge of hereditary colorectal cancer. *Public Health Genomics* 2014; 17(2): 76-83; PMID: 24458016; DOI: 10.1159/000356938.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician risk assessment knowledge regarding BRCA genetics testing. *Journal of Cancer Education* (published online Sep. 20, 2014); PMID: 25234477; DOI: 10.1007/s13187-014-0724-9.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician knowledge of ethnicity specific differences in BRCA genetic testing. *The Breast Journal* 2014; 20(6): 669-670; PMID: 25252187; DOI: 10.1111/tbj.12345.

### **Joerg R. Leheste, Ph.D.**

#### ***Assistant Professor, Biomedical Sciences***

Torres G., Cinelli M.P., Hynes A.T., Kaplan I.S., Leheste J.R. Electroencephalogram mapping of brain states. *Journal of Neuroscience and Neuroengineering* 2014; 3(2): 1-5; DOI: 10.1166/jnsne.2014.1098.

### **To Shan Li, D.O.**

#### ***Assistant Professor, Osteopathic Manipulative Medicine***

Van Dine S.E., Yao S.C., Li T.S. Association between lumbar counterstrain tender points, symptoms, and lumbar vertebral somatic dysfunctions in osteopathic medical students. *American Academy of Osteopathy Journal* 2014; 24(3): 12.

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

#### ***Assistant Professor, Osteopathic Manipulative Medicine***

Catanzaro M.P., Vazzana K.M., Chen A., Mancini J.D., Yao S.C. Is there a place for osteopathy in Parkinson disease management? A retrospective case control study. *American Academy of Osteopathy Journal* 2014; 24(2): 26.

**AUTHORS (continued)**

**Luis R. Martinez, Ph.D.**

**Associate Professor, Biomedical Sciences**

Gandhi J.A., Ekhar V.V., Asplund M.B., Abdulkareem A.F., Ahmadi M., Coelho C., Martinez L.R. Alcohol enhances *Acinetobacter baumannii*-associated pneumonia and systemic dissemination by impairing neutrophil antimicrobial activity in a murine model of infection. *PLoS One* 2014; 9(4): e95707; PMID: 24752133; DOI: 10.1371/journal.pone.0095707.

Parisi D.N., Martinez L.R. Intracellular *Haemophilus influenzae* invades the brain: is zyxin a critical blood brain barrier component regulated by TNF-alpha? *Virulence* 2014; 5(6): 645-647; PMID: 25127527; DOI: 10.4161/viru.36086.

**Charles Pavia, Ph.D.**

**Associate Professor, Medical Education**

Pavia C.S., Wormser G.P. Culture of the entire mouse to determine whether cultivable *Borrelia burgdorferi* persists in infected mice treated with a five-day course of Ceftriaxone. *Antimicrobial Agents and Chemotherapy* 2014; 58(11): 6701-6703; PMID: 25155590; DOI: 10.1128/AAC.03751-14.

**Maria Plummer, M.D.**

**Assistant Professor, Medical Education**

Beria J.S., Plummer M. Monocytosis. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Beria J.S., Plummer M. Multiple myeloma. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition; pgs. 790-791. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Plummer M., Adu E. Thyroid nodule. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition; pg. A153. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Yzeiraj E., Plummer M. Carotid stenosis. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition; pgs. 200-201. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

**Raddy L. Ramos, Ph.D.**

**Assistant Professor, Biomedical Sciences**

Ramos R.L., Siu N.Y., Brunken W.J., Yee K.T., Gabel L.A., Van Dine S.E., Hoplight B.J. Cellular and axonal constituents of neocortical molecular layer heterotopia. *Developmental Neuroscience* 2014; 36(6): 477-489; PMID: 25247689; DOI: 10.1159/000365100.

**David H. Tegay, D.O., FACMH, FACOI**

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Chan V., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Lipka S., Cohn J., Jung M.K., Krishnamachari B. Impact of academic affiliation and training on knowledge of hereditary colorectal cancer. *Public Health Genomics* 2014; 17(2): 76-83; PMID: 24458016; DOI: 10.1159/000356938.

## **AUTHORS (continued)**

### **David H. Tegay, D.O., FACMH, FACOI (continued)** **Associate Professor and Chairperson, Medicine**

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician risk assessment knowledge regarding BRCA genetics testing. *Journal of Cancer Education* (published online Sep. 20, 2014); PMID: 25234477; DOI: 10.1007/s13187-014-0724-9.

Cohn J., Blazey W., Tegay D., Harper B., Koehler S., Laurent B., Chan V., Jung M.K., Krishnamachari B. Physician knowledge of ethnicity specific differences in BRCA genetic testing. *The Breast Journal* 2014; 20(6): 669-670; PMID: 25252187; DOI: 10.1111/tbj.12345.

Kuechler A., Willemsen M.H., Albrecht B., Bacino C.A., Bartholomew D.W., van Bokhoven H., van den Boogaard M.J., Bramswig N., Büttner C., Cremer K., Czeschik J.C., Engels H., van Gassen K., Graf E., van Haelst M., He W., Hogue J.S., Kempers M., Koolen D., Monroe G., de Munnik S., Pastore M., Reis A., Reuter M.S., Tegay D.H., Veltman J., Visser G., van Hasselt P., Smeets E.E., Vissers L., Wieland T., Wissink W., Yntema H., Zink A.M., Strom T.M., Lüdecke H.J., Kleefstra T., Wicczorek D. De novo mutations in *beta-catenin* (*CTNGB1*) appear to be a frequent cause of intellectual disability: expanding the mutational and clinical spectrum. *Human Genetics* (published online Oct. 19, 2014); DOI: 10.1007/s00439-014-1498-1.

Tegay D.H. Genetics of glycogen storage disease type III. *Medscape Reference* (published online Oct. 24, 2014); <http://emedicine.medscape.com/article/942618-overview>.

### **Michael J. Terzella, D.O.** **Assistant Professor, Osteopathic Manipulative Medicine**

Schear M., Terzella M.J. Scleritis. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Terzella M.J., Durrani M. Id reaction. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Terzella M.J., Hart A.D. Cerebral palsy. In Domino F.J. (Editor), *The 5-Minute Clinical Consult 2015*, 23rd Edition. Philadelphia, P.A.: Wolters Kluwer Health, 2014.

Vazzana K.M., Yao S.C., Jung M.K., Terzella M.J. Perception-based effects of clinical exposure to osteopathic manipulative treatment on first- and second-year osteopathic medical students. *Journal of the American Osteopathic Association* 2014; 114(7): 572-580; PMID: 25002450; DOI: 10.7556/jaoa.2014.111.

Vazzana K.M., Yao S.C., Terzella M.J. A retrospective review of osteopathic care in pediatric patients. *American Academy of Osteopathy Journal* 2014; 24(3): 15.

### **German Torres, Ph.D.** **Associate Professor, Biomedical Sciences**

Torres G., Cinelli M.P., Hynes A.T., Kaplan I.S., Leheste J.R. Electroencephalogram mapping of brain states. *Journal of Neuroscience and Neuroengineering* 2014; 3(2): 1-5; DOI: 10.1166/jnsne.2014.1098.

**AUTHORS (continued)**

**Sheldon C. Yao, D.O.**

***Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine***

Apoznanski T.E., Abu-Sbaih R., Yao S.C. The role of osteopathic manipulative medicine in the treatment of dacryostenosis. *American Academy of Osteopathy Journal* 2014; 24(2): 25.

Catanzaro M.P., Vazzana K.M., Chen A., Mancini J.D., Yao S.C. Is there a place for osteopathy in Parkinson disease management? A retrospective case control study. *American Academy of Osteopathy Journal* 2014; 24(2): 26.

Domalski R.S., Nimkoff L., Yao S.C., Kooyman P.S. Application of OMT in a pediatric postoperative ileus case. *American Academy of Osteopathy Journal* 2014; 24(2): 24.

Van Dine S.E., Yao S.C., Li T.S. Association between lumbar counterstrain tender points, symptoms, and lumbar vertebral somatic dysfunctions in osteopathic medical students. *American Academy of Osteopathy Journal* 2014; 24(3): 12.

Vazzana K.M., Yao S.C., Jung M.K., Terzella M.J. Perception-based effects of clinical exposure to osteopathic manipulative treatment on first- and second-year osteopathic medical students. *Journal of the American Osteopathic Association* 2014; 114(7): 572-580; PMID: 25002450; DOI: 10.7556/jaoa.2014.111.

Vazzana K.M., Yao S.C., Terzella M.J. A retrospective review of osteopathic care in pediatric patients. *American Academy of Osteopathy Journal* 2014; 24(3): 15.

Yao S.C., Hassani J., Gagne M., George G., Gilliar W. Osteopathic manipulative treatment as a useful adjunctive tool for pneumonia. *Journal of Visualized Experiments* 2014; (87): e50687; DOI: 10.3791/50687; <http://www.jove.com/video/50687/osteopathic-manipulative-treatment-as-useful-adjunctive-tool-for>.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

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

#### *Assistant Professor, Osteopathic Manipulative Medicine*

Apoznanski T.E., Abu-Sbaih R., Yao S.C. The role of osteopathic manipulative medicine in the treatment of dacryostenosis. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded third place, *Student Case Study Poster* category.]

Shaheen S., Lal K., Azam Bukhari S.M., Abu-Sbaih R. Case report: Klippel-Trenaunay syndrome - more than just a physical dilemma. [Poster.] OMED 2014: 119th Annual Osteopathic Medical Conference and Exposition, Seattle, W.A., Oct. 25-27, 2014.

### **William Blazey, D.O.**

#### *Assistant Professor, Family Medicine; Assistant Dean, Preclinical Medicine*

Kappenberg J., Blazey W., Small L. Accelerating medical careers: can a three-year medical degree enhance, rather than dilute, professional skills? [Presentation.] 2014 American Association of Colleges of Osteopathic Medicine (AACOM) Annual Conference, Washington, D.C., Apr. 2-5, 2014; [http://www.aacom.org/docs/default-source/2014-annual-conference/accelerating-medical-careers\\_1-small.pdf?sfvrsn=0](http://www.aacom.org/docs/default-source/2014-annual-conference/accelerating-medical-careers_1-small.pdf?sfvrsn=0).

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

#### *Assistant Professor, Biomedical Sciences*

Dedkov E.I., Santos A.T., Bogatyryov Y., Chen Y.-F., Pingitore A. Postmyocardial infarction remodeling in male and female middle-aged rats causes a comparable decline in left ventricular systolic properties. [Poster.] Experimental Biology 2014 Annual Meeting, San Diego, C.A., Apr. 26-30, 2014; *FASEB Journal* 2014; 28(1\_Supplement): 680.1; [http://www.fasebj.org/content/28/1\\_Supplement/680.1.abstract](http://www.fasebj.org/content/28/1_Supplement/680.1.abstract).

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

#### *Assistant Professor, Osteopathic Manipulative Medicine*

Apoznanski T.E., Hanna M., Chow P., DiFrancisco-Donoghue J., Mancini J.D., Yao S.C. Comparison of multiple balance measures as predictors of falls in Parkinson's disease: a pilot study. [Poster.] American Osteopathic Association (AOA) Research Conference, Seattle, W.A., Oct. 25-27, 2014. [Awarded first place, *Student Research Poster* category.]

DiFrancisco-Donoghue J., Rabin E., Werner W.G. The effects of tyrosine on orthostatic hypotension and autonomic responses in Parkinson disease: randomized, double-blind, placebo-controlled trial. [Poster.] 18th International Congress of Parkinson's Disease and Movement Disorders, Stockholm, Sweden. Jun. 8-12, 2014; <http://www.mdscongress2014.org/MDS-Files/pdfs/Late-BreakingStudyGroupAbstractsPublication.pdf>.

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### **John Kappenberg, Ed.D.**

#### *Associate Professor and Chairperson, Medical Education*

Kappenberg J., Blazey W., Small L. Accelerating medical careers: can a three-year medical degree enhance, rather than dilute, professional skills? [Presentation.] 2014 American Association of Colleges of Osteopathic Medicine (AACOM) Annual Conference, Washington, D.C., Apr. 2-5, 2014; [http://www.aacom.org/docs/default-source/2014-annual-conference/accelerating-medical-careers\\_1-small.pdf?sfvrsn=0](http://www.aacom.org/docs/default-source/2014-annual-conference/accelerating-medical-careers_1-small.pdf?sfvrsn=0).

### **Patricia Kooyman, D.O.**

#### *Assistant Professor, Osteopathic Manipulative Medicine*

Domalski R.S., Nimkoff L., Yao S.C., Kooyman P. Application of OMT in a pediatric postoperative ileus case. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded second place, *Student Case Study Poster* category.]

### **To Shan Li, D.O.**

#### *Assistant Professor, Osteopathic Manipulative Medicine*

Van Dine S., Yao S.C., Li T.S. Association between lumbar counterstrain tender points and lumbar segmental dysfunctions in a cohort of osteopathic medical students. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded second place, *Student Clinical Research Poster* category.]

Van Dine S., Yao S.C., Li T.S. Association between lumbar counterstrain tender points and lumbar segmental dysfunctions in a cohort of osteopathic medical students. [Poster.] NYIT Symposium of University Research and Creative Expression (SOURCE), New York, N.Y., Apr. 25, 2014.

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

#### *Assistant Professor, Osteopathic Manipulative Medicine*

Apozanski T.E., Hanna M., Chow P., DiFrancisco-Donoghue J., Mancini J.D., Yao S.C. Comparison of multiple balance measures as predictors of falls in Parkinson's disease: a pilot study. [Poster.] American Osteopathic Association (AOA) Research Conference, Seattle, W.A., Oct. 25-27, 2014. [Awarded first place, *Student Research Poster* category.]

Catanzaro M.P., Vazzana K.M., Chen A., Mancini J.D., Yao S.C. Is there a place for osteopathy in Parkinson's disease management? A retrospective case control study. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded first place, *Student Clinical Research Poster* category.]

