



**NEW YORK INSTITUTE  
OF TECHNOLOGY**

# 18th Annual Faculty Scholars Reception

NYIT de Seversky Mansion  
Thursday, April 11, 2019

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

Do.  
Make.  
Innovate.  
Reinvent the Future.

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

# Co-Conveners

Hank Foley, Ph.D.

*President, New York Institute of Technology*

Junius Gonzales, M.D., M.B.A.

*Provost & Vice President of Academic Affairs, NYIT*

Lou Reinisch, Ph.D.

*Associate Provost, Academic Affairs*

Jerry R. Balentine, D.O., FACEP

*Dean, College of Osteopathic Medicine, and Vice President,  
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Allison Andors, Ph.D.

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

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# Foreword



New York Institute of Technology is the home of doers, makers, and innovators. At NYIT, we ready our graduates to reinvent the future. This is achieved in large part through participation in faculty research and scholarship. Recognizing the outstanding creative achievements of our faculty is a critical component of building our academic culture. Through these achievements, we take inspiration and pride in New York Tech.

The first part of our mission is to provide a career-oriented professional education and to give all qualified students access to opportunity. As a “polytechnic-plus” university, the second part of the mission is to contribute scholarship and research across a wide range of fields. Within the next decade, our goal is for NYIT to become one of the most significant academic, scientific, and economic higher education assets to the City of New York, the region, and the state. This will be accomplished through the exceptional work of our faculty as they integrate their research and scholarship with their teaching. Great learning and research experiences go together; they are synergistic and always have been. Let’s offer our students a premier experience, and let them join us in the discovery of knowledge.

My congratulations to the nearly 190 scholars, scientists, professionals, and researchers whose work is being highlighted at the 18th Annual Faculty Scholars Reception.

And “thank yous” are in order for the entire New York Tech community because everyone contributes to this success!

Sincerely,

A handwritten signature in black ink that reads "Hank Foley". The signature is written in a cursive, flowing style.

Hank Foley, Ph.D.

*President, New York Institute of Technology*



# Foreword



Congratulations to each and every one of you represented in the 2019 Faculty Scholars Reception.

Your excellent work makes contributions in so many ways, including by impacting students, staff, your colleagues, NYIT as a whole, and the public. Sharing your scholarship broadly, in addition to with our community, will benefit many who seek new knowledge and have a desire to learn new things. All of your research and scholarly efforts have required creativity and innovative thinking. The work presented at this event can foster new relationships, new ways of viewing the work, and new questions! The depth and breadth of the work here is truly astounding, and demonstrates NYIT's reach. You all represent the institute so well.

As Maya Angelou wrote, "You can't use up creativity. The more you use, the more you have." Personally, I can't wait to see more from all of you after today. Kudos to you all!

Sincerely,

A handwritten signature in black ink that reads "Junius Gonzales". The signature is written in a cursive, flowing style.

Junius Gonzales, M.D., M.B.A.  
*Provost & Vice President of Academic Affairs*

# Foreword



Welcome to this year's Faculty Scholars Reception.

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

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Lou Reinisch". The signature is written in a cursive, flowing style.

Lou Reinisch, Ph.D.

*Associate Provost, Academic Affairs*

# Foreword



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

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

**Jerry Balentine, D.O., FACEP**  
*Dean, College of Osteopathic Medicine, and Vice President,  
Health Sciences and Medical Affairs*



# Foreword



This compendium of scholarly and creative accomplishments by New York Institute of Technology faculty members samples the extraordinary range and depth of intellectual activity on NYIT's campuses, much of it grant-supported. As a research administrator who has been privileged to work with a goodly number of NYIT faculty over the years, I have seen firsthand their hard work and dedication, for which we honor them as Faculty Scholars today.

Such accomplishments as these can only take place in an environment in which free inquiry is valued and protected as a bedrock principle of our democracy. At NYIT, our faculty, as members of a learned profession, are entitled to full freedom in research and in the publication of results. In exercising that freedom, they promote learning and scholarship and bring credit to themselves and to all of us at NYIT.

The freedoms of which I write are enshrined in the First Amendment of the U.S. Constitution and in the policies of institutions of higher education, both public and private. They are not universal, however, nor are they universally respected where they exist on the books. Only a few days ago, the President of the United States issued an executive order<sup>1</sup> linking grants and certain other funds for higher education to how colleges and universities enforce the right to free inquiry on their campuses.

Whether this action promotes free inquiry or stifles it remains to be seen. The moral, perhaps, is that nothing in higher education can be taken for granted—not academic freedom and certainly not grants.

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

Allison Andors, Ph.D.

*Assistant Provost and Senior Director, Grants*

<sup>1</sup>“Executive Order on Improving Free Inquiry, Transparency, and Accountability at Colleges and Universities”; <https://www.whitehouse.gov/presidential-actions/>. Issued on March 21, 2019.

“I am enough of the artist to draw freely upon my imagination. Imagination is more important than knowledge. Knowledge is limited. Imagination encircles the world.”

—Albert Einstein\*

\*“What Life Means to Einstein: An Interview by George Sylvester Viereck”. The Saturday Evening Post, October 26, 1929; p. 117.

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# College of Arts and Sciences

# I. Authors

## Lissi Athanasiou-Krikelis, Ph.D.

*Assistant Professor, English*

Athanasiou-Krikelis L. (2018). Authority and power: The peculiar case of Ignatius and other picturebooks by Eugene Trivias. *Bookbird: A Journal of International Children's Literature*, 56(2), 43–51.

Athanasiou-Krikelis L. (2018). Defining children's metafiction: Authorship and readership in Emily Gravett's picturebooks. *The Lion and the Unicorn*, 42(1), 1–19.

## Susana H. Case, Ph.D.

Professor and Manhattan Program Coordinator, BES

Case S.H. (2018). *Erasure, Syria*. Troy, N.Y.: Recto y Verso Editions.

## Elizabeth J. Donaldson, Ph.D.

*Associate Professor, English*

Donaldson E.J. (Ed.). (2018). *Literatures of Madness: Disability Studies and Mental Health*. Editor and author of introduction, *Breathing in Airless Spaces* and chapter 7, *The Snake Pit: Mary Jane Ward's Asylum Fiction and Mental Health Advocacy*. New York: Palgrave Macmillan.

## Claude E. Gagna, Ph.D.

*Associate Professor, Life Sciences*

Kim H.J., Singh P., John A.M., Jasterzbski T., Lambert W.C., Lambert M.W., & Gagna C.E. (2018). Tinea (Pityriasis) Obscurans: Don't ignore the spore! *Skinmed*, 16(4), 255–257. Retrieved from <https://skinmedjournal.com/2018-issues/>

Lambert W.C., Lambert M.W., Ring C.M., Gagna C.E., Espinal-Mariotte J.D., & Schwartz R.A. (2018). How sildenafil (Viagra) may cause melanoma: A histopathologic study providing a potential physiological/etiological mechanism. *Journal of the European Academy of Dermatology and Venereology*, 32(5): e202–204. Doi: 10.1111/jdv.14723.

## Michael Gamble, Ph.D.

*Professor, English*

Gamble T.K., & Gamble M. (2018). *The Public Speaking Playbook* (2nd ed.). California: Sage Publications Inc.



## Bryan Gibb, Ph.D.

*Assistant Professor, Life Sciences*

Kaniecki K., De Tullio L., Gibb B., Kwon Y., Sung P., & Greene E.C. (2017). Dissociation of Rad51 presynaptic complexes and heteroduplex DNA joints by tandem assemblies of Srs2. *Cell Rep*, 21(11), 3166–3177. Doi: 10.1016/j.celrep.2017.11.047.

## Amanda Golden, Ph.D.

*Assistant Professor, English*

Golden A. (Ed.). (2018). *This business of words: Reassessing Anne Sexton (paperback)*. Gainesville, Fla. University Press of Florida.

Golden A., & Laity C. (2018). Introduction: Feminist modernist digital humanities. *Feminist Modernist Studies*, 1(3), 205–210. Doi: 10.1080/24692921.2018.1503786.

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## Jonathan Goldman, Ph.D.

*Associate Professor, English*

Goldman J. (2018). [Co-producer, co-composer/arranger, bandleader and trumpet player]. Spanglish Fly- *Ay Que Boogaloo!* [Digital]. New York: Chaco World Music Label (Recorded November 2016–January 2017; Released February 16, 2018). Retrieved from [www.spanglishfly.com](http://www.spanglishfly.com). Or <https://itunes.apple.com/us/album/ay-que-boogaloo/1342847371>.

## Joanne Grasso, D.A.

*Adjunct Associate Professor, Social Sciences*

Grasso J. (2018). *George Washington's 1790 Grand Tour of Long Island*. Charleston, S.C.: The History Press.

## Michael Hadjiargyrou, Ph.D.

*Professor, Life Sciences*

Carias E., Hamilton J., Robison L.S., Delis F., Eiden R., Quattrin T., Hadjiargyrou M., Komatsu D., & Thanos P.K. (2018). Chronic oral metylphenidate treatment increases microglial activation in rats. *Journal of Neural Transmission*, 125(12), 1867–1875. Doi: 10.1007/s00702-018-1931-z.

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## John Hanc, M.A.

*Associate Professor, Communication Arts*

Hanc J. (2018, February 28). You can't be afraid of the tech. *New York Times*. Retrieved from [www.nytimes.com/2018/02/28/business/retirement/tech-second-careers.html](http://www.nytimes.com/2018/02/28/business/retirement/tech-second-careers.html)

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Hanc J. (2018, April 5). Building skills outside the classroom with new ways of learning. *New York Times*. Retrieved from <https://www.nytimes.com/2018/04/05/education/learning/project-based-learning.html>

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## Larry Jaffee, M.A.

*Adjunct Assistant Professor, Communication Arts*

Gale C. (2018, December 4). [Quoted in] Making Vinyl Event Expands Offerings, Audience. *Professional Convention Management Association*. Retrieved from <https://www.pcma.org/making-vinyl-event-expands-records-rebirth/>

Graff G. (2018, October 1). [Interview with Larry Jaffee]. Old Format, New Records: Making Vinyl 2018 Preview. *Billboard*. Retrieved from <https://www.billboard.com/articles/news/8477356/making-vinyl-conference-2018-preview>

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## Kevin LaGrandeur, Ph.D.

*Professor, English*

LaGrandeur K. (2018). Art and the posthuman. In Bess M. & Pasulka D.W. (Eds.), *Posthumanism: The Future of Homo Sapiens*, Chapter 30, 377-388. Macmillan Reference USA.

LaGrandeur K. (2018). [Book Review of] Nietzsche and transhumanism: Precursor or enemy? In Tuncel Y. (Ed.), *The Agonist: A Nietzsche Circle Journal*, 11, 2, 113–117.

LaGrandeur K. (2018). Frankenstein, young and old: An interview with Mel Brooks. In Perkowitz S., & E. Von Mueller (Eds.), *Frankenstein: How a Monster Became an Icon: The Science and Enduring Allure of Mary Shelley's Creation*, Chapter 6, 84–104. New York: Pegasus Books Ltd.

LaGrandeur K. (2018). The future of humanity: The story of an intimate techno-relationship. *Making Weconomy: Collaborative Enterprise Magazine*, 12. Retrieved from [https://www.weconomy.it/focus/item/il-futuro-dell-umanita?category\\_id=27](https://www.weconomy.it/focus/item/il-futuro-dell-umanita?category_id=27)

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LaGrandeur K. (2018). [Interviewed in] Return of the machine age. Klawitter, S., & Klawitter G., Interviewers, *Next.pwc.de*. Retrieved from <https://next.pwc.de/2018-03/rueckkehr-des-maschinenzeitalters.html>

## John Misak, D.A.

*Assistant Professor, English*

Misak J. (2018). A (virtual) bridge not too far: Teaching narrative sense of place with virtual reality. *Computers and Composition*, 50, 39–52. Available from <https://doi.org/10.1016/j.compcom.2018.07.007>

## Niharika Nath, Ph.D.

*Professor, Life Sciences*

Bhowmik M.K., Roy S.D., Dutta A., & Nath N. (2018). Nucleus region segmentation towards cervical cancer screening using AGMC-TU pap-smear dataset. *Proceedings of the International Conference on Pattern Recognition and Artificial Intelligence*, 44–53. Doi: 10.1145/3243250.3243258.

Majumdar P., Das K., Nath N., & Bhowmik M.K. (2018). Detection of inflammation from temperature profile using arthritis knee joint datasets. *Proceedings of the 2018 IEEE International Conference on Healthcare Informatics*, 409–411. Doi: 10.1109/ICHI.2018.00077.

## James Wyckoff, D.H.A., APR

*Adjunct Assistant Professor, Communication Arts*

Wyckoff J. (2018). Knowledge capital and information hospital trustees need. *International Journal of Humanities and Social Science Review*, 4(5), 1–7. Retrieved from <http://www.ijhssrnet.com/vol-4-no-5-november-2018/>

## II. Presenters at Meetings and Conferences

Lissi Athanasiou-Krikelis, Ph.D.

*Assistant Professor, English*

Athanasiou-Krikelis L. (2018, January). *The child reading: Children's fiction in Greece*. Presentation at the Modern Language Association, New York City.

Athanasiou-Krikelis L. (2018, June). *Mapping the metafictional picturebook*. Presentation at the Children's Literature Association Conference, St. Antonio, Texas.

Athanasiou-Krikelis L. (2018, September). *Metafictional synergy of text and illustrations*. Presentation at the Synergy and Contradiction: How Picturebooks and Picture Books Work Conference, Cambridge, England.

Elizabeth J. Donaldson, Ph.D.

*Associate Professor, English*

Donaldson E.J. (2018, January). *Disability, dependency, and feminist ethics of care in S. Weir Mitchell's fiction*. Paper presented at the Modern Language Association (MLA) Annual Convention, New York City. [www.mla.org](http://www.mla.org)

Donaldson E.J. (2018, January). *Psychosis blues: Distributed cognition, collaborative media, and schizophrenia*. Paper presented at the Modern Language Association (MLA) Annual Convention, New York City. [www.mla.org](http://www.mla.org)

Donaldson E.J. (2018, October). *Psychiatric disability and the second wave: The mad writing of Shulamith Firestone and Kate Millett*. Speaker at the CUNY Graduate Center, New York City. Co-sponsored by the CUNY Doctoral Program in Music, the Futures Initiative, the CUNY Disability Scholars, and CUNY's Master's Program in Disability Studies.

Donaldson E.J. (2018, November). *Airless spaces: Schizophrenia and the relations of narrative production*. Paper presented at the Society for Science, Literature, and the Arts (SLSA) Annual conference, Toronto, Ontario. <https://litsciarts.org/slsa18/wp-content/uploads/2018/11/SLSA-schedule-final.pdf>

## Claude E. Gagna, Ph.D.

*Associate Professor, Life Sciences*

Gagna C.E., Gupta M.R., Haidery A.E., Mughal U.R., Beague T.E., & Pillay A.E. (2018, April). *Relationship between nucleic acid structures and sequences on the expression of terminal differentiation (i.e. denucleation): alternative cell death pathway*. Abstract presented at the American Society for Biochemistry and Molecular Biology Annual Meeting, San Diego, Calif., *Federation of American Societies for Experimental Biology (FASEB)*, 32 (1): Ib10, 8022.