Chen A., Catanzaro M.P., Vazzana K.M., Yao S.C., Mancini J.D. A retrospective chart review of osteopathic assessment and treatment of patients with Parkinson's disease. [Poster.] New York State Osteopathic Medical Society's (NYSOMS) Regional Osteopathic Convention, Hauppauge, N.Y., Feb. 20-23, 2014.

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### **Charles Pavia, Ph.D.**

#### ***Associate Professor, Medical Education***

Pavia C. Topical and non-topical treatment of Lyme disease shortly after a tick bite. [Presentation.] Targeting Tick-Borne Diseases Conference, Boston, M.A., Oct. 29-30, 2014; [http://www.healthtech.com/Conferences\\_Overview.aspx?id=139719&libID=139690](http://www.healthtech.com/Conferences_Overview.aspx?id=139719&libID=139690).

Pavia C., Plummer M., O'Connor A. Effectiveness of topical versus parenteral antibiotic treatment to cure early stage Lyme disease. [Poster.] Targeting Tick-Borne Diseases Conference, Boston, M.A., Oct. 29-30, 2014; <http://www.healthtech.com/Targeting-Tick-Borne-Diseases/>.

### **Michael J. Terzella, D.O.**

#### ***Assistant Professor, Osteopathic Manipulative Medicine***

Vazzana K.M., Yao S.C., Terzella M.J. A retrospective review of osteopathic care in pediatric patients. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded third place, *Student Clinical Research Poster* category.]

### **Sheldon C. Yao, D.O.**

#### ***Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine***

Apozanski T.E., Abu-Sbaih R., Yao S.C. The role of osteopathic manipulative medicine in the treatment of dacryostenosis. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded third place, *Student Case Study Poster* category.]

Apozanski T.E., Hanna M., Chow P., DiFrancisco-Donoghue J., Mancini J.D., Yao S.C. Comparison of multiple balance measures as predictors of falls in Parkinson's disease: a pilot study. [Poster.] American Osteopathic Association (AOA) Research Conference, Seattle, W.A., Oct. 25-27, 2014. [Awarded first place, *Student Research Poster* category.]

Catanzaro M.P., Vazzana K.M., Chen A., Mancini J.D., Yao S.C. Is there a place for osteopathy in Parkinson's disease management? A retrospective case control study. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded first place, *Student Clinical Research Poster* category.]

Chen A., Catanzaro M.P., Vazzana K.M., Yao S.C., Mancini J.D. A retrospective chart review of osteopathic assessment and treatment of patients with Parkinson's disease. [Poster.] New York State Osteopathic Medical Society's (NYSOMS) Regional Osteopathic Convention, Hauppauge, N.Y., Feb. 20-23, 2014.

Domalski R.S., Nimkoff L., Yao S.C., Kooyman P. Application of OMT in a pediatric postoperative ileus case. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded second place, *Student Case Study Poster* category.]

Iacono L., Vazzana K.M., Watari J., Yao S.C. The effects of thoracic cage treatment with osteopathic manipulative medicine on speech in Parkinson's disease. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014.

**PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)**

***Sheldon C. Yao, D.O. (continued)***

***Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine***

Van Dine S., Yao S.C., Li T.S. Association between lumbar counterstrain tender points and lumbar segmental dysfunctions in a cohort of osteopathic medical students. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded second place, *Student Clinical Research Poster* category.]

Van Dine S., Yao S.C., Li T.S. Association between lumbar counterstrain tender points and lumbar segmental dysfunctions in a cohort of osteopathic medical students. [Poster.] NYIT Symposium of University Research and Creative Expression (SOURCE), New York, N.Y., Apr. 25, 2014.

Vazzana K.M., Watari J., Yao S.C. Pulmonary profile in Parkinson's disease. [Poster.] New York State Osteopathic Medical Society's (NYSOMS) Regional Osteopathic Convention, Hauppauge, N.Y., Feb. 20-23, 2014. [Awarded third place, *Student Research Poster* category.]

Vazzana K.M., Yao S.C., Terzella M.J. A retrospective review of osteopathic care in pediatric patients. [Poster.] 2014 American Academy of Osteopathy (AAO) Convocation, Colorado Springs, C.O., Mar. 19-23, 2014. [Awarded third place, *Student Clinical Research Poster* category.]



### III. HONOREES AND AWARDEES

---

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

*Assistant Professor, Osteopathic Manipulative Medicine*

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

**George Cheriyan, D.O.**

*Instructor, Osteopathic Manipulative Medicine*

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

**Sarah Curtis, D.O.**

*Instructor, Osteopathic Manipulative Medicine*

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

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

*Assistant Professor, Osteopathic Manipulative Medicine*

*Standard of Excellence Award.* Awarded by the NYIT College of Osteopathic Medicine, Sep. 2014.

**Theodore B. Flaum, D.O.**

*Assistant Professor, Osteopathic Manipulative Medicine*

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

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

*Dean, College of Osteopathic Medicine*

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

**Patricia Kooyman, D.O.**

*Assistant Professor, Osteopathic Manipulative Medicine*

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

**To Shan Li, D.O.**

*Assistant Professor, Osteopathic Manipulative Medicine*

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

## HONOREES AND AWARDEES (*continued*)

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

#### ***Assistant Professor, Osteopathic Manipulative Medicine***

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

### **Maria Plummer, M.D.**

#### ***Assistant Professor, Medical Education***

Accepted as a scholar in the *Harvard Macy Institute Program for Educators in Health Professions*. The Harvard Macy Institute program was created in 1994 as an inter-professional, international incubator for innovators in healthcare education;

<http://www.harvardmacy.org/programs/Programs-Educators.aspx>.

### **Gregory Saggio, D.O.**

#### ***Assistant Professor, Medical Education***

*Certificate of Recognition.* For participation in the case and exam development of COMLEX-USA / COMAT, awarded by the National Board of Osteopathic Medical Examiners, 2014.

### **Michael J. Terzella, D.O.**

#### ***Assistant Professor, Osteopathic Manipulative Medicine***

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

### **Sheldon C. Yao, D.O.**

#### ***Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine***

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

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

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

Featured in *Who's Who in Health Care*. Long Island Business News, Apr. 2014.

*Guardian of the Profession.* Awarded by the American Osteopathic Association, Feb. 2014;  
[http://cf.osteopathic.org/DORecognition/hr\\_guardians1.cfm](http://cf.osteopathic.org/DORecognition/hr_guardians1.cfm).

## IV. GRANT RECIPIENTS – EXTERNALLY SPONSORED

---

**Kurt Amsler, Ph.D.**

*Professor, Biomedical Sciences; Associate Dean, Research*

Src Family Kinases and Control of Epithelial Cell Paracellular Permeability. National Institutes of Health; Grant No. 1R15DK091749-01A1.

**Nancy Bono, D.O.**

*Associate Professor and Chairperson, Family Medicine*

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

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

**Jack L. Conrad, Ph.D.**

*Assistant Professor, Anatomy*

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

**Bennett Futterman, M.D.**

*Assistant Professor, Anatomy*

**Leonard B. Goldstein, D.D.S., Ph.D.**

*Director, Clerkship Education*

Introduction to Clinical Medicine 2013. Ethicon, Inc./Johnson & Johnson; Grant Identification No. 155391.

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

**Jonathan H. Geisler, Ph.D.**

*Associate Professor, Anatomy*

**Brian L. Beatty, Ph.D.**

*Associate Professor, Anatomy*

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

**GRANT RECIPIENTS – EXTERNALLY SPONSORED (*continued*)**

**A. Martin Gerdes, Ph.D.**

***Professor and Chairperson, Biomedical Sciences***

Low Thyroid Function and Myocardial Infarction. National Institutes of Health, National Heart, Lung, and Blood Institute; Grant No. R01 HL103671.

**Clair Jacobi, B.S.**

***Director, Financial Aid***

Creating a Diverse Medical Workforce. Health Resources and Services Administration, Scholarships for Disadvantaged Students; Award No. 5 T08HP25287-03-00.

**Isaac Kurtzer, Ph.D.**

***Assistant Professor, Biomedical Sciences***

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

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

***Associate Professor, Biomedical Sciences***

Necessity of AMPK Activation for Caloric Restriction-Induced Cardioprotection. National Institutes of Health, Academic Research Enhancement Award; Award No. 1 R15 HL120027-01A1.

**Aleksandr Vasilyev, M.D., Ph.D.**

***Assistant Professor, Biomedical Sciences***

Zebrafish Model of Acute Kidney Injury. National Institutes of Health, Small Research Grant Program; Grant No. 5 R03 DK097443-03.

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

**Sheldon C. Yao, D.O.**

***Associate Professor and Acting Chairperson, Osteopathic Manipulative Medicine***

The Effect of Table Trainer Ratios on Student Learning of Cervical Muscle Energy Techniques. American Association of Colleges of Osteopathic Medicine; subaward under award to A.T. Still University.

## V. GRANT RECIPIENTS – INTERNALLY SPONSORED

---

**Brian L. Beatty, Ph.D.**

*Associate Professor, Anatomy*

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

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

*Assistant Professor, Biomedical Sciences*

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

**Bennett Futterman, M.D.**

*Assistant Professor, Anatomy*

Can An Alternative Passive Position of the Upper Extremity be Performed to Elicit a Similar Response of Ulnar Nerve Tension Bias When Compared to a Traditional Orthopedic Manual Therapy Maneuver? Co-Principal Investigator. ISRC Grant.

**Robert V. Hill, Ph.D.**

*Associate Professor and Chairperson, Anatomy*

Can An Alternative Passive Position of the Upper Extremity be Performed to Elicit a Similar Response of Ulnar Nerve Tension Bias When Compared to a Traditional Orthopedic Manual Therapy Maneuver? Co-Principal Investigator. ISRC Grant.

**To Shan Li, D.O.**

*Assistant Professor, Osteopathic Manipulative Medicine*

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

**Matthew C. Mihlbachler, Ph.D.**

*Associate Professor, Anatomy; Director, Academic Medicine Scholars Program*

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

**Ely Rabin, Ph.D.**

*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.

**Raddy L. Ramos, Ph.D.**

*Assistant Professor, Biomedical Sciences*

Gestational Hypothyroidism-Induced Neocortical Malformations: Effects on Neuronal and Network Excitability. Principal Investigator. NYIT COM In-House Grant.

**GRANT RECIPIENTS – INTERNALLY SPONSORED (*continued*)**

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

*Associate Professor, Biomedical Sciences*

Mitochondrial Degradation in Doxorubicin-Induced Cardiomyocyte Injury. Principal Investigator. NYIT COM In-House Grant.

**Dong Zhang, Ph.D.**

*Assistant Professor, Biomedical Sciences*

Elucidation of the Molecular Mechanism Behind the Physical and Genetic Interaction Between BRCA1 and FANCM. Principal Investigator. NYIT COM In-House Grant.



# School of Architecture and Design

## I. AUTHORS

---

**Jeffrey Raven, M.Arch., FAIA, LEED AP**

*Associate Professor; Graduate Director of the Master of Architecture in Urban and Regional Design*

Raven J. Shaping resilient cities in China, India and the United States. In Gaborit P. (Editor), *European and Asian Sustainable Towns*. Brussels, Belgium: P.I.E. Peter Lang, 2014;  
[http://www.east-project.org/images/stories/574187\\_Pascaline\\_2.pdf](http://www.east-project.org/images/stories/574187_Pascaline_2.pdf).



## II. PRESENTERS AT MEETINGS AND CONFERENCES

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**Farzana Gandhi, M.Arch., RA, LEED AP**

*Assistant Professor, Architecture*

Gandhi F., Van Nest J. New Design-Build Directions: Training The Architect as a Product Designer. [Presentation.] Working Out: Thinking While Building, Association of Collegiate Schools of Architecture (ACSA) Fall Conference, Halifax, Nova Scotia, Canada, Oct. 16-18, 2014; <http://edbkn.eu/wp-content/uploads/2014/01/PROGRAM-Working-out-I-thinking-while-building.pdf>.

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

*Assistant Professor, Architecture*

Gandhi F., Van Nest J. New Design-Build Directions: Training The Architect as a Product Designer. [Presentation.] Working Out: Thinking While Building, Association of Collegiate Schools of Architecture (ACSA) Fall Conference, Halifax, Nova Scotia, Canada, Oct. 16-18, 2014; <http://edbkn.eu/wp-content/uploads/2014/01/PROGRAM-Working-out-I-thinking-while-building.pdf>.

### III. DESIGNERS AND EXHIBITORS

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

Altwicker M.R., Gandhi F. *Flexible City* project. Exhibited in Five Proposals for the Future of the Atlantic Yards, Warehouse 623 Gallery, Brooklyn, N.Y., Jun. 5-22, 2014;  
<http://www.atlanticyardsalternatives.com/altwickergandhi.html>;  
<http://warehouse623.com/ATLANTIC-YARDS>.

**Farzana Gandhi, M.Arch., RA, LEED AP**  
*Assistant Professor, Architecture*

Altwicker M.R., Gandhi F. *Flexible City* project. Exhibited in Five Proposals for the Future of the Atlantic Yards, Warehouse 623 Gallery, Brooklyn, N.Y., Jun. 5-22, 2014;  
<http://www.atlanticyardsalternatives.com/altwickergandhi.html>;  
<http://warehouse623.com/ATLANTIC-YARDS>.

## IV. HONOREES AND AWARDEES

---

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

*Associate Professor, Architecture*

*ARCHI Award Commendation*, presented to Campani and Schwarting Architects, for the project Port Jefferson Waterfront Revitalization Plan, Port Jefferson, N.Y. Presented in recognition of outstanding achievement in the Unbuilt Category by the American Institute of Architects (AIA) Long Island Chapter, Oct. 2014; <http://www.aialongisland.com/Archi%20Jrnl%202014.pdf>.