Gagna C.E. (2018, November). *Prototype development of alternative, canonical and multistranded DNA microarrays: Improvement of the drug discovery process for Z-DNA microarray prototypes*. Poster presented at the Arrayit Corporation Annual Review, Sunnyvale, Calif. [www.arrayit.com](http://www.arrayit.com)

Gagna C.E., Sattar A., Haidery A., Gupta M., DeOcampo F., Malhotra A., Khwajal Z., & Ahsan M. (2018, December). *Left-handed double-stranded Z-DNA Microarrays*. Abstract presented at the American Society for Cell Biology Annual Meeting, San Diego, Calif.; *Molecular Biology of the Cell*, 29 (26), P1882, Board # B51, Monday-39. [www.ascb.org](http://www.ascb.org)

## Bryan Gibb, Ph.D.

*Assistant Professor, Life Sciences*

Gibb B., Ma C.J., Ye L., & Greene E.C. (2018, June). *Single molecule studies of DNA double-strand break repair*. Poster presented at the American Society for Microbiology (ASM Microbe 2018), Georgia World Congress Center, Atlanta, Ga.

Davis L.J., Kaur L., Weiss B., & Gibb B. (2018, October). *There are bacteriophages in your kitchen sponge*. Poster presented at the 51st Annual Metropolitan Association of College and University Biologists Conference, Queensborough Community College, Bayside, N.Y. Awarded first prize in category.

## Amanda Golden, Ph.D.

*Assistant Professor, English*

Golden A. (2018, January). *Plath editing, annotating, and teaching*. Presentation at Smith College, Northampton, Mass.

Golden A. (2018, January). *Plath revising and publishing*. Presentation at Smith College, Northampton, Mass.

Golden A. (2018, November). *Anne Sexton Event with Amanda Golden, Deirdre Coyle, Briallen Hopper, and Jeanne Marie Beaumont*. Paperback launch of *This Business of Words: Reassessing Anne Sexton*. Berl's Brooklyn Poetry Shop, New York City. <http://www.berlspoetry.com/events/2018/11/28/zqwetu232u8nblpa22ffvybbpri9a1?fbclid=IwAR1SdvYDQtBc9bVQoSScxizk6LzgB7AG-XcSrTSN8IyuwTGF2OnPltxVK9w>

Golden A. (2018, November). *The New Yorker Network*. Presentation at the Modernist Studies Association Conference, Columbus, Ohio.

## Jonathan Goldman, Ph.D.

*Associate Professor, English*

Goldman J. (2018, January). *The Age of Innocence, the Lusk Map, and Babe Ruth: Archiving the move from Boston to New York, 1920*. Roundtable participant at the Modern Language Association Convention, New York City. <https://www.agoldenphd.com/news-and-events/mla-2018-roundtable-new-york-as-text-bibliographies-and-geographies>.

Goldman J. (2018, February 5). *Joyce and the Law: Jonathan Goldman in Conversation with Terence Killeen*. Presentation at the James Joyce Centre, Dublin, Ireland. <https://jjq.utulsa.edu/summer-lectur-series/>

Goldman J. (2018, April 20). *Global Mashup # 1: Latin Boogaloo Meets Afrobeat*. Bandleader and trumpet player at Flushing Town Hall, Flushing N.Y. <http://www.flushingtownhall.org/event/485d3426af2995841c653c1246fc4a6d>

Goldman J. (2018, August 16). *New Sounds and Soundcheck*. Bandleader and trumpet player at New York Public Radio (WNYC) “Live in Studio” with Host John Schaeffer. Download audio from <https://www.newsounds.org/story/nyc-based-spanglish-fly-leads-boogaloo-revival/>

Goldman J. (2018, October 8). *We Like It Like That: The Story of Latin Boogaloo*. Organizer and moderator of the documentary screening and panel discussion, NYIT Auditorium on Broadway, New York City.

Goldman J. (2018, November 1). *Revelry: Spanglish Fly*. Bandleader and trumpet player at Symphony Space, Leonard Nimoy Thalia Theatre, New York City. <https://www.symphonyspace.org/events/music-spanglish-fly>

Goldman J. (2018, November 26). *Spanglish Fly*. Bandleader and trumpet player at Lincoln Square Winter’s Eve Festival, Dante Park Main Stage, New York City. <https://www.winterseve.nyc/spanglish-fly>

## John Hanc, M.A.

*Associate Professor, Communication Arts*

Lewis H., Hanc J., Reid R., & Gonzalez L. (2018, May). *Writing Their Wrongs: Educator Survey Results on Effective Grading Methods for Journalism Students*. Panel Member at the International Conference for Literary Journalism Studies, Austrian Academy of Sciences, Vienna, Austria.

## Larry Jaffee, M.A.

*Adjunct Assistant Professor, Communication Arts*

Jaffee L. (2018, March). *Put A Muzzle On It; Not This Time*. Presentation at the College Media Association, Marriott Marquis, New York City. <https://collegemedia.org>

Jaffee L. (2018, October). *Bootlegs Are Back – How Pressing Plants can avoid making unauthorized records*. Panel discussion at the Making Vinyl Conference, Detroit, Mich. <https://makingvinyl.com/>

Jaffee L. (2018, November). *Establishing Relationships Between PR and Journalism*. Panelist at the Fair Media Council Conference. Garden City, N.Y. <https://fairmediacouncil.org>

## Kevin LaGrandeur, Ph.D.

*Professor, English*

LaGrandeur K. (2018, March 28). *Is Artificial Intelligence Something We Should Worry About?* Radio Interview and podcast, The Mason Vera Paine Show, WGN Radio, Chicago. Retrieved from <https://wgnradio.com/2018/03/28/is-artificial-intelligence-something-we-should-worry-about/>

LaGrandeur K. (2018, July 12). *Artificial Intelligence: Potential and Risk*. Keynote Speaker at the Future of Artificial Intelligence Conference, Inter-American Development Bank, Buenos Aires, Argentina.

LaGrandeur K. (2018, November). *Out of (Shakespeare's) mind and into the classroom: Our augmented reality App for teaching Hamlet*. Co-presenter at the 32nd Annual Conference of the Society for Literature, Science and the Arts, Toronto, Canada. <http://litsciarts.org/slsa18/wp-content/uploads/2018/11/SLSA-schedule-final.pdf>

## John Misak, D.A.

*Assistant Professor, English*

Misak J. (2018, November). *Not just words, words, words: Using AR to illustrate the context behind the text of Hamlet*. Presentation at the Pacific Ancient and Modern Language Association 116th Annual Conference, Bellingham, Wash. <https://www.pamla.org/2018/schedule/abstracts>

Misak J. (2018, November). *Out of (Shakespeare's) mind and into the classroom: Our augmented reality App for teaching Hamlet*. Co-presenter at the 32nd Annual Conference of the Society for Literature, Science and the Arts, Toronto, Canada. <http://litsciarts.org/slsa18/wp-content/uploads/2018/11/SLSA-schedule-final.pdf>

## Niharika Nath, Ph.D.

*Professor, Life Sciences*

Bhowmik M.K., Roy S.D., Dutta A., & Nath N. (2018, August). *Nucleus region segmentation towards cervical cancer screening using AGMC-TU pap-smear dataset*. Paper presented at the International Conference on Pattern Recognition and Artificial Intelligence, Union, N.J. In *Proceedings of the International Conference on Pattern Recognition and Artificial Intelligence*, 44–53. Doi: 10.1145/3243250.3243258.

Majumdar P., Das K., Nath N., & Bhowmik M.K. (2018, June). *Detection of inflammation from temperature profile using arthritis knee joint datasets*. Paper presented at the 2018 IEEE International Conference on Healthcare Informatics (ICHI), New York City. In *Proceedings of the 2018 IEEE International Conference on Healthcare Informatics*, 409–411. Doi: 10.1109/ICHI.2018.00077.

## III. Honorees and Awardees

Claude E. Gagna, Ph.D.