**Frank Mruk, B.Arch., M.B.A., AIA, RIBA**

*Associate Dean, Business and Strategic Planning*

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

**Jeffrey Raven, M.Arch., FAIA, LEED AP**

*Associate Professor; Graduate Director of the Master of Architecture in Urban and Regional Design*

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

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

*Professor, Architecture*

*ARCHI Award Commendation*, presented to Campani and Schwarting Architects, for the project Port Jefferson Waterfront Revitalization Plan, Port Jefferson, N.Y. Presented in recognition of outstanding achievement in the Unbuilt Category by the American Institute of Architects (AIA) Long Island Chapter, Oct. 2014; <http://www.aialongisland.com/Archi%20Jrnl%202014.pdf>.

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

## V. PATENTS

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**Farzana Gandhi, M.Arch., RA, LEED AP**

*Assistant Professor, Architecture*

Van Nest J., Gandhi F., Bertomen M. Interface Bracket for Attachment of Recyclable Vessels and Roofing Material Made Using Same. Patent Application No. 14/001746. Published under Publication No. US-2014/0007538-A1, Jan. 9, 2014.

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

*Assistant Professor, Architecture*

Van Nest J., Gandhi F., Bertomen M. Interface Bracket for Attachment of Recyclable Vessels and Roofing Material Made Using Same. Patent Application No. 14/001746. Published under Publication No. US-2014/0007538-A1, Jan. 9, 2014.

## **VI. GRANT RECIPIENTS – EXTERNALLY SPONSORED**

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**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.

## VII. 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, M.Arch., RA, LEED AP**

*Assistant Professor, Architecture*

SodaBIBs: Design-Build Prototypical Recycling Stations for NYIT. 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.

**Tobias Holler, B.Arch., M.F.A., AIA, LEED AP**

*Associate Professor, Architecture*

BuckyFarm at Welwyn. Principal Investigator. ISRC Grant.

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

*Assistant Professor, Architecture*

SodaBIBs: Design-Build Prototypical Recycling Stations for NYIT. 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

---

### **Daniel Cinotti, Ph.D.**

*Assistant Professor, School Counseling*

Cinotti D. Competing professional identity models in school counseling: a historical perspective and commentary. *The Professional Counselor* 2014; 4(5): 417-425; DOI: 10.15241/dc.4.5.417; <http://tpcjournal.nbcc.org/wp-content/uploads/2014/12/Pages%20417-425.pdf>.

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

*Professor and Chairperson, School Counseling*

Dahir C., Shea M., Perepiczka M. School counseling and STEM: raising student awareness and expectations. In Green S.L. (Editor), *STEM Education: How to Train 21st Century Teachers*. Hauppauge, N.Y.: Nova Science Publishers, 2014.

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

*Associate Professor, Teacher Education*

Wang S.-K., Hsu H.-Y., Campbell T., Coster D., Longhurst M. An investigation of middle school science teachers and students use of technology inside and outside of classrooms: considering whether digital natives are more technology savvy than their teachers. *Educational Technology Research and Development* 2014; 62(6): 637-662; DOI: 10.1007/s11423-014-9355-4. [Article featured in a press release by the journal's publisher, Springer; <http://www.springer.com/us/about-springer/media/springer-select/digital-native-fallacy-teachers-still-know-better/36752>.]

Wang S.-K., Hsu H.-Y., Posada J. Evolutionary technology: using Google Earth, cyber databases, and geotagged photos to enhance students' scientific practices and understanding of Darwin's theory of evolution. *Science Scope* 2014; 37(6): 37-42.

Wang S.-K., Hsu H.-Y., Reeves T.C., Coster D.C. Professional development to enhance teachers' practices in using information and communication technologies (ICTs) as cognitive tools: lessons learned from a design-based research study. *Computers and Education* 2014; 79: 101-115; DOI: 10.1016/j.compedu.2014.07.006.

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

*Associate Professor, Instructional Technology*

Wang S.-K., Hsu H.-Y., Campbell T., Coster D., Longhurst M. An investigation of middle school science teachers and students use of technology inside and outside of classrooms: considering whether digital natives are more technology savvy than their teachers. *Educational Technology Research and Development* 2014; 62(6): 637-662; DOI: 10.1007/s11423-014-9355-4. [Article featured in a press release by the journal's publisher, Springer; <http://www.springer.com/us/about-springer/media/springer-select/digital-native-fallacy-teachers-still-know-better/36752>.]



**AUTHORS (continued)**

**Shiang-Kwei Wang, Ph.D. (continued)**

**Associate Professor, Instructional Technology**

Wang S.-K., Hsu H.-Y., Posada J. Evolutionary technology: using Google Earth, cyber databases, and geotagged photos to enhance students' scientific practices and understanding of Darwin's theory of evolution. *Science Scope* 2014; 37(6): 37-42.

Wang S.-K., Hsu H.-Y., Reeves T.C., Coster D.C. Professional development to enhance teachers' practices in using information and communication technologies (ICTs) as cognitive tools: lessons learned from a design-based research study. *Computers and Education* 2014; 79: 101-115; DOI: 10.1016/j.compedu.2014.07.006.

**Sarah McPherson, Ed.D.**

**Associate Professor and Chairperson, Instructional Technology**

McPherson S., Anid N.M. Preparing STEM teachers for K-12 classrooms: graduate certificate evaluation and innovation. *Proceedings of IEEE Integrated STEM Education Conference (ISEC)*; Princeton, N.J., Mar. 8, 2014; DOI: 10.1109/ISECon.2014.6891035.

**Megyn L. Shea, Ph.D.**

**Assistant Professor, School Counseling**

Dahir C., Shea M., Perepiczka M. School counseling and STEM: raising student awareness and expectations. In Green S.L. (Editor), *STEM Education: How to Train 21st Century Teachers*. Hauppauge, N.Y.: Nova Science Publishers, 2014.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

---

### **Daniel Cinotti, Ph.D.**

#### *Assistant Professor, School Counseling*

Cinotti D., Shea M. Facilitating experiential learning within a group counseling course. [Presentation.] North Atlantic Regional Association for Counselor Education and Supervision (NARACES) Conference, Providence, R.I., Sep. 25-28, 2014.

Shea M., Cinotti D. Overcoming barriers to National Model implementation. [Presentation.] Guidance Expo 2014, White Plains, N.Y., Oct. 22, 2014; <http://guidanceexpo.net/summaryschedule.html>.

Springer S., Cinotti D. Multiple roles and responsibilities of the school counselor as anti-bullying specialist. [Presentation.] 6th Annual Caldwell University Counseling Conference, Caldwell, N.J., Apr. 12, 2014.

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

#### *Professor and Chairperson, School Counseling*

Dahir C. Evidence, evaluation, and the elements of good practice. [Presentation.] 2nd Annual Evidence-Based School Counseling National Conference, Northern Kentucky University, Covington, K.Y., Jan. 13-14, 2014; [http://coehs.nku.edu/centers/nkcee/center\\_at\\_work/profdevinitiatives/EBSCConference/2014-ebsc-presentation.html](http://coehs.nku.edu/centers/nkcee/center_at_work/profdevinitiatives/EBSCConference/2014-ebsc-presentation.html).

Dahir C. Building a climate of collaboration. [Presentation.] 10th Annual United Federation of Teachers (UFT) Guidance Counselor Conference, New York, N.Y., Mar. 15, 2014; [http://www.uft.org/files/attachments/uft\\_climate\\_and\\_collaboration.pdf](http://www.uft.org/files/attachments/uft_climate_and_collaboration.pdf).

Dahir C. Connecting the dots: comprehensive school counseling and evidence for evaluation. [Lecture.] New York City Department of Education, Division of Non-Public Schools, New York, N.Y., Jun. 2014.

Dahir C. Planning our future: college and career ready in middle school. [Presentation.] Annual Meeting of the National Career Development Association, Long Beach, C.A., Jun. 19-21, 2014.

Dahir C. Advancing awareness with avatars: using virtual characters to combat bullying in schools. [Presentation.] American School Counselor Association (ASCA) Annual Conference, Orlando, F.L., Jun. 29-Jul. 2, 2014.

Dahir C. Challenges and opportunities: working in Title 1 schools. [Workshop.] New York City Department of Education, Division of Non-Public Schools, New York, N.Y., Oct. 2014.

Dahir C. Evidence, evaluation, and school counselor accountability. [Presentation.] Guidance Expo 2014, White Plains, N.Y., Oct. 22, 2014; <http://guidanceexpo.net/summaryschedule.html>.

Dahir C. Going beyond borders: transformed school counselors using standards-based programs. [Keynote Address.] 14th Annual Convention of the School Counselors Circle of the Philippines, Manila, Philippines, Dec. 1-6, 2014; <http://teng.chlopez.net/data/scc2014.pdf>.

Dahir C. Becoming a culturally competent school counselor. [Lecture and Workshop.] 14th Annual Convention of the School Counselors Circle of the Philippines, Manila, Philippines, Dec. 1-6, 2014; <http://teng.chlopez.net/data/scc2014.pdf>.

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### *Carol A. Dahir, Ed.D. (continued)*

#### *Professor and Chairperson, School Counseling*

Dahir C. Going beyond borders: transformed school counseling. [Presentation.] 20th Association of Psychological and Educational Counselors of Asia Pacific (APECA) Biennial Conference-Workshop, Singapore, Dec. 4-6, 2014.

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

Dahir C., Donnellan B. Transitioning school counselors to the world of effectiveness, evidence, and evaluation. [Presentation.] North Atlantic Regional Association for Counselor Education and Supervision (NARACES) Conference, Providence, R.I., Sep. 25-28, 2014.

Dahir C., Herrera L., Donnellan B. Evidence, evaluation, and all the elements of good practice. [Presentation.] New York State School Counselor Association (NYSSCA) Annual Conference, Albany, N.Y., Oct. 31-Nov. 1, 2014; <http://nyssca.org/wp-content/uploads/2014/11/EvidenceEvalandGoodPractice2014NYSSCA.pdf>.

Dahir C., Kim Y. Advancing awareness with avatars: using virtual characters to combat bullying in schools. [Presentation.] Annual Meeting of the American Educational Research Association (AERA), Philadelphia, P.A., Apr. 3-7, 2014; [http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected\\_paper\\_id=690956&PHPSESSID=l0at0j61eivrtm75j5uv6irl52](http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected_paper_id=690956&PHPSESSID=l0at0j61eivrtm75j5uv6irl52).

Dahir C., Stone C. School counselors and the legal and ethical complications of working with minors in schools. [Workshop.] New York City Department of Education, Division of Non-Public Schools, New York, N.Y., Dec. 2014.

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

#### *Associate Professor, Teacher Education*

Campbell T., Longhurst M., Wang S.-K., Hsu H.-Y., Coster D. New technologies and reform-based science instruction: an examination of professional development focused on supporting science teaching and learning with technologies. [Presentation.] 21st International Conference of the Association for Science Teacher Education (ASTE), San Antonio, T.X., Jan. 15-18, 2014; <http://theaste.org/wp-content/uploads/2013/01/edited-final-draft-ASTE-2014-program.pdf>.

Hsu H.-Y., Wang S.-K. The impact of professional development on middle school science teachers' new literacy practices in the classroom. [Presentation.] Annual Meeting of the American Educational Research Association (AERA), Philadelphia, P.A., Apr. 3-7, 2014; [http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected\\_paper\\_id=680269&PHPSESSID=l0at0j61eivrtm75j5uv6irl52](http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected_paper_id=680269&PHPSESSID=l0at0j61eivrtm75j5uv6irl52).

Hsu H.-Y., Wang S.-K. The impact of professional development on middle school science teachers' new literacy practices in classrooms. [Presentation.] International Reading Association 59th Annual Conference, New Orleans, L.A., May 10-12, 2014; <http://www.pageturnpro.com/Progress-Printing/57743-2014-Directory/index.html#70>.

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### **Hui-Yin Hsu, Ph.D. (*continued*)**

#### ***Associate Professor, Teacher Education***

Hsu H.-Y., Wang S.-K. Audioblogs and mobile devices to assist English language learning. [Presentation.] ISTE 2014: International Society for Technology in Education (ISTE) Conference, Atlanta, G.A., Jun. 28-Jul. 1, 2014;  
[https://www.isteconference.org/2014/pdfs/ISTE\\_2014\\_FPEG\\_PDF.pdf](https://www.isteconference.org/2014/pdfs/ISTE_2014_FPEG_PDF.pdf).

Hsu H.-Y., Wang S.-K., Cadornigara M., Ng J., Whelan L. Using ICTs to facilitate students' literacy development in science. [Presentation.] Annual Conference of the National Science Teachers Association (NSTA), Boston, M.A., Apr. 4-7, 2014.

Wang S.-K., Hsu H.-Y. The impact of professional development on science teachers' technology integration: using information and communication technologies (ICTs) as cognitive tools. [Presentation.] Annual Meeting of the American Educational Research Association (AERA), Philadelphia, P.A., Apr. 3-7, 2014;  
[http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected\\_paper\\_id=679938&PHPSESSID=l0at0j61eivrtm75j5uv6irl52](http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected_paper_id=679938&PHPSESSID=l0at0j61eivrtm75j5uv6irl52).

Wang S.-K., Hsu H.-Y., Campbell T., Coster D., Longhurst M.L. Investigation of middle school science teachers' and students' use of technology inside and outside of classrooms. [Presentation.] Annual Meeting of the American Educational Research Association (AERA), Philadelphia, P.A., Apr. 3-7, 2014;  
[http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected\\_paper\\_id=680183&PHPSESSID=l0at0j61eivrtm75j5uv6irl52](http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected_paper_id=680183&PHPSESSID=l0at0j61eivrtm75j5uv6irl52).

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

#### ***Associate Professor, Instructional Technology***

Campbell T., Longhurst M., Wang S.-K., Hsu H.-Y., Coster D. New technologies and reform-based science instruction: an examination of professional development focused on supporting science teaching and learning with technologies. [Presentation.] 21st International Conference of the Association for Science Teacher Education (ASTE), San Antonio, T.X., Jan. 15-18, 2014;  
<http://theaste.org/wp-content/uploads/2013/01/edited-final-draft-ASTE-2014-program.pdf>.