*Associate Professor, Life Sciences*

***Certificate of Registration (U.S. Copyright Publication).***

Title of Registration: Two Dimensional drawings of Intact, Unaltered, Non-Denatured Next Generation Canonical, Alternative and Multi-Stranded DNA and RNA Microarrays (Semi-Free Floating Partially Immobilized Nucleic Acids, Fully Immobilized Nucleic Acids, and Free-Floating Partially Immobilized Nucleic Acids), and Nucleic Acid Sequence/Structural Development of DNA and RNA Microarrays. Registration Number: VAu 1-329-485. Effective Date of Registration: April 22, 2018. Year of Completion 2018. Service Request Number: 1-6515406402. <https://cocatalog.loc.gov>

Bryan Gibb, Ph.D.

*Assistant Professor, Life Sciences*

***Awarded first prize in category.*** Davis L.J., Kaur L., Weiss B., Gibb B. (2018, October). *There are bacteriophages in your kitchen sponge*. Poster presented at the 51st Annual Metropolitan Association of College and University Biologists Conference, Queensborough Community College, Bayside, N.Y.

Jonathan Goldman, Ph.D.

*Associate Professor, English*

***Composed*** the song ***Boogaloo Shoes*** which was featured by NPR music in their article, Alt.Latino's 12 Favorite Latin Songs of 2018 (So Far). *NPR.com*. June 28, 2018. Retrieved from <https://www.npr.org/sections/latino/2018/06/28/623866253/alt-latino-12-favorite-latin-songs-of-2018-so-far>

Michael Hadjiargyrou, Ph.D.

*Professor, Life Sciences*

*Fellow, American Society for Bone and Mineral Research.*

Larry Jaffee, M.A.

*Adjunct Assistant Professor, Communication Arts*

***Conference Chairman/Creative Director*** "Making Vinyl," first B2B convention dedicated to the rebirth of the global vinyl manufacturing industry <http://makingvinyl.com>. Attracted nearly 400 attendees to second event at Westin Cadillac Hotel, Detroit, Mich. October 1–2, 2018.



Kevin LaGrandeur, Ph.D.

*Professor, English*

*Selected to develop* an Augmented Reality mobile application for teaching Shakespeare at the 2018 spring NSF Workshop: *Start Me Up Bootcamp* at Columbia University.

*Co-organizer*, Annual Posthuman Global Symposium, New York University, New York City.  
<http://www.posthumans.org/ny-posthuman-winter-summer-2018.html>

James Wyckoff, D.H.A., APR

*Adjunct Assistant Professor, Communication Arts*

**Editorial Advisory Board Member**, International Journal of Humanities and Social Science Review (IJHSSR). ISSN: 2415–1157 (online), ISSN: 2415–1335 (print).  
<http://www.ijhssrnet.com/>

## IV. Grant Recipients—Externally Sponsored

Claude E. Gagna, Ph.D.

*Associate Professor, Life Sciences*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter- and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

Amanda Golden, Ph.D.

*Assistant Professor, English*

2018 Tuition Scholarship, Digital Humanities Summer Institute.  
University of Victoria, B.C.

Michael Hadjiargyrou, Ph.D.

*Professor, Life Sciences*

The Role of Mustn1 in Cartilage Biology. National Institutes of Health. Academic Research Enhancement Award (Parent R15), Award No. 1 R15 HD092931-01.

## Shenglong Zhang, Ph.D.

*Assistant Professor, Life Sciences*

Development of LC/MS-Based Direct RNA Sequencing with Concomitant Basecalling and Modification Analysis Capability. National Institutes of Health. RFA-HG-15-031, Novel Nucleic Acid Sequencing Technology Development (R21). Award No.1 R21 HG009576-01. 4/10/2017–3/31/2020. Principal Investigator.

EAGER SitS: Autonomous Soil Nutrient Sensing System. Project period: September 15, 2018–August 31, 2020. National Science Foundation. Award no. 1841558. Co-Principal Investigator.

# V. Grant Recipients—Internally Sponsored

## Lissi Athanasiou-Krikelis, Ph.D.

*Assistant Professor, English*

National Identity and the Other in Children's Literature: The Case of Greece and Turkey. Principal Investigator. ISRC Grant.

## Nicholas Bloom, Ph.D.

*Professor, Social Sciences*

Building Resilient Communities. Principal Investigator. ISRC Grant.

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

R-CUBED: Relief x Reconstruction x Resiliency, Building Infrastructures with a Multidisciplinary Disaster Response Collective. Co-Principal Investigator. ISRC Grant.

## Matthew Cornelius, MSc.

*Art Media Technical Director, Digital Art and Design*

Bioinformed Structural Joint System Design: From Biological Morphologies to Variable Assemblies. Co-Principal Investigator. ISRC Grant.

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

## Andrew Costello, Ph.D.

*Assistant Professor, Behavioral Sciences*

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

Comparison of Simultaneous and Sequential Eyewitness Identification. Principal Investigator. ISRC Grant.

## Elizabeth J. Donaldson, Ph.D.

*Associate Professor, English*

Psychographics. Principal Investigator. ISRC Grant.

## Jole Fiorito, Ph.D.

*Assistant Professor, Life Sciences*

PDES/HAT Combination treatment for Alzheimer's Disease: A Proof of Concept Study. Principal Investigator. ISRC Grant.

## Claude E. Gagna, Ph.D.

*Associate Professor, Life Sciences*

Fabrication of Alternative (i.e., Z-DNA) and Multistranded (i.e., Quadruplex DNA), Next Generation Low Density Nucleic Acid Microarrays: Use of Chemical and Anti-Nucleic Acid Antibody Probes for Testing Functionality of Prototypes, and Creation of Biotechnology Startup Company. Principal Investigator. ISRC Grant.

Purchase Anti-DNA Antibodies as Probes to Prove Validity of Next Generation DNA Microarray Prototypes (Exotic DNA Structures): to Launch a Biotechnology Company-NYIT and Arrayit Corporation (NIH-STTR Grant). Principal Investigator. ISRC Grant.

## Bryan Gibb, Ph.D.

*Assistant Professor, Life Sciences*

Development of New Tools to Improve the Efficiency of Genome Engineering. Principal Investigator. ISRC Grant.

The Quest for Novel Antibiotics: Phage Therapy. Principal Investigator. ISRC Grant.

Understanding Bioluminescence: Custom Design of an Economical Growth Environment for Studying Bioluminescent Dinoflagellates. Principal Investigator. ISRC Grant.

## Amanda Golden, Ph.D.

*Assistant Professor, English*

Digital Global Literary Archives. Principal Investigator. ISRC Grant.

Editing the Archive: Poetry and Technology. Principal Investigator. ISRC Grant.

## Jonathan Goldman, Ph.D.

*Associate Professor, English*

Chapter about Tom Stoppard, Modernism and the Avant-Garde for Cambridge University Press Volume. Principal Investigator. ISRC Grant.

## Michael Hadjiargyrou, Ph.D.

*Professor, Life Sciences*

The role of Mustn1 in Cartilage Biology. Principal Investigator. ISRC Grant.

The Effects of a Siliconized Biodegradable 3D Scaffold on Osteoblast Behavior. Co-Principal Investigator. ISRC Grant.

## John Hanc, M.A.

*Associate Professor, Communication Arts*

Long Walk Out of the Woods: Memoir of Dr. Adam Hill. Principal Investigator. ISRC Grant.

## Ellen Katz, Ph.D.

*Associate Professor and Chairperson, Social Sciences*

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

## Kevin LaGrandeur, Ph.D.

*Professor, English*

Development of an Augmented Reality Application for Learning Hamlet. Co-Principal Investigator. TLT Grant.

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

## John Misak, D.A.

*Assistant Professor, English*

Development of an Augmented Reality Application for Learning Hamlet. Principal Investigator. TLT Grant.

## Niharika Nath, Ph.D.

*Professor, Life Sciences*

Computer Aided Detection of Cancer Cells in Early Stage Breast Cancer. Principal Investigator. ISRC Grant.

Integration of Computerized Assessment to Evaluate the Curriculum Continuously and Improve Learning Outcome in Introductory and Intermediate courses of Life Science/Bio Majors. Principal Investigator. TLT Grant.