Hsu H.-Y., Wang S.-K. The impact of professional development on middle school science teachers' new literacy practices in the classroom. [Presentation.] Annual Meeting of the American Educational Research Association (AERA), Philadelphia, P.A., Apr. 3-7, 2014;  
[http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected\\_paper\\_id=680269&PHPSESSID=l0at0j61eivrtm75j5uv6irl52](http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected_paper_id=680269&PHPSESSID=l0at0j61eivrtm75j5uv6irl52).

Hsu H.-Y., Wang S.-K. The impact of professional development on middle school science teachers' new literacy practices in classrooms. [Presentation.] International Reading Association 59th Annual Conference, New Orleans, L.A., May 10-12, 2014;  
<http://www.pageturnpro.com/Progress-Printing/57743-2014-Directory/index.html#70>.

Hsu H.-Y., Wang S.-K. Audioblogs and mobile devices to assist English language learning. [Presentation.] ISTE 2014: International Society for Technology in Education (ISTE) Conference, Atlanta, G.A., Jun. 28-Jul. 1, 2014;  
[https://www.isteconference.org/2014/pdfs/ISTE\\_2014\\_FPEG\\_PDF.pdf](https://www.isteconference.org/2014/pdfs/ISTE_2014_FPEG_PDF.pdf).

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

***Shiang-Kwei Wang, Ph.D. (continued)***

***Associate Professor, Instructional Technology***

Hsu H.-Y., Wang S.-K., Cadornigara M., Ng J., Whelan L. Using ICTs to facilitate students' literacy development in science. [Presentation.] Annual Conference of the National Science Teachers Association (NSTA), Boston, M.A., Apr. 4-7, 2014.

Wang S.-K., Hsu H.-Y. The impact of professional development on science teachers' technology integration: using information and communication technologies (ICTs) as cognitive tools. [Presentation.] Annual Meeting of the American Educational Research Association (AERA), Philadelphia, P.A., Apr. 3-7, 2014;

[http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected\\_paper\\_id=679938&PHPSESSID=l0at0j61eivrtm75j5uv6irl52](http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected_paper_id=679938&PHPSESSID=l0at0j61eivrtm75j5uv6irl52).

Wang S.-K., Hsu H.-Y., Campbell T., Coster D., Longhurst M.L. Investigation of middle school science teachers' and students' use of technology inside and outside of classrooms.

[Presentation.] Annual Meeting of the American Educational Research Association (AERA), Philadelphia, P.A., Apr. 3-7, 2014;

[http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected\\_paper\\_id=680183&PHPSESSID=l0at0j61eivrtm75j5uv6irl52](http://convention2.allacademic.com/one/aera/aera14/index.php?cmd=Online+Program+View+Paper&selected_paper_id=680183&PHPSESSID=l0at0j61eivrtm75j5uv6irl52).

### III. GRANT RECIPIENTS – EXTERNALLY SPONSORED

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

*Professor and Chairperson, School Counseling*

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

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

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

Nada M. Anid, Ph.D.

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

**Sarah McPherson, Ed.D.**

*Associate Professor and Chairperson, Instructional Technology*

Marta A. Panero, Ph.D.

*Director of Strategic Partnerships, School of Engineering and Computing Sciences*

Sarah J. Meyland, M.S., J.D.

*Associate Professor, Environmental Technology*

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

Tao Zhang, Ph.D.

*Associate Professor, Electrical and Computer Engineering*

Michael Colef, Ph.D.

*Associate Professor, Electrical and Computer Engineering*

**Sarah McPherson, Ed.D.**

*Associate Professor and Chairperson, Instructional Technology*

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

**Stan Silverman, M.S.**

*Professor, Instructional Technology; Director, Technology Based Learning Systems*

**Darren J. Faccilonga, M.S.**

*Associate Director and Distributed Learning Content Specialist, Technology Based Learning Systems*

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

STEPing Into STEM. New York State Education Department; Contract No. C401601.

**GRANT RECIPIENTS – EXTERNALLY SPONSORED (continued)**

***Stan Silverman, M.S. (continued)***

***Professor, Instructional Technology; Director, Technology Based Learning Systems***

***Darren J. Faccilonga, M.S.***

***Associate Director and Distributed Learning Content Specialist, Technology Based Learning Systems***

Northeast Regional Comprehensive Center (NRCC). RMC Research Corporation/U.S.  
Department of Education.

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

***Associate Professor, Instructional Technology***

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

***Associate Professor, Teacher Education***

***Lisa M. Runco, Ph.D.***

***Assistant Professor, Life Sciences***

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

## IV. GRANT RECIPIENTS – INTERNALLY SPONSORED

---

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

*Professor and Chairperson, School Counseling*

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

**Jim Martinez, Ph.D.**

*Assistant Professor, Instructional Technology*

Service Learning and Creating Zones of Proximal Development for STEAM (Science, Technology, Engineering, Arts, Math) Learning. Principal Investigator. ISRC Grant.

**Sarah McPherson, Ed.D.**

*Associate Professor and Chairperson, Instructional Technology*

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

**Robert S. Rotunda, Ed.D.**

*Adjunct Professor, School Counseling*

Evaluating the Impact of an Online Supervision Training Module. Co-Principal Investigator. TLT Grant.

**Megyn L. Shea, Ph.D.**

*Assistant Professor, School Counseling*

Development of an Interactive Online Video Supervision Training Program. Principal Investigator. TLT Grant.

Evaluating the Impact of an Online Supervision Training Module. Principal Investigator. TLT Grant.

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





## I. AUTHORS

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

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

Anid N.M., Panero M.A. Preparing for the next storm: power generation of the future. *TechNews* (published online Jan. 6, 2014); <https://njtcblog.files.wordpress.com/2014/01/nextstorm-jantn.pdf>.

Billis S., Anid N., Lee F., Panero M., Miller S. Big data analytics: where is it going and how can it be taught at the undergraduate level? A partnership between NYIT and IBM. *EdCon Conference Proceedings 2014*; Las Vegas, N.V., Oct. 25-26, 2014.

Billis S., Anid N.M., Panero M.A. Global competency: are engineering students ready? 121st American Society for Engineering Education (ASEE) Annual Conference and Exposition, Indianapolis, I.N., Jun. 15-18, 2014; Paper ID 8887.

McPherson S., Anid N.M. Preparing STEM teachers for K-12 classrooms: graduate certificate evaluation and innovation. *Proceedings of IEEE Integrated STEM Education Conference (ISEC)*; Princeton, N.J., Mar. 8, 2014; DOI: 10.1109/ISECon.2014.6891035.

### **Steven H. Billis, Ph.D.**

*Professor, Electrical and Computer Engineering*

Billis S., Anid N., Lee F., Panero M., Miller S. Big data analytics: where is it going and how can it be taught at the undergraduate level? A partnership between NYIT and IBM. *EdCon Conference Proceedings 2014*; Las Vegas, N.V., Oct. 25-26, 2014.

Billis S., Anid N.M., Panero M.A. Global competency: are engineering students ready? 121st American Society for Engineering Education (ASEE) Annual Conference and Exposition, Indianapolis, I.N., Jun. 15-18, 2014; Paper ID 8887.

### **Ziqian Dong, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

Dong Z., Zhuang W., Rojas-Cessa R. Energy-aware scheduling schemes for cloud data centers on Google trace data. *IEEE Online Conference on Green Communications*, Nov. 12-14, 2014; <http://www.ieee-onlinegreencomm.org/techprogram.html>.

Gutierrez N., Belmonte C., Hanvey J., Espejo R., Dong Z. Indoor localization for mobile devices. *IEEE 11th International Conference on Networking, Sensing and Control*, pgs. 173-178; Miami, F.L., Apr. 7-9, 2014; DOI: 10.1109/ICNSC.2014.6819620.

Liu H., Dong Z., Gu H. Microblogging as a social sensing tool. *IEEE 11th International Conference on Networking, Sensing and Control*, pgs. 513-517; Miami, F.L., Apr. 7-9, 2014; DOI: 10.1109/ICNSC.2014.6819679.

## AUTHORS (*continued*)

### **Fang Li, Ph.D.**

#### ***Assistant Professor, Mechanical Engineering***

Li F., Qi X., Xiang D. Finite element modeling of crack generation in laser shock peening processed airfoils. *Advances in Materials Science and Engineering* (published online Oct. 13, 2014); Article ID 812705; DOI: 10.1155/2014/812705.

Li F., Qin L., Wang Q.-M. Theoretical and experimental studies of Love mode surface acoustic wave sensors for cellular sensing. *Proceedings of ASME 2014 International Mechanical Engineering Congress and Exposition*; Montreal, Canada, Nov. 14-20, 2014; Paper ID 39279.

Li F., Qin L., Wu H., Wang Q.-M. Love mode surface acoustic wave sensors for cellular toxicity sensing. *Proceedings of the 2014 IEEE International Ultrasonics Symposium (IUS)*, pgs. 2548-2551; Chicago, I.L., Sep. 3-6, 2014; DOI: 10.1109/ULTSYM.2014.0636.

Liu F., Nordin A.N., Li F., Voiculescu I. A lab-on-chip cell-based biosensor for label-free sensing of water toxicants. *Lab on a Chip* 2014; 14(7): 1270-1280; PMID: 24463940; DOI: 10.1039/c3lc51085a. [Selected as a *Lab on a Chip* 2014 HOT Article, and selected for the journal's back cover.]

Voiculescu I., Li F., Zhang X., Petrisans R. Stretchable impedance spectroscopy sensor for mammalian cells impedance measurements. *Proceedings of ASME 2014 International Mechanical Engineering Congress and Exposition*; Montreal, Canada, Nov. 14-20, 2014; Paper ID 37737.

### **Wenjia Li, Ph.D.**

#### ***Assistant Professor, Computer Science***

Bazemore B., Li W. Data center heat monitoring using wireless sensor networks. *Proceedings of the 52nd Annual ACM Southeast Conference (ACM SE 2014)*, Kennesaw, G.A., Mar. 28-29, 2014.

Li W., Zhu X. Recommendation-based trust management in body area networks for mobile healthcare. *Proceedings of the IEEE 11th International Conference on Mobile Ad hoc and Sensor Systems (MASS)*, pgs. 515-516; Philadelphia, P.A., Oct. 28-30, 2014; DOI: 10.1109/MASS.2014.85.

### **Marta A. Panero, Ph.D.**

#### ***Director of Strategic Partnerships, School of Engineering and Computing Sciences***

Anid N., Panero M.A. Preparing for the next storm: power generation of the future. *TechNews* (published online Jan. 6, 2014); <https://njtcblog.files.wordpress.com/2014/01/nextstorm-jantn.pdf>.

Billis S., Anid N., Lee F., Panero M., Miller S. Big data analytics: where is it going and how can it be taught at the undergraduate level? A partnership between NYIT and IBM. *EdCon Conference Proceedings* 2014; Las Vegas, N.V., Oct. 25-26, 2014.

Billis S., Anid N.M., Panero M.A. Global competency: are engineering students ready? 121st American Society for Engineering Education (ASEE) Annual Conference and Exposition, Indianapolis, I.N., Jun. 15-18, 2014; Paper ID 8887.

**AUTHORS (continued)**

**James J. Scire Jr., Ph.D.**

*Assistant Professor, Mechanical Engineering*

Markham J., Cosgrove J., Scire J. Jr., Haldeman C., Agoos I. Aircraft engine-mounted camera system for long wavelength infrared imaging of in-service thermal barrier coated turbine blades. *Review of Scientific Instruments* 2014; 85(12): 124902; PMID: 25554314; DOI: 10.1063/1.4903266.

**Tao Zhang, Ph.D.**

*Associate Professor, Electrical and Computer Engineering*

Zhang T., Wang J. Performance of fiber delay-line buffers in asynchronous packet-based optical switching networks with wavelength conversion. *International Journal of Communication Systems* (published online Jan. 10, 2014); DOI: 10.1002/dac.2732.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

---

**Nada M. Anid, Ph.D.**

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

Anid N.M. Panel on the water-energy nexus. [Panelist.] U.S.-China Ten-Year Framework (TYF) for Cooperation on Energy and Environment Annual Assessment Meeting, U.S. Department of State, Washington, D.C., Mar. 18, 2014.

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

Anid N.M. End of the cozy hiding corner - doing business in a digital world that knows more about you than you yourself do. [Panelist.] EWC 2014: Swedish-American Executive Women's Conference, NASDAQ OMX, New York, N.Y. May 8, 2014; <http://ewc2014.tumblr.com/Conferenceprogram>.

Anid N.M. Transforming undergraduate education in STEM. [Presentation.] 2nd Annual National Science Foundation-Funded Transforming Undergraduate Education Workshop, New York Institute of Technology, Old Westbury, N.Y., May 15, 2014.

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

Anid N.M. STEM teacher development workshop. [Presentation.] Long Island STEM Hub Engineering and Architecture Regional Industry Council Professional Development Day, Farmingdale, N.Y., Nov. 4, 2014; <http://www.listemhub.org/cameron-engineering/>.

Anid N.M. STEM education: an interdisciplinary approach. [Presentation.] Faculty Development Workshop, Bellmore- Merrick School District, North Merrick, N.Y., Nov. 4, 2014.

Anid N.M. NYC-BIO panel discussion. [Moderator.] Biotechnology Leaders on Long Island Summit, New York Institute of Technology, Old Westbury, N.Y., Nov. 18, 2014.

Anid N.M. Transportation innovations. [Presentation.] Ground Transportation Technology Symposium: Big Data and Innovative Solutions for Safe, Efficient and Sustainable Mobility, New York Institute of Technology, New York, N.Y., Nov. 19, 2014; <http://www.utrc2.org/sites/default/files/11-19-14-Tech-Summit-Program.pdf>.

Anid N.M. [Panelist.] The First Annual Breakfast of Engineers, Oyster Bay-East Norwich Central School District, Oyster Bay, N.Y., Dec. 2, 2014.