## Eleni Nikitopoulos, D.V.M., Ph.D.

*Assistant Professor and Associate Dean, Life Sciences*

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

## Navin Pokala, Ph.D.

*Assistant Professor, Life Sciences*

Biological Mechanisms of Choice and Decision-Making. Principal Investigator. ISRC Grant.

Development of a Synthetic Neurotransmission System. Principal Investigator. ISRC Grant.

Development of New Tools to Improve the Efficiency of Genome Engineering. Co-Principal Investigator. ISRC Grant.

## Robert Smith, M.F.A.

*Associate Professor, Digital Art and Design*

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

## Dena Winokur, Ph.D.

*Associate Professor, Communication Arts*

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

## Roger Yu, Ph.D.

*Professor and Dean Emeritus, Interim Chair, Physics*

An Innovative Way of Engaging Students in STEM Courses using their Smart Phones. Principal Investigator. TLT Grant.

## Shenglong Zhang, Ph.D.

*Assistant Professor, Life Sciences*

Direct and De Novo Sequencing of RNA with Concomitant Base-Calling and Modification Analysis Capability. Principal Investigator. ISRC Grant.



“One child, one  
teacher, one book,  
one pen can  
change the world.”

— Malala Yousafzai

# College of Osteopathic Medicine

# I. Authors

## Kurt Amsler, Ph.D.

*Associate Dean and Professor, Research*

Bilal S., Jaggi S., Janosevic D., Shah N., Teymour S., Voronina A., Watari J., Axis J., & Amsler K. (2018). ZO-1 Protein is required for hydrogen peroxide to increase MDCK Cell Paracellular permeability in an ERK  $\frac{1}{2}$  -dependent manner. *American Journal of Physiology-Cell Physiology*, 1–28. Doi: 10.1152/ajpcell.00185.2017.

## Jerry Balentine, D.O., FACEP

*Dean, College of Osteopathic Medicine, and Vice President, Health Sciences, and Medical Affairs*

Balentine J.R. (2018, September 4). Malaria. (Davis C.P., editor). *MedicineNet*. Retrieved from [https://www.medicinenet.com/malaria\\_facts/article.htm](https://www.medicinenet.com/malaria_facts/article.htm).

Balentine J.R. (2018, October 17). Finger Dislocation. (Shiel W.C., editor). *eMedicineHealth*. Retrieved from [https://www.emedicinehealth.com/finger\\_dislocation/article\\_em.htm](https://www.emedicinehealth.com/finger_dislocation/article_em.htm).

Balentine J.R. (2018, May 18). Non-Hodgkin's Lymphoma. (Stöppler M.C., editor). *MedicineNet*. Retrieved from [https://www.medicinenet.com/non-hodgkins\\_lymphomas/article.htm#what\\_is\\_the\\_latest\\_research\\_on\\_non-hodgkin#39s\\_lymphoma](https://www.medicinenet.com/non-hodgkins_lymphomas/article.htm#what_is_the_latest_research_on_non-hodgkin#39s_lymphoma).

DiFrancisco-Donoghue J., & Balentine J.R. (2018). Collegiate eSport: Where do we fit in? *Current Sports Medicine Reports*, 17(4), 117–118. Doi:10.1249/JSR.0000000000000477.

DiFrancisco-Donoghue J., Jung M-K., Stangle A., Werner W.G., Zwibel H., Happel P., & Balentine J. (2018). Utilizing wearable technology to increase physical activity in future physicians: A randomized trial. *Preventive Medicine Reports*, 12, 122–127. Doi:10.1016/j.pmedr.2018.09.004.

## Brian L. Beatty, Ph.D.

*Associate Professor, Anatomy*

Churchill M., Geisler J.H., Beatty B.L., & Goswami A. (2018). Evolution of cranial telescoping in echolocating whales (Cetacea: Odontoceti). *Evolution*, 72, 1092–1108. Doi:10.1111/evo.13480.

Churchill M., Miguel J., Beatty B.L., Goswami A., & Geisler J.H. (Epub 2018). Asymmetry drives modularity of the skull in the common dolphin (*Delphinus delphis*). *Biological Journal of the Linnean Society*, 126(2), (2019), 225–239. Doi: 10.1093/biolinnean/bly190.

Matsui K., Kimura Y., Nagata M., Inose H., Ikeda K., Beatty B.L., Hirata T., Shinmura T., Agematsu S., & Sashida K. (2018). A long-forgotten 'dinosaur' bone from a museum cabinet, uncovered to be a Japan's iconic extinct mammal. *Paleoparadoxia (Desmostylia, Mammalia) Royal Society Open Science*, 5, 172441. Doi: 10.1098/rsos.172441.

## William Blazey, D.O.

*Associate Professor, Family Medicine and Assistant Dean, Preclinical Education*

Krishnamachari B., Rehman M., Cohn J.E., Chan V., Modi N., Leitner O., Tangney K., O'Connor A., Blazey W., Koehler S., & Tegay D. (2018). Video education on hereditary breast and ovarian cancer (HBOC) for physicians: An interventional study. *Journal of Cancer Education*, 33(6), 1213–1221. Doi: 10.1007/s13187-017-1233-4.

## Jason M. Bourke, Ph.D.

*Assistant Professor, Basic Sciences, NYITCOM at A-State*

Wroe S., Parr W.C.H., Ledogar J.A., Bourke J., Evans S.P., Fiorenza L., Benazzi S., Hublin J.-J., Stringer C., Kullmer O., Curry M., Rae T.C., & Yokley T.R. (2018). Computer simulations show that Neanderthal facial morphology represents adaptation to cold and high energy demands, but not heavy biting. *Proceedings of the Royal Society B*, 285:20180085. Doi: 10.1098/rspb.2018.0085.

Bourke J.M., Porter W.R., & Witmer L.M. (2018). Convoluted nasal passages function as efficient heat exchangers in ankylosaurs (Dinosauria: Ornithischia: Thyreophora). *PLOS ONE*, 13(12):e0207381. Doi: 10.1371/journal.pone.0207381.

## Maria A. Carrillo-Sepulveda, B.S.N., Ph.D.

*Assistant Professor, Biomedical Sciences*

Kramer B., Franca L.M., Zhang Y., Paes A.M.-A., Gerdes A.M., & Carrillo-Sepulveda M.A. (2018). Western diet triggers Toll-like receptor 4 (TLR4) signaling-induced endothelial dysfunction in female Wistar rats. *American Journal of Physiology Heart and Circulatory Physiology*, 315: H1735-H1735. Doi: 10.1152/ajpheart.00218.2018.

Polce S.A., Burke C., Franca L.M., Kramer B., Paes A.M.-A., & Carrillo-Sepulveda M.A. (2018). Ellagic acid alleviates hepatic oxidative stress and insulin resistance in diabetic female rats. *Nutrients*, 10, 531. Doi: 10.3390/nu10050531.

Vargas E., & Carrillo-Sepulveda M.A. (2018). Biochemistry, insulin, metabolic effects. *StatPearls*. StatPearls Publishing, Treasure Island (FL). Retrieved from <https://www.ncbi.nlm.nih.gov/books/NBK525983/?report=printable>.

Zhang K., Tang Y.D., Zhang Y., Ojamaa K., Li Y., Saini A.S., Carrillo-Sepulveda M.A., Rajagopalan V., & Gerdes A.M. (2018). Comparison of therapeutic triiodothyronine versus metoprolol in the treatment of myocardial infarction in rats. *Thyroid*, 28(6), 799–810. Doi: 10.1089/thy.2017.0544.

## Thomas Chan, D.O.

*Assistant Professor and Chairperson, Clinical Sciences*

Koutsouras G.W., Levine K., Duroseau N., Ciraco C., Chan V., Pergament K., Chan T., Mancini J.D., Leder A.N., & Krishnamachari B. (2018). Effects of depression and exercise on health-related quality of life in patients with Parkinson's disease. *Chronic Illness*, Sep 5: 1742395318796166. Doi: 10.1177/1742395318796166.

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

*Assistant Professor and Director, Clinical Research*

DiFrancisco-Donoghue J., & Balentine J.R. (2018). Collegiate eSport: Where do we fit in? *Current Sports Medicine Reports*, 17(4), 117–118. Doi:10.1249/JSR.0000000000000477.

DiFrancisco-Donoghue J., Jung M-K., Stangle A., Werner W.G., Zwibel H., Happel P., & Balentine J. (2018). Utilizing wearable technology to increase physical activity in future physicians: A randomized trial. *Preventive Medicine Reports*, 12, 122–127. Doi:10.1016/j.pmedr.2018.09.004.

DiFrancisco-Donoghue J., Tuite S., Hassan S., Pineda J., Aksanov A., & Southard V. (2018). Are wrist worn activity trackers accurate in individuals with Parkinson's disease? *Alzheimers & Parkinsons Disease: Open Access*, 5(1), 1–8. Retrieved from <https://www.scireslit.com/Alzheimers/APDOA-ID18.pdf>

Douris P.C., Cogen Z., Fields H.T., Greco L.C., Hasley M.R., Machado C.M., Romagnuolo P.M., Stamboulis G., & DiFrancisco-Donoghue J. (2018). The effects of blood flow restriction on functional improvements in an active single subject with Parkinson Disease. *International Journal of Sports Physical Therapy*, 13(2), 247–254. Doi: 10.26603/ijsp20180247.

Southard V., Donoghue J., Belmonte J., Liboriero M., & Musa M. (2018). The effects of whole body periodic acceleration on non-motor symptoms in people with mild to moderate Parkinson's disease. *Journal of Advances in Medicine and Medical Research*, 27(3), 1–9. Doi: 10.9734/JAMMR/2018/43117.

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

*Associate Professor, Clinical Sciences*

Flaum T.B., & Ganatra L.B. (2018). Infective endocarditis. In Domino F.J. (Ed.), *The 5Minute Clinical Consult 2019*, 27th Edition. Philadelphia, Pa: Wolters Kluwer Health.

Flaum T.B., & Rusnack F. (2018). Postinfectious glomerulonephritis. In Domino F.J. (Ed.), *The 5Minute Clinical Consult 2019*, 27th Edition. Philadelphia, Pa: Wolters Kluwer Health.

## Jonathan H. Geisler, Ph.D.

*Associate Professor and Chairperson, Anatomy*

Boessenecker R.W., & Geisler J.H. (2018). New records of the archaic dolphin *Agorophius* (Mammalia: Cetacea) from the upper Oligocene Chandler Bridge Formation of South Carolina, USA. *PeerJ*, 6, e5290. Doi: 10.7717/peerj.5290.

Boessenecker S.J., Boessenecker R.W., & Geisler J.H. (2018). Youngest record of the extinct walrus *Ontocetus emmonsii* from the Early Pleistocene of South Carolina and a review of North Atlantic walrus biochronology. *Acta Palaeontologica Polonica* 2, 279–286. Doi: 10.4202/app.00454.2018.

Churchill M., Geisler J.H., Beatty B.L., & Goswami A. (2018). Evolution of cranial telescoping in echolocating whales (Cetacea: Odontoceti). *Evolution*, 72, 1092–1108. Doi: 10.1111/evo.13480.

Churchill M., Miguel J., Beatty B.L., Goswami A., & Geisler J.H. (Epub 2018). Asymmetry drives modularity of the skull in the common dolphin (*Delphinus delphis*). *Biological Journal of the Linnean Society*, 126 (2), (2019), 225–239. Doi: 10.1093/biolinnean/bly190.

Plummer M., Vasilyev A., Shaheen S., Geisler J., & Jung M. (2018). Pathology findings in medical school anatomy cadavers. *MedEdPublish*, 7(1), 7, 1–10. Doi: 10.15694/mep.2018.000007.1.

## A. Martin Gerdes, Ph.D.

*Professor and Chairperson, Biomedical Sciences*

Delfiner M.S., Nofi C., Li Y., Gerdes A.M., & Zhang Y. (2018). Failing hearts are more vulnerable to sympathetic, but not vagal stimulation-induced, atrial fibrillation-ameliorated with Dantrolene treatment. *Journal of Cardiac Failure*, 24(7), 460–469. Doi: 10.1016/j.cardfail.2018.05.008.

Kramer B., Franca L.M., Zhang Y., Paes A.M-A., Gerdes A.M., & Carrillo-Sepulveda M.A. (2018). Western diet triggers Toll-like receptor 4 (TLR4) signaling-induced endothelial dysfunction in female Wistar rats. *American Journal of Physiology Heart and Circulatory Physiology*, 315: H1735–H1735. Doi: 10.1152/ajpheart.00218.2018.

Wang W.Y., Zhang K., Zhao W., Gerdes A.M., Iervasi G., & Tang Y.D. (2018). Free triiodothyronine level correlates with statin responsiveness in acute myocardial infarction. *Journal of Geriatric Cardiology*, 15, 290–297. Doi: 10.11909/j.issn.1671–5411.2018.04.009.

Zhang K., Tang Y.D., Zhang Y., Ojamaa K., Li Y., Saini A.S., Carrillo-Sepulveda M.A., Rajagopalan V., & Gerdes A.M. (2018). Comparison of therapeutic triiodothyronine versus metoprolol in the treatment of myocardial infarction in rats. *Thyroid*, 28(6), 799–810. Doi: 10.1089/thy.2017.0544.

Zhang K., Wang W., Zhao S., Katz S.D., Iervasi G., Gerdes A.M., & Tang Y.D. (2018). Long-term prognostic value of combined free triiodothyronine and late gadolinium enhancement in nonischemic dilated cardiomyopathy. *Clinical Cardiology*, 41, 96–103. Doi: 10.1002/clc.22858.



## Patricia Happel, D.O.

*Associate Professor, Department of Family Medicine and Associate Medical Director*

DiFrancisco-Donoghue J., Jung M-K., Stangle A., Werner W.G., Zwibel H., Happel P., & Balentine J. (2018). Utilizing wearable technology to increase physical activity in future physicians: A randomized trial. *Preventive Medicine Reports*, 12, 122–127. Doi: 10.1016/j.pmedr.2018.09.004.

## Simone Hoffmann, Ph.D.

*Assistant Professor, Anatomy*

Hoffmann S., & Krause D.W. (2018). A 3D view of early mammals. *Nature*, 558, 32–33. Doi: 10.1038/d41586-018-05134-9.

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## Min-Kyung Jung, Ph.D.

*Biostatistician, Research*

Nayyar N., Saggio G., Plummer M., Jung M.K., & Kappenberg J. (2018). Association of mindfulness with residency preference and curriculum selection in preclinical osteopathic medical students. *Journal of the American Osteopathic Association*, 118(9):587–595. Doi: 10.7556/jaoa.2018.142.

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## John Kappenberg, Ed.D.

*Associate Professor; Director of Mentoring and Professional Development, Academic Affairs*

Nayyar N., Saggio G., Plummer M., Jung M.K., & Kappenberg J. (2018). Association of mindfulness with residency preference and curriculum selection in preclinical osteopathic medical students. *Journal of the American Osteopathic Association*, 118(9):587–595. Doi: 10.7556/jaoa.2018.142.

## Patricia Kooyman, D.O.

*Assistant Professor, Osteopathic Manipulative Medicine*

Mancinelli J., Douris C., Tarapore F., Jung M-K., Krishnamachari B., Douris P., & Kooyman P. (2017, epub May 2018). Evaluation of osteopathic medical students' and physicians' understanding of inter-professional collaboration. *International Journal of Health Sciences*, 5(4), 53–64. Doi: 10.15640/ijhs.v5n4a6.