Anid N.M. The world of engineering. [Presentation.] Big Apple Classic Leadership Summit and Education Symposium: Pathways to Success, United Federation of Teachers Headquarters, Brooklyn, N.Y., Dec. 6, 2014.

Anid N.M. [Panelist.] Society of Women Engineers Networking Event, New York Institute of Technology, New York, N.Y., Dec. 6, 2014.

Anid N.M., Panero M.A. Collaborative approach to promoting groundwater monitoring, protection and training. [Presentation.] NYIT Water-Energy Nexus Conference, Beijing, China, Apr. 17, 2014.

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### **Steven H. Billis, Ph.D.**

#### *Professor, Electrical and Computer Engineering*

Billis S., Anid N., Lee F., Panero M., Miller S. Big data analytics: where is it going and how can it be taught at the undergraduate level? A partnership between NYIT and IBM. [Presentation.] Big Data and Analytics EdCon 2014, Las Vegas, N.V., Oct. 25-26, 2014; <http://edcon2014.ischool.syr.edu/agenda/>.

Billis S., Anid N.M., Panero M.A. Global competency: are engineering students ready? [Presentation.] 121st American Society for Engineering Education (ASEE) Annual Conference and Exposition, Indianapolis, I.N., Jun. 15-18, 2014.

### **Stephen J. Blank, Ph.D.**

#### *Professor, Electrical and Computer Engineering*

Blank S.J., Jaffe P., Chang T. Over the horizon wireless power transmission, a low-cost precursor for space solar power. [Presentation.] IEEE 25th Annual International Symposium on Personal, Indoor, and Mobile Radio Communications (PIMRC), Washington, D.C., Sep. 2-5, 2014.

### **Ziqian Dong, Ph.D.**

#### *Assistant Professor, Electrical and Computer Engineering*

Dong Z. Estimation of missing measurements in computer networks: matrix completion vs. compressed sensing. [Invited Lecture.] York Tensor Scholar Program, Women in Mathematics and Computing Day, Jamaica, N.Y., Feb. 20, 2014.

Dong Z., Zhuang W., Rojas-Cessa R. Energy-aware scheduling schemes for cloud data centers on Google trace data. [Presentation.] IEEE Online Conference on Green Communications, Nov. 12-14, 2014; <http://www.ieee-onlinegreencomm.org/techprogram.html>.

Liu H., Dong Z., Gu H. Microblogging as a social sensing tool. [Presentation.] IEEE 11th International Conference on Networking, Sensing and Control, Miami, F.L., Apr. 7-9, 2014.

### **Wenjia Li, Ph.D.**

#### *Assistant Professor, Computer Science*

Li W. Secure and trustworthy data management for vehicular cyber physical systems. [Presentation.] DriveSense14: NSF Workshop on Large-Scale Traffic and Driving Activity Data, Norfolk, V.A., Oct. 30-31, 2014; <http://www.cs.odu.edu/~swimsys/Site/Agenda.html>.

### **Marta A. Panero, Ph.D.**

#### *Director of Strategic Partnerships, School of Engineering and Computing Sciences*

Anid N.M., Panero M.A. Collaborative approach to promoting groundwater monitoring, protection and training. [Presentation.] NYIT Water-Energy Nexus Conference, Beijing, China, Apr. 17, 2014.

Panero M.A. Partnership's training, impacts and outreach targets. [Presentation.] Pathways to Cleaner Production in the Americas 3rd Annual Meeting, Lima, Peru, Aug. 6-8, 2014.

**PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)**

***Marta A. Panero, Ph.D. (continued)***

***Director of Strategic Partnerships, School of Engineering and Computing Sciences***

Panero M.A. [Coordinator.] Ground Transportation Technology Symposium: Big Data and Innovative Solutions for Safe, Efficient and Sustainable Mobility, New York Institute of Technology, New York, N.Y., Nov. 19, 2014; <http://www.utrc2.org/events/ground-transportation-technology-symposium>.

### III. HONOREES AND AWARDEES

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**Wenjia Li, Ph.D.**

*Assistant Professor, Computer Science*

*Best Poster Award.* For Li W., Zhu X. Recommendation-based trust management for body area networks. Awarded at the 11th IEEE International Conference on Mobile Ad hoc and Sensor Systems (IEEE MASS 2014), Philadelphia, P.A., Oct. 27-30, 2014;  
<http://mass2014.eecs.utk.edu/>.



## IV. PATENTS

---

**Ziqian Dong, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

Dong Z., Rojas-Cessa R. Replicating and switching multicast internet packets in routers using crosspoint memory shared by output ports. U.S. Patent No. 8861539, issued Oct. 14, 2014.

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. 8675673, issued Mar. 18, 2014.

## V. GRANT RECIPIENTS – EXTERNALLY SPONSORED

---

**Nada M. Anid, Ph.D.**

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

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

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

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

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**Robert Amundsen, Ph.D.**

*Associate Professor and Chairperson, Energy Management*

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

**Nada M. Anid, Ph.D.**

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**Ziqian Dong, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

**Marta A. Panero, Ph.D.**

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**Richard C. Simpson, Ph.D.**

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

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

*Associate Professor, Management; Director, Center for Entrepreneurial Studies*

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

**Nada M. Anid, Ph.D.**

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

**Marta A. Panero, Ph.D.**

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

**GRANT RECIPIENTS – EXTERNALLY SPONSORED (continued)**

**Nada M. Anid, Ph.D.**

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**Sarah J. Meyland, M.S., J.D.**

*Associate Professor, Environmental Technology*

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

**Kiran S. Balagani, Ph.D.**

*Assistant Professor, Computer Science*

Design and Development of a Suite of Keyboard-based Biometrics for an Active Authentication System. Defense Advanced Research Projects Agency; Subcontract Agreement No. 32-4133-56192 under award to Louisiana Tech University.

**Kiran S. Balagani, Ph.D.**

*Assistant Professor, Computer Science*

**Paolo Gasti, Ph.D.**

*Assistant Professor, Computer Science*

Hand Movement, Orientation, and Grasp (H-MOG): A New Behavioral Modality for Active Authentication of Smartphone Users. Defense Advanced Research Projects Agency; Award No. FA8750-13-2-0266.

**Xiaohui Cui, Ph.D.**

*Assistant Professor, Computer Science*

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

**Ziqian Dong, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

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

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

**GRANT RECIPIENTS – EXTERNALLY SPONSORED (continued)**

**Aydin Farajidavar, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

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

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

**Huanying Gu, Ph.D.**

*Associate Professor, Electrical and Computer Engineering*

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

**Chung Hyuk Park, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

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

**James J. Scire Jr., Ph.D.**

*Assistant Professor, Mechanical Engineering*

Infrared Spectral Modeling for Gas Temperature. U.S. Air Force; subcontract agreement under award to Advanced Fuel Research, Inc.

**Richard C. Simpson, Ph.D.**

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

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

**Richard C. Simpson, Ph.D.**

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

**Nada M. Anid, Ph.D.**

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**Chung Hyuk Park, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

**Ziqian Dong, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

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

*Associate Professor, Management; Director, Center for Entrepreneurial Studies*

Pathways to Innovation 2015. Co-sponsored by VentureWell and Stanford University's National Science Foundation-funded National Center for Engineering Pathways to Innovation (Epicenter).

**GRANT RECIPIENTS – EXTERNALLY SPONSORED (*continued*)**

**Tao Zhang, Ph.D.**

*Associate Professor, Electrical and Computer Engineering*

**Stephen J. Blank, Ph.D.**

*Professor, Electrical and Computer Engineering*

**Fang Li, Ph.D.**

*Assistant Professor, Mechanical Engineering*

**Aydin Farajidavar, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

MRI: Acquisition of a DC/RF Sputtering System to Support Multi-disciplinary Research on Medical Sensors and Micro-generators in WBAN. National Science Foundation, Major Research Instrumentation Program (MRI): Instrument Acquisition or Development; Grant No. ECCS-1337965.

**Tao Zhang, Ph.D.**

*Associate Professor, Electrical and Computer Engineering*

**Michael Colef, Ph.D.**

*Associate Professor, Electrical and Computer Engineering*

Sarah J. McPherson, Ed.D.

*Associate Professor and Chairperson, Instructional Technology*

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

## VI. GRANT RECIPIENTS – INTERNALLY SPONSORED

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### **Kiran S. Balagani, Ph.D.**

*Assistant Professor, Computer Science*

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

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

### **Wei Ding, Ph.D.**

*Assistant Professor, Computer Science*

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

### **Ziqian Dong, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

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

### **Aydin Farajidavar, Ph.D.**

*Assistant Professor, Electrical and Computer Engineering*

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

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

### **Paolo Gasti, Ph.D.**

*Assistant Professor, Computer Science*

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

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

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

### **Huanying Gu, Ph.D.**

*Associate Professor, Electrical and Computer Engineering*

Auditing UMLS Semantic Type Assignment Using SNOMED CT. Principal Investigator. ISRC Grant.

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

**GRANT RECIPIENTS – INTERNALLY SPONSORED (*continued*)**

**Abdolhossei Kashani, M.S.**

***Associate Professor, Electrical Engineering Technology***

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

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

**Fang Li, Ph.D.**

***Assistant Professor, Mechanical Engineering***

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

Passive Surface Acoustic Wave Sensor System 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.

**Chung Hyuk Park, Ph.D.**

***Assistant Professor, Electrical and Computer Engineering***

Therapeutic Robotic System for Children with Autism through Music-based Emotional and Social Interaction. Principal Investigator. ISRC Grant.

Privacy-Preserving User Authentication Using 3-D Haptic Interactions. Co-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; Nanjing Campus***

Project and Conference Submission: Optimal and Sub-optimal Subcarrier Selection Algorithm in Green OFDM Wireless Positioning. Principal Investigator. GFSRC Grant.

**Sabiha A. Wadoo, Ph.D.**

***Assistant Professor, Electrical and Computer Engineering***

Control of Freeway Traffic Using Wireless Cellular Networks. Principal Investigator. ISRC Grant.

**GRANT RECIPIENTS – INTERNALLY SPONSORED (*continued*)**

**Tao Zhang, Ph.D.**

*Associate Professor, Electrical and Computer Engineering*

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

Passive Surface Acoustic Wave Sensor System for Wireless Body Area Networks. Co-Principal Investigator. ISRC Grant.





# School of Health Professions

## I. AUTHORS

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

*Assistant Professor, Interdisciplinary Health Sciences*

Wang R., Sitova Z., Jia X., He X., Abramson T.A., Gasti P., Balagani K.S., Farajidavar A. Automatic identification of solid-phase medication intake using wireless wearable accelerometers. *Proceedings of the 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, pgs. 4168-4171; DOI: 10.1109/EMBC.2014.6944542.

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

*Assistant Professor, Nursing*

Caico C. Sexually risky behavior in college-aged students. *Open Journal of Preventative Medicine* 2014; 4(5): 354-364; DOI: 10.4236/ojpm.2014.45043.

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

*Clinical Instructor, Nursing*

Darcy D. What's new in anticoagulation for patients with atrial fibrillation? *American Nurse Today* 2014; 9(11): 7-10.

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

*Assistant Professor, Physical Therapy*

Gugliotti M., Futterman B., Ahrens T., Block D., Brown L., Dagro M., Falesto J., Lyon A. Impact of shoulder internal rotation on ulnar nerve excursion and strain in embalmed cadavers. A pilot study. *Journal of Manual & Manipulative Therapy* (published online Nov. 17, 2014); DOI: 10.1179/2042618614Y.0000000093.

Storic L., Linder J., Kane L., Foster C., Gugliotti M. Does exercise provide a positive therapeutic effect for patients with cancer related fatigue? A systematic review. *Rehabilitation Oncology* 2013; 31(4): 14-22; <http://www.highbeam.com/doc/1P3-3157587071.html>.

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

*Director of Program Development, Interdisciplinary Health Sciences*

Haar M., Scanlan C. Building sense of community in online formats. *The Department Chair: A Resource for Academic Administrators* 2014; 25(1): 22-23; DOI: 10.1002/dch.20068.

Haar M., Scanlan C. Building sense of community in online formats. *Proceedings of the 31st Annual Academic Chairpersons Conference*, Jacksonville, F.L., Feb. 12-14, 2014.

**AUTHORS (continued)**

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

Handrakis J.P., Liu S.A., Rosado-Rivera D., Krajewski M., Spungen A., Bang C., Swonger K., Bauman W.A. Effect of mild cold exposure on cognition in persons with tetraplegia. *Journal of Neurotrauma* (published online Dec. 22, 2014); PMID: 25531297; DOI: 10.1089/neu.2014.3719.

**Lawrence M. Herman, PA-C, M.P.A., DFAAPA**  
*Associate Professor and Chairperson, Physician Assistant Studies*

Herman L.M. Antibiotics and the modern plague. [Review of Blaser M.J., *Missing Microbes*. New York, N.Y.: Henry Holt and Company, LLC, 2014.] *PA Professional* 2014; 6(10): 42-43; [http://www.nxtbook.com/nxtbooks/aapa/paprofessional\\_201411/#/45/OnePage](http://www.nxtbook.com/nxtbooks/aapa/paprofessional_201411/#/45/OnePage).

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

Carney M.T., Buchman T., Neville S., Thengampallil A., Silverman R. A community partnership to respond to an outbreak: a model that can be replicated for future events. *Progress in Community Health Partnerships* 2014; 8(4): 487-496; [https://www.press.jhu.edu/journals/progress\\_in\\_community\\_health\\_partnerships/documents/PCH\\_P\\_vol8no4\\_Carney.pdf](https://www.press.jhu.edu/journals/progress_in_community_health_partnerships/documents/PCH_P_vol8no4_Carney.pdf).

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

Prazak K.A., Lester P.E., Fazzari M. Evaluation of physician assistant student knowledge and perception of competence in palliative symptom management. *Journal of Allied Health* 2014; 43(4): 69e-74e; <http://www.ingentaconnect.com/content/asahp/jah/2014/00000043/00000004/art00012>.

**Lisa Sparacino, Ph.D., RN, CCRN, CNE**  
*Instructor, Nursing*

Sparacino L. A beginning theory of faculty's role in assisting new graduate nurses' adjustment to practice. [Dissertation.] Capella University, 2014; 148 pages, Publication No. 3665397; <http://gradworks.umi.com/36/65/3665397.html>.

**Sharon M. Sussman, Ed.D., RN, M.S., M.B.A.**  
*Assistant Professor, Nursing*

Sussman S., Treister P. The use of alternative paradigms in nursing academia; nursing students' perceptions of the use of webinars. *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* 2014; pgs. 1886-1891; <http://www.editlib.org/p/148782>.

**AUTHORS (continued)**

**Pamela Treister, M.S.N., CNS, RN, CMSRN**  
*Clinical Instructor, Nursing*

Sussman S., Treister P. The use of alternative paradigms in nursing academia; nursing students' perceptions of the use of webinars. *Proceedings of World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education* 2014; pgs. 1886-1891;  
<http://www.editlib.org/p/148782>.

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

DiFrancisco-Donoghue J., Rabin E., Lamberg E.M., Werner W.G. Effects of tyrosine on Parkinson's disease: a randomized, double-blind, placebo-controlled trial. *Movement Disorders Clinical Practice* 2014; 1(4): 348-353; DOI: 10.1002/mdc3.12082.

Rabin E., Demin A., Pirrotta S., Chen J., Patel H., Bhambri A., Noyola E., Lackner J.R., DiZio P., DiFrancisco-Donoghue J., Werner W.G. Parkinsonian gait ameliorated with a moving handrail, not with a banister. *Archives of Physical Medicine and Rehabilitation* (published online Oct. 5, 2014); PMID: 25286436; DOI: 10.1016/j.apmr.2014.07.427.

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

Wolf C. The effect of the graduate record examination on minority applications: experience at New York Institute of Technology. *Journal of Allied Health* 2014; 43(4): e65-e67; PMID: 25433190;  
<http://www.ingentaconnect.com/content/asahp/jah/2014/00000043/00000004/art00011>.

**Cheryl R. Zauderer, Ph.D., CNM, NPP, IBCLC**  
*Assistant Professor, Nursing*

Moran-Peters J.A., Zauderer C.R., Goldman S., Baierlein J., Smith A.E. A quality improvement project focused on women's perceptions of skin-to-skin contact after cesarean birth. *Nursing for Women's Health* 2014; 18(4): 294-303; DOI: 10.1111/1751-486X.12135.

Zauderer C.R. PTSD after childbirth: early detection and treatment. *Nurse Practitioner* 2014; 39(3): 36-41; DOI: 10.1097/01.NPR.0000425827.90435.e1.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

---

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

#### *Assistant Professor, Interdisciplinary Health Sciences*

Abramson T.A. Creativity and aging. Project independence and you. [Radio Broadcast.] Department of Services for the Aging, Project Independence, C.W. Post Radio Studio, North Hempstead, N.Y., Mar. 21, 2014.

Abramson T.A. PechaKucha. [Moderator.] The Creative Age: Exploring Potential in the Second Half of Life, A National Leadership Exchange and Conference on Creative Aging, Washington, D.C., Jun. 10-14, 2014;  
<http://conference.creativeaging.org/sites/default/files/users/user1/Creative%20Aging%20GBC%20Book%206-5%20%281%29.pdf>.

Abramson T.A. 360 Caregiving and the arts for the 21st century. [Forum.] The Creative Age: Exploring Potential in the Second Half of Life, A National Leadership Exchange and Conference on Creative Aging, Washington, D.C., Jun. 10-14, 2014;  
<http://conference.creativeaging.org/sites/default/files/users/user1/Creative%20Aging%20GBC%20Book%206-5%20%281%29.pdf>.

Abramson T.A. Cognitive changes of aging. [Webinar.] Society for Certified Senior Advisors (SCSA), Denver C.O., Oct. 7, 2014.

Abramson T.A. Mental and emotional health in later years. [Webinar.] Society for Certified Senior Advisors (SCSA), Denver C.O., Oct. 14, 2014.

Abramson T.A., Braverman-Schmidt P. Aging and happiness: learned optimism, positive psychology, and the intrinsic creative flow. [Presentation.] Annual Aging in America Conference, San Diego, C.A., Mar. 11-15, 2014.

Abramson T.A., Gollance R., Krinsky L., Lowe-Graham K., Wiesner I. Fear of the other: managing diverse clients in a segregated culture. [Roundtable.] Annual Aging in America Conference, San Diego, C.A., Mar. 11-15, 2014.

Abramson T.A., Lee D. What do osteopathic physicians know about caregiving? [Poster.] State Society on Aging of New York 42nd Annual Conference, New York, N.Y., Oct. 22-24, 2014;  
[https://ssany.org/conference/2014\\_Final\\_Program.pdf](https://ssany.org/conference/2014_Final_Program.pdf).

Abramson T.A., Lee D., Yens D. Physician knowledge about caregiving. [Poster.] The Gerontological Society of America's 67th Annual Scientific Meeting, Washington, D.C., Nov. 5-9, 2014; <https://www.geron.org/images/gsa/2014asm/gsa2014programbook.pdf>.

Abramson T.A., Siegel M.J. Stories construct designs: a cross-disciplinary, person-centered approach to aging in place. [Presentation.] Interior Design Educators Council (IDEC) Annual Conference, New Orleans, L.A., Mar. 6-8, 2014; <http://conf.idec.org/2014/stories-construct-designs-a-cross-disciplinary-person-centered-approach-to-aging-in-place/>.

Abramson T.A., Siegel M.J. Interdisciplinary collaborations: the good, the bad, & the ugly. [Presentation.] State Society on Aging of New York 42nd Annual Conference, New York, N.Y., Oct. 22-24, 2014; [https://ssany.org/conference/2014\\_Final\\_Program.pdf](https://ssany.org/conference/2014_Final_Program.pdf).

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### **Tobi A. Abramson, Ph.D. (*continued*)**

#### ***Assistant Professor, Interdisciplinary Health Sciences***

Penn Shaw J., Abramson T.A., Chaffin M., Kanaris P. Making meaning in the later years in the face of change: spirituality, sexuality and security. [Presentation.] Hudson Valley Psychological Association, Poughkeepsie, N.Y., Apr. 27, 2014; <http://www.hvpa.org/calendar-of-events.asp>.

Schmidt P., Abramson T.A. Congruence of optimism, self-esteem, and self-compassion. [Poster.] Biannual Science of Compassion Conference, San Francisco, C.A., Nov. 10-11, 2014; <http://ccare.stanford.edu/events/the-science-of-compassion-2014/#t3>.

Wang R., Sitova Z., Jia X., He X., Abramson T.A., Gasti P., Balagani K.S., Farajidavar A. Automatic identification of solid-phase medication intake using wireless wearable accelerometers. [Presentation.] 36th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Chicago, I.L., Aug. 26-30, 2014.

Yens D., Neville S., Ahmed Z., Abramson T., Errichetti A. A comprehensive program to enhance family physician skills in geriatrics. [Presentation.] 2014 American Association of Colleges of Osteopathic Medicine (AACOM) Annual Conference, Washington, D.C., Apr. 2-5, 2014; [https://www.aacom.org/docs/default-source/2014-annual-conference/a-comprehensive-program-to-enhance-family-physician-skills-in-geriatrics\\_d-yens.pdf?sfvrsn=0](https://www.aacom.org/docs/default-source/2014-annual-conference/a-comprehensive-program-to-enhance-family-physician-skills-in-geriatrics_d-yens.pdf?sfvrsn=0).

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

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

Ahmed Z. Advising, academic integrity, disabilities. [Facilitator and Presenter.] Basic Faculty Skills Pando Workshop, Physician Assistant Education Association's 2014 Annual Education Forum, Philadelphia, P.A., Oct. 15-19, 2014.

Wolf C., Ahmed Z. Addressing the needs of LGBT patients in PA education. [Presentation.] Physician Assistant Education Association's 2014 Annual Education Forum, Philadelphia, P.A., Oct. 15-19, 2014; <http://forum.paeaonline.org/2014-forum-proceedings-education-sessions/>.

Yens D., Neville S., Ahmed Z., Abramson T., Errichetti A. A comprehensive program to enhance family physician skills in geriatrics. [Presentation.] 2014 American Association of Colleges of Osteopathic Medicine (AACOM) Annual Conference, Washington, D.C., Apr. 2-5, 2014; [https://www.aacom.org/docs/default-source/2014-annual-conference/a-comprehensive-program-to-enhance-family-physician-skills-in-geriatrics\\_d-yens.pdf?sfvrsn=0](https://www.aacom.org/docs/default-source/2014-annual-conference/a-comprehensive-program-to-enhance-family-physician-skills-in-geriatrics_d-yens.pdf?sfvrsn=0).

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

#### ***Assistant Professor, Nursing***

Caico C. Sexually risky behavior in college-aged students and correlation to finds in older women. [Poster.] North American Menopause Society 25th Annual Meeting, Washington, D.C., Oct. 15-18, 2014; <http://www.menopause.org/docs/default-source/agm/2014-scientific-poster-abstracts.pdf>.

Caico C. [Featured Interview in Article.] Foltz-Gray D. Girl talk: seven insider tips on women's health from a pro in-the-know. *American Profile*, May 4-10, 2014, pgs. 10-12; <http://americanprofile.com/articles/girl-talk-video/>.

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### **Maureen Cardoza, Ph.D., RN, CDP**

#### *Assistant Professor, Nursing*

Cardoza M., Neville S. Overview of national guidelines that promote collaboration across the disciplines. [Presentation.] State Society on Aging of New York 42nd Annual Conference, New York, N.Y., Oct. 22-24, 2014; [https://ssany.org/conference/2014\\_Final\\_Program.pdf](https://ssany.org/conference/2014_Final_Program.pdf).

Cardoza M., Neville S. Preparing the healthcare workforce: a geriatric education and service program partnership. [Presentation.] New York State Council of Practical Nursing Education Conference, Albany, N.Y., Apr. 25, 2014.

### **Gioia Ciani, O.T.D., OTR/L**

#### *Assistant Professor and Chairperson, Occupational Therapy*

Ciani G. Tools to help patients and caregivers. [Presentation.] ALS Association of Greater New York, Burke Rehabilitation Center, White Plains, N.Y., Jan. 14, 2014.

Ciani G. Interventions for ADLs and IADLs for the client and caregiver. [Presentation.] ALS Association of Greater New York, Mount Sinai Beth Israel, New York, N.Y., Mar. 18, 2014.

Ciani G. Ergonomics and body mechanics. [Workshop.] ALS Association of Greater New York, Caregivers Seminar, Kessler Institute for Rehabilitation, Saddle Brook, N.J., Nov. 11, 2014.

Shahbazi M., Ciani G., Holzberg S., Lange D. The lost art of kissing: a needs assessment. [Poster.] 25th International Symposium on ALS/MND, Brussels, Belgium, Dec. 5-7, 2014; <http://www.mndassociation.org/Resources/MNDA/Research/Documents/final-programme.pdf>.

Shahbazi M., Ciani G., Holzberg S., Lange D. The lost art of kissing. [Poster.] 13th Annual Northeast Amyotrophic Lateral Sclerosis Consortium (NEALS) Meeting, Clearwater Beach, F.L., Oct. 22-24, 2014.

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

#### *Clinical Instructor, Nursing*

Darcy D. Reflection of human patient simulation in nursing education. [Presentation.] E-Learn 2014: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, New Orleans, L.A., Oct. 27-30, 2014.

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

#### *Assistant Professor, Nursing*

Diggle-Fox B.S. Effects of two teaching strategies on nursing students' knowledge and self-efficacy regarding their geriatric nursing care. [Poster.] Elsevier Faculty Development Conference, Las Vegas, N.V., Jan. 2-5, 2014.

Diggle-Fox B.S. Effects of two teaching strategies on nursing students' knowledge and self-efficacy regarding their geriatric nursing care. [Poster.] North Shore-LIJ 7th Annual Nursing Education Conference, Manhasset, N.Y., Sep. 9, 2014.

## **PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)**

### ***B. Suzy Diggle-Fox, Ph.D., GNP, ANP, B-C (continued)***

#### ***Assistant Professor, Nursing***

Diggle-Fox B.S. Effects of two teaching strategies on nursing students' knowledge and self-efficacy regarding their geriatric nursing care. [Poster.] 18th Annual Midwest Regional Nursing Educators Conference, Columbia, M.O., Nov. 13-14, 2014;  
<http://nursingoutreach.missouri.edu/documents/education14abstracts.pdf>.

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

#### ***Assistant Professor, Physical Therapy***

Kegelmeyer D., Esposito A., Ellis T., Gallagher R., Harro C., Hoder J., Hussey E., O'Neal S. Core outcome measure recommendations for assessment in individuals with Parkinson disease: PD EDGE Taskforce report with application to clinical, academic, and research environments. [Presentation.] American Physical Therapy Association (APTA) 2014 Combined Sections Meeting (CSM), Las Vegas, N.V., Feb. 3-6, 2014.

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

#### ***Director of Program Development, Interdisciplinary Health Sciences***

Cabello C., Scollo N., Gugliotti M., Neville S., McCummings C., Haar M., Buchman T. Collaborate to motivate: an academic-government partnership to promote a comprehensive worksite wellness initiative. [Panel Discussion.] 142nd Annual American Public Health Association Conference, New Orleans, L.A., Nov. 15-19, 2014;  
<https://apha.confex.com/apha/142am/webprogram/Paper298091.html>.

Haar M. Changing attitudes and practices in healthcare regarding obesity in older adults. [Presentation.] State Society on Aging of New York 42nd Annual Conference, New York, N.Y., Oct. 22-24, 2014; [https://ssany.org/conference/2014\\_Final\\_Program.pdf](https://ssany.org/conference/2014_Final_Program.pdf).