## Bhuma Krishnamachari, Ph.D.

*Associate Professor, Clinical Specialties; Assistant Dean, Research*

Koutsouras G.W., Levine K., Duroseau N., Ciraco C., Chan V., Pergament K., Chan T., Mancini J.D., Leder A.N., & Krishnamachari B. (2018). Effects of depression and exercise on health-related quality of life in patients with Parkinson's disease. *Chronic Illness*, Sep 5: 1742395318796166. Doi: 10.1177/1742395318796166.

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## Isaac Kurtzer, Ph.D.

*Assistant Professor, Biomedical Sciences*

Kurtzer I., Bouyer L.J., Bouffard J., Jin A., Christiansen L., Nielsen J.B., & Scott S.H. (2018). Variable impact of tizanidine on the medium latency reflex of upper and lower limbs. *Experimental Brain Research*, 236(3), 665–677. Doi: 10.1007/s00221-017-5162-6.

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## Adena Leder, D.O., FAAN

*Assistant Professor, Clinical Sciences; Medical Director of Adele Smither's Parkinson's Center*

Koutsouras G.W., Levine K., Duroseau N., Ciraco C., Chan V., Pergament K., Chan T., Mancini J.D., Leder A.N., & Krishnamachari B. (2018). Effects of depression and exercise on health-related quality of life in patients with Parkinson's disease. *Chronic Illness*, Sep5: 1742395318796166. Doi: 10.1177/1742395318796166.

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

*Associate Professor, Biomedical Sciences*

Liu G.S., Zhu H., Cai W.F., Wang X., Jiang M., Essandoh K., Vafiadaki E., Haghghi K., Lam C.K., Gardner G., Adly G., Nicolaou P., Sanoudou D., Liang Q., Rubinstein J., Fan G.C., & Kranias E.G. (2018). Regulation of BECN1-mediated autophagy by HSPB6: Insights from a human HSPB6S10F mutant. *Autophagy*, 14(1), 80–97. Doi: 10.1080/15548627.2017.1392420.

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

*Assistant Professor, Osteopathic Manipulative Medicine*

Koutsouras G.W., Levine K., Duroseau N., Ciraco C., Chan V., Pergament K., Chan T., Mancini J.D., Leder A.N., & Krishnamachari B. (2018). Effects of depression and exercise on health-related quality of life in patients with Parkinson's disease. *Chronic Illness*, Sep5: 1742395318796166. Doi: 10.1177/1742395318796166.

## Joseph Mazzie, D.O.

*Assistant Professor, Osteopathic Manipulative Medicine*

deVries K.D., Brown R., Mazzie J., Jung M-K., Yao S., & Terzella M. (2018). Effect of ultrasonography on student learning of shoulder anatomy and landmarks. *Journal of the American Osteopathic Association*, 118(1), 34–39. Doi: 10.7556/jaoa.2018.006.

## Julia Molnar, Ph.D.

*Assistant Professor, Anatomy*

Diogo R., Molnar J.L., Rolian C., & Esteve-Altava B. (2018). First anatomical network analysis of fore- and hindlimb musculoskeletal modularity in bonobos, common chimpanzees, and humans. *Nature Scientific Reports*, 8:6885. Doi: 10.1038/s41598-018-25262-6.

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## Kaie Ojamaa, Ph.D.

*Professor, Biomedical Sciences*

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## Charles Pavia, Ph.D.

*Associate Professor, Biomedical Sciences*

Pavia C.S., & Plummer M.M. (2018). Are reindeer a significant carrier of disease-causing ticks? *Wiener Klinische Wochenschrift*, 130(7–8), 293–294. Doi: 10.1007/s00508-018-1329-9.

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## Maria M. Plummer, M.D.

*Associate Professor, Clinical Sciences*

Nayyar N., Saggio G., Plummer M., Jung M.K., & Kappenberg J. (2018). Association of mindfulness with residency preference and curriculum selection in preclinical osteopathic medical students. *Journal of the American Osteopathic Association*, 118(9):587–595. Doi: 10.7556/jaoa.2018.142.

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## Viswanathan Rajagopalan, Ph.D.

*Assistant Professor, Basic Sciences, NYITCOM at A-State*

Zhang K., Tang Y.D., Zhang Y., Ojamaa K., Li Y., Saini A.S., Carrillo-Sepulveda M.A., Rajagopalan V., & Gerdes A.M. (2018). Comparison of therapeutic triiodothyronine versus metoprolol in the treatment of myocardial infarction in rats. *Thyroid*, 28(6), 799–810. Doi: 10.1089/thy.2017.0544.

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## Raddy L. Ramos, Ph.D.

*Associate Professor, Biomedical Sciences*

Cuoco J.A., Esposito A.W., Moriarty S., Tang Y., Seth S., Toia A.R., Kampton E.B., Mayr Y., Khan M., Khan M.B., Mullen B.R., Ackman J.B., Siddiqi F., Wolfe J.H., Savinova O.V., & Ramos R.L. (2018). Malformation of the posterior cerebellar vermis is a common neuroanatomical phenotype of genetically engineered mice on the C57BL/6 background. *Cerebellum*, 17(2), 173–190. Doi: 10.1007/s12311-017-0892-3.

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## Bernadette Riley, D.O., FACOFP, FILM

*Director, Ehlers-Danlos Syndrome/Hypermobility Treatment Center  
Associate Professor, Department of Family Medicine*

Riley B. (2018). Using the flipped classroom with simulation-based medical education to engage millennial osteopathic medical students. *Journal of the American Osteopathic Association*, 118(10), 673–678. Doi: 10.7556/jaoa.2018.147.

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## Gregory Saggio, D.O.

*Associate Professor, Department of Clinical Specialties*

Nayyar N., Saggio G., Plummer M., Jung M.K., & Kappenberg J. (2018). Association of mindfulness with residency preference and curriculum selection in preclinical osteopathic medical students. *Journal of the American Osteopathic Association*, 118(9), 587–595. Doi: 10.7556/jaoa.2018.142.

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## Olga V. Savinova, Ph.D.

*Assistant Professor, Biomedical Sciences*

Cuoco J.A., Esposito A.W., Moriarty S., Tang Y., Seth S., Toia A.R., Kampton E.B., Mayr Y., Khan M., Khan M.B., Mullen B.R., Ackman J.B., Siddiqi F., Wolfe J.H., Savinova O.V., & Ramos R.L. (2018). Malformation of the posterior cerebellar vermis is a common neuroanatomical phenotype of genetically engineered mice on the C57BL/6 background. *Cerebellum*, 17(2), 173–190. Doi: 10.1007/s12311-017-0892-3.

## Nikos Solounias, Ph.D.

*Professor, Anatomy*

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## Randy F. Stout Jr., Ph.D.

*Assistant Professor, Biomedical Sciences*

Cabahug-Zuckerman P., Stout R.F., Majeska R.J., Thi M.M., Spray D.C., Weinbaum S., & Schaffler M.B. (2018). Potential role for a specialized  $\beta 3$  integrin-based structure on osteocyte processes in bone mechanosensation. *Journal of Orthopaedic Research*, 36(2), 642–652. Doi: 10.1002/jor.23792.

## Michael Terzella, D.O.

*Associate Professor, Osteopathic Manipulative Medicine*

deVries K.D., Brown R., Mazzie J., Jung M-K., Yao S., & Terzella M. (2018). Effect of ultrasonography on student learning of shoulder anatomy and landmarks. *Journal of the American Osteopathic Association*, 118(1), 34–39. Doi: 10.7556/jaoa.2018.006.

## Nathan E. Thompson, Ph.D.

*Assistant Professor, Anatomy*

O'Neill M.C., Demes B., Thompson N.E., & Umberger B.R. (2018). Three-dimensional kinematics and the origin of the hominin walking stride. *Journal of the Royal Society Interface*, 15:20180205. Doi: 10.1098/rsif.2018.0205.

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## Aleksandr Vasilyev, M.D., Ph.D.

*Assistant Professor, Biomedical Sciences*

Plummer M., Vasilyev A., Shaheen S., Geisler J., & Jung M. (2018). Pathology findings in medical school anatomy cadavers. *MedEdPublish*, 7(1), 7, 1–10. Doi: 10.15694/mep.2018.000007.1.