Haar M. Increasing student sense of community in online courses. [Presentation.] 31st Annual Academic Chairpersons Conference, Jacksonville, F.L., Feb. 12-14, 2014; <http://www.dce.k-state.edu/conf/academicchairpersons/31st/docs/2014AcaChairProgramBook.pdf>.

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

#### ***Associate Professor, Physical Therapy***

Handrakis J.P. Can exposure to cool ambient temperatures affect cognitive performance in persons with tetraplegia? [Presentation.] American Physical Therapy Association (APTA) 2014 Combined Sections Meeting (CSM), Las Vegas, N.V., Feb. 3-6, 2014.

Handrakis J.P. Cognitive performance during heat exposure in persons with tetraplegia. [Poster.] Educational Conference of the Academy of Spinal Cord Injury Professionals, St. Louis, M.O., Aug. 31-Sept. 3, 2014;  
<http://www.academyscipro.org/uploads/docuploads/ASCIP%20Conference%20Program%202014%20Web.pdf>.



## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

### **Lawrence M. Herman, PA-C, M.P.A., DFAAPA**

#### *Associate Professor and Chairperson, Physician Assistant Studies*

Adamson P.C., Herman L.M., Horblyuk R., Levin L., Schilsky R.L. The promise and potential of personalized cancer care: integrating personalized medicine into clinical practice. [Panel Presentation.] American Cancer Society National Forum on the Future of Health Care, Washington, D.C., Apr. 29, 2014.

Herman L.M. The Affordable Care Act: practicing cardiothoracic surgery and critical care in the era of healthcare reform. [Presentation.] Association of Physician Assistants in Cardiovascular Surgery 33rd Annual Winter Conference and CME, Orlando, F.L., Jan. 23-26, 2014; <http://apacvs.org/multimedia/files/conferences/2014/Winter-Educational/Event-Program.pdf>.

Herman L.M. The Patient Protection and Affordable Care Act and PAs in a changing healthcare landscape. [Presentation.] Florida Academy of Physician Assistants 2014 Winter Symposium and Recertification Review, Orlando, F.L., Feb. 26-Mar. 2, 2014.

Herman L.M. The changing healthcare marketplace. [Keynote Address.] Society for Physician Assistants in Pediatrics 2014 Annual Conference, Cincinnati, O.H., Mar. 7-9, 2014.

Herman L.M. When all hell breaks loose—a PA perspective on delivering care amid a crisis: Would you be ready? [Presentation.] AAPA Impact 2014: American Academy of Physician Assistants 2014 Annual Conference, Boston, M.A., May 24-28, 2014.

Herman L.M. Trends for PAs in health care. [Presentation.] California Academy of Physician Assistants 38th Annual Conference and CME, Palm Springs, C.A., Oct. 9-12, 2014.

Herman L.M. The shrinking world of medicine: from wearable devices to nanotechnology. [Presentation.] Massachusetts Association of Physician Assistants Fall 2014 CME and Conference, Cambridge, M.A., Oct. 23-26, 2014.

Herman L.M. Do you remember that patient you saw yesterday? Malpractice risk and avoidance strategies. [Presentation.] Massachusetts Association of Physician Assistants Fall 2014 CME and Conference, Cambridge, M.A., Oct. 23-26, 2014.

Herman L.M., Braun B. What we say and how we say it: positioning PAs through language. [Presentation.] American Academy of Physician Assistants Leadership and Advocacy Summit, Pentagon City, V.A., Feb. 27-Mar. 1, 2014; <http://www.aapa.org/WorkArea/DownloadAsset.aspx?id=2412>.

Herman L.M., Dorn J.L. Challenges and opportunities facing the PA profession. [Presentation.] National Commission on the Certification of Physician Assistants (NCCPA) Primary Care Workforce Symposium, Palm Springs, C.A., Feb. 7, 2014.

Herman L.M., Dorn J.L. ~~Challenges and~~ challenges and opportunities for the PA profession. [Presentation.] American Academy of Physician Assistants Leadership and Advocacy Summit, Pentagon City, V.A., Feb. 27-Mar. 1, 2014; <http://www.aapa.org/WorkArea/DownloadAsset.aspx?id=2412>.

Wergin R., Herman L.M., Miller K. Executive briefing: building your workforce for the new care models. [Panel Presentation.] American Hospital Association Annual Membership Meeting, Washington, D.C., May 4-7, 2014.

## PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)

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

#### *Professor and Chairperson, Nursing*

Cabello C., Scollo N., Gugliotti M., Neville S., McCummings C., Haar M., Buchman T. Collaborate to motivate: an academic-government partnership to promote a comprehensive worksite wellness initiative. [Panel Discussion.] 142nd Annual American Public Health Association Conference, New Orleans, L.A., Nov. 15-19, 2014; <https://apha.confex.com/apha/142am/webprogram/Paper298091.html>.

Cardoza M., Neville S. Preparing the healthcare workforce: a geriatric education and service program partnership. [Presentation.] New York State Council of Practical Nursing Education Conference, Albany, N.Y., Apr. 25, 2014.

Cardoza M., Neville S. Overview of national guidelines that promote collaboration across the disciplines. [Presentation.] State Society on Aging of New York 42nd Annual Conference, New York, N.Y., Oct. 22-24, 2014; [https://ssany.org/conference/2014\\_Final\\_Program.pdf](https://ssany.org/conference/2014_Final_Program.pdf).

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

Neville S., Carney M., Buchman T., Reinharz P. Health checks: an innovative grass roots community health action model to build team collaboration capacity and impact community-driven outcomes. [Symposium.] State Society on Aging of New York 42nd Annual Conference, New York, N.Y., Oct. 22-24, 2014; [https://ssany.org/conference/2014\\_Final\\_Program.pdf](https://ssany.org/conference/2014_Final_Program.pdf).

Yens D., Neville S., Ahmed Z., Abramson T., Errichetti A. A comprehensive program to enhance family physician skills in geriatrics. [Presentation.] 2014 American Association of Colleges of Osteopathic Medicine (AACOM) Annual Conference, Washington, D.C., Apr. 2-5, 2014; [https://www.aacom.org/docs/default-source/2014-annual-conference/a-comprehensive-program-to-enhance-family-physician-skills-in-geriatrics\\_d-yens.pdf?sfvrsn=0](https://www.aacom.org/docs/default-source/2014-annual-conference/a-comprehensive-program-to-enhance-family-physician-skills-in-geriatrics_d-yens.pdf?sfvrsn=0).

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

#### *Assistant Professor, Physician Assistant Studies*

Prazak K.A., Lester P.E., Fazzari M. Palliative symptom management: identifying curricular needs for physician assistant students. [Poster.] Physician Assistant Education Association 2014 Annual Education Forum, Philadelphia, P.A., Oct. 15-19, 2014; <http://forum.paeaonline.org/wp-content/uploads/2014/09/2014-Forum-program-pdf.pdf>.

Prazak K.A., Lester P.E., Fazzari M. Palliative symptom management in physician assistant education: identifying experiences and preferred educational formats. [Poster.] New York State Society of Physician Assistants Fall 2014 CME Conference, Tarrytown, N.Y., Oct. 24-26, 2014.

### **Sharon M. Sussman, Ed.D., RN, M.S., M.B.A.**

#### *Assistant Professor, Nursing*

Sussman S., Treister P. The use of alternative paradigms in nursing academia; nursing students' perceptions of the use of webinars. [Presentation.] E-Learn 2014: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, New Orleans, L.A., Oct. 27-30, 2014.

## **PRESENTERS AT MEETINGS AND CONFERENCES (*continued*)**

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

#### ***Clinical Instructor, Nursing***

Sussman S., Treister P. The use of alternative paradigms in nursing academia; nursing students' perceptions of the use of webinars. [Presentation.] E-Learn 2014: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, New Orleans, L.A., Oct. 27-30, 2014.

Treister P. The "strongest link" - using game-play as an active learning pedagogy to promote critical thinking and teamwork. [Abstract and Poster.] North Shore-LIJ 7th Annual Nursing Education Conference, Manhasset, N.Y., Sep. 9, 2014.

### **Corri P. Wolf, PA-C, M.S., RD**

#### ***Associate Professor, Physician Assistant Studies***

Wolf C., Ahmed Z. Addressing the needs of LGBT patients in PA education. [Presentation.] Physician Assistant Education Association's 2014 Annual Education Forum, Philadelphia, P.A., Oct. 15-19, 2014; <http://forum.paeonline.org/2014-forum-proceedings-education-sessions/>.

### **Cheryl R. Zauderer, Ph.D., CNM, NPP, IBCLC**

#### ***Assistant Professor, Nursing***

Zauderer C.R. Post-traumatic stress disorder and the childbearing woman. [Poster.] 27th Annual Postpartum Support International Conference with University of North Carolina Center for Women's Mood Disorders, Chapel Hill, N.C., Jun. 20-21, 2014; <https://cdn.ev buc.com/eventlogos/8997733/psiandunc2014mainconferenceagendafinale-2.pdf>.

### III. HONOREES AND AWARDEES

---

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

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

Gotfried E., Chute P., Passafaro M., Ahmed Z., Lardner D., Blazey W., Krishnamachari B.  
*Presidential Engagement Award for Student Engagement in Global Education*, awarded to the  
faculty of the Center for Global Health by President Guiliano, Aug. 28, 2014.

**Maureen Cardoza, Ph.D., RN, CDP**

*Assistant Professor, Nursing*

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

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

*Professor and Chairperson, Nursing*

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

*Vice President* of the Transcultural Nursing Society's Northeast/Tri-State/Metropolitan New  
York City Chapter, elected in 2014.

## **IV. GRANT RECIPIENTS – EXTERNALLY SPONSORED**

---

**Karen Friel, PT, D.H.S.**

*Associate Professor and Chairperson, Physical Therapy*

**Gioia Ciani, O.T.D., OTR/L**

*Assistant Professor and Chairperson, Occupational Therapy*

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

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

*Assistant Professor, Physical Therapy*

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

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

*Professor and Chairperson, Nursing*

State Aid for High Needs Nursing Program, 2013-2014. New York State Education Department.

State Aid for High Needs Nursing Program, 2014-2015. 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.

**Corri P. Wolf, PA-C, M.S., RD**

*Associate Professor, Physician Assistant Studies*

Web-based Nutrition Education for Allied Health Students. Allen Foundation Inc.

## V. GRANT RECIPIENTS – INTERNALLY SPONSORED

---

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

*Assistant Professor, Interdisciplinary Health Sciences*

Intergenerational Community Garden. Principal Investigator. ISRC Grant.

**Karen Friel, PT, D.H.S.**

*Associate Professor and Chairperson, Physical Therapy*

Development of e-Books to Integrate Essential Course Materials in the Physical Therapy Curriculum. Principal Investigator. TLT Grant.

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

*Assistant Professor, Physical Therapy*

Can An Alternative Passive Position of the Upper Extremity be Performed to Elicit a Similar Response of Ulnar Nerve Tension Bias When Compared to a Traditional Orthopedic Manual Therapy Maneuver? Principal Investigator. ISRC Grant.

**Lorraine Mongiello, Dr.P.H.**

*Assistant Professor, Interdisciplinary Health Sciences*

Intergenerational Community Garden. Co-Principal Investigator. ISRC Grant.



## I. AUTHORS

---

**Amr Swid, Ph.D.**

*Assistant Professor, Management*

Swid A. Police members perception of their leaders' leadership style and its implications.  
*Policing: An International Journal of Police Strategies and Management* 2014; 37(3): 579-595;  
DOI: 10.1108/PIJPSM-08-2013-0085.



## II. PRESENTERS AT MEETINGS AND CONFERENCES

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

*Associate Professor, Management; Director, Center for Entrepreneurial Studies*

Scillitoe J. Facilitating university interdisciplinary research: a social capital perspective. [Presentation.] Transfusion and Transformation: The Creative Potential of Interdisciplinary Knowledge Exchange, Institute of Advanced Study, Durham University, Durham, United Kingdom, Jul. 15-17, 2014; <https://www.dur.ac.uk/ias/2014conference/>.

### III. HONOREES AND AWARDEES

---

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

*Associate Professor, Management; Director, Center for Entrepreneurial Studies*

*Fulbright Specialist Roster Candidate.* Recommended for the Fulbright Specialist Roster, by the U.S. Department of State's Bureau of Educational and Cultural Affairs (ECA) and the Institute of International Education's Council for International Exchange of Scholars (CIES), on October 29, 2014.

## **IV. GRANT RECIPIENTS – EXTERNALLY SPONSORED**

---

Nada M. Anid, Ph.D.

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

Ziqian Dong, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Marta A. Panero, Ph.D.

*Director of Strategic Partnerships, School of Engineering and Computing Sciences*

Richard C. Simpson, Ph.D.

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

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

***Associate Professor, Management; Director, Center for Entrepreneurial Studies***

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

Richard C. Simpson, Ph.D.

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

Nada M. Anid, Ph.D.

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

Chung Hyuk Park, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Ziqian Dong, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

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

***Associate Professor, Management; Director, Center for Entrepreneurial Studies***

Pathways to Innovation 2015. Co-sponsored by VentureWell and Stanford University's National Science Foundation-funded National Center for Engineering Pathways to Innovation (Epicenter).

## V. GRANT RECIPIENTS – INTERNALLY SPONSORED

---

**Sekhar Muni Amba, Ph.D.**

*Assistant Professor, Finance; Vancouver Campus*

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

**Min Chung (Amanda) Han, Ph.D.**

*Assistant Professor, Marketing; Nanjing Campus*

Project: Why People Hesitate to Buy High-Involvement Products on Taobao. Principal Investigator. GFSRC Grant.

**Ravichandran Krishnamurthy, Ph.D.**

*Associate Professor, Finance; Abu Dhabi Campus*

Research Paper: Corporate Valuation of Federal Express Corporation. Principal Investigator. GFSRC Grant.

**Frank T. Lorne, Ph.D.**

*Professor, Economics; Vancouver Campus*

Project: The Economics of Drug Pricing and Price Reporting Mechanism. Principal Investigator. GFSRC Grant.

**Rakesh Mittal, Ph.D.**

*Assistant Professor, Human Resource Management*

Impact of Transformational and Transactional Leadership on the Buyer-Supplier Relationship in a Supply Chain: An Empirical Study. Principal Investigator. ISRC Grant.

**Birasnav Muthuraj, Ph.D.**

*Visiting Assistant Professor, Management*

Impact of Transformational and Transactional Leadership on the Buyer-Supplier Relationship in a Supply Chain: An Empirical Study. Co-Principal Investigator. ISRC Grant.

**Raja Nag, Ph.D.**

*Professor, Finance*

CO<sub>2</sub> Mitigation in UAEs Power Sector - Solar Augmentation as a Viable Solution: A Cost-Benefit Analysis. Principal Investigator. ISRC Grant.

**Gantasala V. Prabhakar, Ph.D.**

*Associate Professor, Management; Abu Dhabi Campus*

CO<sub>2</sub> Mitigation in UAEs Power Sector - Solar Augmentation as a Viable Solution: A Cost-Benefit Analysis. Co-Principal Investigator. ISRC Grant.

**GRANT RECIPIENTS – INTERNALLY SPONSORED (*continued*)**

**Anjum Razzaque, Ph.D.**

*Assistant Professor, Management Information Systems; Vancouver Campus*

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

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

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

*Associate Professor, Management; Director, Center for Entrepreneurial Studies*

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

**Vanaja M. Vadakepat, Ph.D.**

*Associate Professor, Marketing; Abu Dhabi Campus*

Research Paper: e-Marketing Soft Goods: Prospects in the Emirates' Market. Principal Investigator. GFSRC Grant.

# Vocational Independence Program

## I. AUTHORS

---

**Christine Alter, M.S.W.**

*Teacher and Counselor, Vocational Independence Program*

Alter C., Vlasak E. Back to school meets positive behavioral interventions and supports (PBIS). *Exceptional Parent Magazine* 2014; 44(5): 41-43.

**Mary Jane Burner, M.A.**

*Senior Teacher and Counselor, Vocational Independence Program*

Burner M.J. A road to emotional awareness for students on the autistic spectrum through performing William Shakespeare. *Exceptional Parent Magazine* 2014; 44(10): 54-55.

**Patricia Cappellino, M.S.**

*Teacher and Counselor, Vocational Independence Program*

Cappellino P. Help disabled young adults develop money handling skills. *ExpertBeacon.com* (published online 2014); <http://expertbeacon.com/help-disabled-young-adults-develop-money-handling-skills/#.VOUIVqU0WSp>.

**Paul Kevin Cavanagh, Ph.D., M.S.W.**

*Assistant Dean, Vocational Independence Program*

Cavanagh P.K., VanBergeijk E.O. Residential options and treatment for individuals on the autism spectrum. In Volkmar F.R., Reichow B., McPartland J. (Editors), *Adolescents and Adults with Autism Spectrum Disorders*. New York, N.Y.: Springer, 2014; DOI: 10.1007/978-1-4939-0506-5\_10.

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

*Teacher and Counselor, Vocational Independence Program*

Hawkins C., Vlasak E. Thinking out of the box for family fun and summer fitness. *Exceptional Parent Magazine* 2014; 44(6): 50-52.

**Kelly Imperial, M.S.**

*Associate Director of Admissions and Development, Vocational Independence Program*

Imperial K. Helping students on the autism spectrum navigate the college search and application process. *Exceptional Parent Magazine* 2014; 44(4): 45-47.

Imperial K. Explore postsecondary options for students with learning differences. *ExpertBeacon.com* (published online 2014); <http://expertbeacon.com/explore-postsecondary-options-students-learning-differences/#.U5NJx3Ztb6g>.

## **AUTHORS (continued)**

### ***Kelly Imperial, M.S. (continued)***

#### ***Associate Director of Admissions and Development, Vocational Independence Program***

Imperial K. The college admissions interview and students on the autism spectrum. *Autism Parenting Magazine* (published Aug. 20, 2014); <http://www.autismparentingmagazine.com/issue-22-school-special-edition/>.

### **Walter Mayer, L.M.S.W.**

#### ***Coordinator of Residential Life, Vocational Independence Program***

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

Mayer W. Taking a small step back to take a giant leap forward. *Exceptional Parent Magazine* 2014; 44(9): 28-30.

### **Michelle Ranaldo, M.S.**

#### ***Director of Instructional Technology, Vocational Independence Program***

VanBergeijk E.O., Ranaldo M., Shtayermman O. Teaching STEM to students with autism spectrum disorders. In Green S.L. (Editor), *STEM Education: How to Train 21st Century Teachers*. Hauppauge, N.Y.: Nova Science Publishers, 2014.

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

#### ***Associate Dean and Executive Director, Vocational Independence Program***

Cavanagh P.K., VanBergeijk E.O. Residential options and treatment for individuals on the autism spectrum. In Volkmar F.R., Reichow B., McPartland J. (Editors), *Adolescents and Adults with Autism Spectrum Disorders*. New York, N.Y.: Springer, 2014; DOI: 10.1007/978-1-4939-0506-5\_10.

VanBergeijk E.O. [Review of Tobe K., *With the Light: Raising an Autistic Child (Volume 6)*. New York, N.Y.: Yen Press, 2010.] *Journal of Autism and Developmental Disorders* (published online Jan. 31, 2014); DOI: 10.1007/s10803-014-2043-8.

VanBergeijk E.O. Preparing teens with special needs and learning issues for college. *ExpertBeacon.com* (published online Feb. 2014); <http://expertbeacon.com/preparing-teens-special-needs-and-learning-issues-college/>.

VanBergeijk E.O. Preparing students with disabilities for international travel. *Exceptional Parent Magazine* 2014; 44(3): 30-33.

VanBergeijk E.O. [Review of Ratey J.J., *Spark: The Revolutionary New Science of Exercise and the Brain*. New York, N.Y.: Little, Brown and Company, 2008.] *Journal of Autism and Developmental Disorders* 2014; 44(4): 990-991; DOI: 10.1007/s10803-014-2044-7.

VanBergeijk E.O. Autism: a tsunami of need. *The New Idealist (6) - The Autism Issue*, Jul. 16, 2014; <http://theintelligentreview.com/the-autism-issue-from-the-new-idealist/>.

VanBergeijk E.O. A tsunami of need. *The Intelligent Review (Online Extra)*, Aug. 2, 2014; <http://theintelligentreview.com/a-tsunami-of-need-by-ernst-vanbergeijk/>.

## **AUTHORS (continued)**

### **Ernst O. VanBergeijk, Ph.D., M.S.W. (continued)**

#### **Associate Dean and Executive Director, Vocational Independence Program**

VanBergeijk E.O. Green goods and services: a new niche in the economy for individuals on the autism spectrum. *Autism Spectrum News* 2014; 7(2): 12, 24; [http://www.mhnews-autism.org/back\\_issues/ASN-Fall2014.pdf](http://www.mhnews-autism.org/back_issues/ASN-Fall2014.pdf).

VanBergeijk E.O. [Review of Tobe K., *With the Light: Raising an Autistic Child (Volume 7)*. New York, N.Y.: Yen Press, 2010.] *Journal of Autism and Developmental Disorders* 2014; 44(8): 2081-2083; DOI: 10.1007/s10803-014-2058-1.

VanBergeijk E.O. [Review of Fleischmann A., Fleischmann C., *Carly's Voice: Breaking Through Autism*. New York, N.Y.: Touchstone, 2012.] *Journal of Autism and Developmental Disorders* 2014; 44(8): 2084-2085; DOI: 10.1007/s10803-014-2054-5.

VanBergeijk E.O. Electronics recycling and refurbishing: an opportunity for a living wage for individuals on the autism spectrum? *Exceptional Parent Magazine* 2014; 44(9): 46-48.

VanBergeijk E.O. How can young adults on the autism spectrum find employment? *ExpertBeacon.com* (published online Sep. 2014); <http://expertbeacon.com/how-can-young-adults-autism-spectrum-find-employment>.

VanBergeijk E.O. Where can individuals on the autism spectrum find jobs that produce a living wage? *Fact Based Health* (published online Oct. 12, 2014); <http://factbasedhealth.com/can-individuals-autism-spectrum-find-jobs-produce-living-wage/>.

VanBergeijk E.O. When a student with autism wants a career working with computers - Part 1. *Studentglobal.com* (published online Nov. 3, 2014); <http://www.i-studentglobal.com/counsellors/when-a-student-with-autism-wants-a-career-working-with-computers-part-1>.

VanBergeijk E.O. When a student with autism wants a career working with computers - Part 2. *Studentglobal.com* (published online Nov. 12, 2014); <http://www.i-studentglobal.com/counsellors/when-a-student-with-autism-a-career-working-with-computers-part-2?showall=&start=2>.

VanBergeijk E.O., Ranaldo M., Shtayermman O. Teaching STEM to students with autism spectrum disorders. In Green S.L. (Editor), *STEM Education: How to Train 21st Century Teachers*. Hauppauge, N.Y.: Nova Science Publishers, 2014.

### **Erin Vlasak, M.S.**

#### **Director of Student Support Services, Vocational Independence Program**

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

Alter C., Vlasak E. Back to school meets positive behavioral interventions and supports (PBIS). *Exceptional Parent Magazine* 2014; 44(5): 41-43.

Hawkins C., Vlasak E. Thinking out of the box for family fun and summer fitness. *Exceptional Parent Magazine* 2014; 44(6): 50-52.



**AUTHORS (continued)**

**Theresa (Terri) White, M.P.S.**

***Director of Vocational Services, Vocational Independence Program***

White T. Finding the best employers for young adults on the spectrum. *Exceptional Parent Magazine* 2014; 44(4): 42-44.

White T. Finding positive vocational opportunities for young adults on the spectrum. *Autism Spectrum News* 2014; 6(4): 12, 31; [http://www.mhnews-autism.org/back\\_issues/ASN-Spring2014.pdf](http://www.mhnews-autism.org/back_issues/ASN-Spring2014.pdf).

## II. PRESENTERS AT MEETINGS AND CONFERENCES

---

### **Kelly Imperial, M.S.**

#### ***Associate Director of Admissions and Development, Vocational Independence Program***

Imperial K. An overview of the NYIT VIP program. [Presentation.] Mary McDowell Friends School, Brooklyn, N.Y., Oct. 30, 2014.

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

Imperial K. The NYIT Vocational Independence Program and postsecondary options. [Presentation.] Newmark High School, Scotch Plains, N.J., Nov. 13, 2014.

Imperial K. The NYIT VIP and I-to-I programs for students with learning differences. [Presentation.] Katharine Thomas School, Washington, D.C., Nov. 19, 2014.

Imperial K. An overview of the NYIT VIP program. [Presentation.] Rockland County Board of Cooperative Educational Services (BOCES), College and Career Day, West Nyack, N.Y., Dec. 17, 2014.

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

#### ***Associate Dean and Executive Director, Vocational Independence Program***

VanBergeijk E.O. Job interviewing techniques for individuals on the autism spectrum. [Presentation.] Simons Foundation, Felicity House, Ladies on the Spectrum Program, New York, N.Y., Jan. 16, 2014.

VanBergeijk E.O. Taking perceived risks and finding your passion in the field of social work. [Presentation.] Columbia School of Social Work, Career Mentoring Day, New York, N.Y., Feb. 12, 2014.

VanBergeijk E.O. Funding for postsecondary transition services. [Presentation.] Autism New Jersey 2014 Transition Conference, Clark, N.J., Apr. 4, 2014;  
[http://www.autismnj.org/transition\\_conference\\_program](http://www.autismnj.org/transition_conference_program).

VanBergeijk E.O. College independence program. [Presentation.] Thinking Positive About the Future Conference, NYU Langone Medical Center, New York, N.Y., May 23, 2014.

VanBergeijk E.O. Transitioning students with disabilities to college and post-secondary life. [Panel Discussion.] Legacy High School, Roosevelt Island, New York, N.Y., Nov. 3, 2014.

VanBergeijk E.O. Transitioning young adults on the autism spectrum to post-secondary life. [Presentation.] Bay State Medical Center, Behavioral Health Services Psychiatry Grand Rounds, Springfield, M.A., Dec. 2, 2014.



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---

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Friedman S., Guiliano E., Humpherys A., McKnight N., Timko M. (Editors.) *Dickens Studies Annual: Essays on Victorian Fiction*, Volume 45. New York, N.Y.: AMS Press, Inc., 2014.

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Shoureshi R.A., Aasted C.M. Fluctuations in frequency composition of neural activity observed by portable brain intention detection device. *Advances in Science and Technology* 2014; 96: 89-94; DOI: 10.4028/www.scientific.net/AST.96.89.

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Al-Douri T.A. The living fabric: on the necessity of metaphor in finding the city past the sensible.  
[Invited Paper.] InterSymp 2014: 26th International Conference on Systems Research,  
Informatics and Cybernetics, Baden-Baden, Germany, Aug. 4-9, 2014;  
[http://www.ias.edu/pdf\\_14/conf\\_program/08052014\\_art\\_and\\_science\\_1.pdf](http://www.ias.edu/pdf_14/conf_program/08052014_art_and_science_1.pdf).

Al-Douri T.A. A suspended vision: reading of Maurice Merleau-Ponty's "Eye and Mind".  
[Invited Paper.] InterSymp 2014: 26th International Conference on Systems Research,  
Informatics and Cybernetics, Baden-Baden, Germany, Aug. 4-9, 2014;  
[http://www.ias.edu/pdf\\_14/cfp\\_architecture\\_2014.pdf](http://www.ias.edu/pdf_14/cfp_architecture_2014.pdf).

### **III. GRANT RECIPIENTS – EXTERNALLY SPONSORED**

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Bio-Inspired Intelligent Sensing Materials for Fly-By-Feel Autonomous Vehicle. U.S. Department of Defense, Multidisciplinary University Research Initiative (MURI)/Air Force Office of Scientific Research/Stanford University; Subaward No. 60051765-44895-F.

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