## Akinobu Watanabe, Ph.D.

*Assistant Professor, Anatomy*

Gold M.E.L., & Watanabe A. (2018). Flightless birds are not neuroanatomical analogs of non-avian dinosaurs. *BMC Evolutionary Biology*, 18, 190. Doi: 10.1186/s12862-018-1312-0.

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## Yanhua Y. Xie, Ph.D.

*Assistant Professor, Biomedical Sciences, NYITCOM at A-State*

Schienea K., Schroder W., Linzc K., Froschc S., Tzschentkea T.M., Christoph T., Xie J.Y., & Porreca F. (2018, August 29 epub ahead of print). Inhibition of experimental visceral pain in rodents by cebranopadol. *Behavioural Pharmacology*. Doi: 10.1097/FBP.0000000000000420.

Patel R., Qu C., Xie J.Y., Porreca F.K., & Dickenson A.H. (2018). Selective deficiencies in descending inhibitory modulation in neuropathic rats: Implications for enhancing noradrenergic tone. *Pain*, 159(9), 1887–1899. Doi: 10.1097/j.pain.0000000000001300.

## Sheldon C. Yao, D.O.

*Associate Professor and Chairperson, Osteopathic Manipulative Medicine*

deVries K.D., Brown R., Mazzie J., Jung M-K., Yao S., & Terzella M. (2018). Effect of ultrasonography on student learning of shoulder anatomy and landmarks. *Journal of the American Osteopathic Association*, 118(1), 34–39. Doi: 10.7556/jaoa.2018.006.

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## Eleanor Yusupov, D.O., M.P.H.

*Assistant Professor, Clinical Specialties*

Yusupov E., Krishnamachari B., Rand S., Abdalla M., & Zwibel H. (2018). Quality of hypertension care: An improvement initiative in two outpatient health care centers. *Journal of Evaluation in Clinical Practice*, 1–6. Doi: 10.1111/jep.13067.

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

*Associate Professor, Biomedical Sciences*

Kramer B., Franca L.M., Zhang Y., Paes A.M-A., Gerdes A.M., & Carrillo-Sepulveda M.A. (2018). Western diet triggers Toll-like receptor 4 (TLR4) signaling-induced endothelial dysfunction in female Wistar rats. *American Journal of Physiology Heart and Circulatory Physiology*, 315, H1735–H1735. Doi: 10.1152/ajpheart.00218.2018.

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Lee B., & Zhang Y. (2018). Atrial fibrillation and atrial flutter. In Domino F.J. (Ed.), *The 5-Minute Clinical Consult 2019*, 27th Edition. Philadelphia, Pa: Wolters Kluwer Health.

## Hallie Zwibel, D.O., MPH

*Assistant Professor, Department of Family Medicine and Director, Sports Medicine Center*

DiFrancisco-Donoghue J., Jung M-K., Stangle A., Werner W.G., Zwibel H., Happel P., & Balentine J. (2018). Utilizing wearable technology to increase physical activity in future physicians: A randomized trial. *Preventive Medicine Reports*, 12, 122–127. Doi: 10.1016/j.pmedr.2018.09.004.

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## II. Presenters at Meetings

### Reem Abu-Sbaih

*Associate Professor, Clinical Sciences; Life Sciences*

Weintraub J., Coombs A., Yao S., & Abu-Sbaih R. (2018, March). *Effects of Osteopathic Manipulative Treatment for Exotropia in a 6 year old female: A case report*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Panchmatia J., Docherty J.E.B., Kooyman P., Abu-Sbaih R., & Yao S.C. (2018, October). *Integration of pressure sensors in lumbar palpation education*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e175. Doi: 10.7556/jaoa.2018.163.

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

*Associate Professor, Anatomy*

Boessenecker R.W., Churchill M., Buchholtz E., Beatty B.L., & Geisler J.H. (2018, October). New fossils from the Oligocene of South Carolina clarify the identity of “Squalodon” tiedmani and the postcranial evolution of early odontocetes. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 93. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Churchill M., Geisler J., Beatty B.L., & Goswami A. (2018, October). *Modularity of the common dolphin skull (Delphinus delphis)*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 106. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Coombs E.J., Churchill M., Park T., Geisler J., Beatty B.L., & Goswami A. (2018, October). *Ecological influences on cranial morphology in odontocete whales*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 109. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Davidov J.D., Moussouros D., Begmatov H.J., Cheema S., Sherwani A., Ghani Z., Damiris K., Beatty B.L., Plummer M.M., & Savinova O.V. (2018, July). *High prevalence of internal elastic lamina calcification in an elderly population: A cadaveric study*. Podium presentation at the International Academy of Cardiology Annual Scientific Sessions, Boston, Mass. *Cardiology*, 140 (Suppl.1), 304. Doi: 10.1159/000491714.

Donnelly A., & Beatty B.L. (2018, October). *There's a lot to a river dolphin's smile: Dental microwear texture analysis of riparian habitats*. Podium presentation at the Society for Integrative and Comparative Biology (SICB) Northeast Regional Division of Vertebrate Morphology (DVM) Meeting, Brown University, Providence, R.I.

Geisler J., Beatty B.L., & Boessenecker R.W. (2018, October). *New specimens of Coronodon havensteini provide insights into the transition from raptorial to filter feeding in whales*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology,

Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 133. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Hoehmann C., & Beatty B.L. (2018, October). *Surface metrology of bone surface attachments of knee ligaments*. Poster presented at the 7th Annual Musculoskeletal Repair and Regeneration Symposium, Albert Einstein School of Medicine, Bronx, N.Y.

Mararenko A., Bar-El R., Assaf M., Singla P., Kelly I., Caraka D., Millan J.L., Beatty B.L., & Savinova O.V. (2018, November). *Genetically engineered calcification increases surface roughness and changes the distribution of atherosclerotic plaques in mice with atherosclerosis*. Poster presented at the American Heart Association Scientific Sessions, Chicago, Ill. *Circulation*, 138 (Suppl\_1), A17183–A17183. Retrieved from [https://www.ahajournals.org/doi/abs/10.1161/circ.138.suppl\\_1.17183?af=R](https://www.ahajournals.org/doi/abs/10.1161/circ.138.suppl_1.17183?af=R)

Matsui K., Kimura Y., Nagata M., Inose H., Ikeda K., Beatty B.L., Hirata T., Shinmura T., Agematsu S., & Sashida K. (2018, October). *The sleeping beauty: A desmostylian fossil re-discovered from the geological collections at the university of Tsukuba*. Poster presented at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 177. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Sherwani A., Cheema S., Moussouros D., Modupe M., Patel C., Ghani Z., Aheyeva L., Plummer M.M., Beatty B.L., & Savinova O.V. (2018, October). *Intracranial arterial calcification: a cadaveric study*. Poster presented at the Osteopathic Medical Education Conference (OMED), San Diego, Calif. <https://omed.osteopathic.org/>

## William Blazey, D.O.

*Associate Professor, Family Medicine and Assistant Dean, Preclinical Education*

Blazey W. (2018, October). *Deep Dive: Case studies exploring health disparities*. Invited Speaker at the American Osteopathic Association (AOA) Bureau of Scientific Affairs and Public Health “The Physicians’ Role in Advancing Health Equity” Seminar at the Osteopathic Medical Education Conference (OMED), San Diego, Calif. <https://omed.osteopathic.org/>

Blazey W. (2018, October). *Cross-cultural mental health delivery in a globalized care setting*. Invited speaker at the 11th Annual Clinical Mental Health Counseling Symposium, LIU Post, Brookville, N.Y.

## Jason M. Bourke, Ph.D.

*Assistant Professor, Basic Sciences, NYITCOM at A-State*

Bourke J.M. (2018, February). *Large dinosaurs kept cool heads: How the technology behind rockets, racecars, and refrigeration aids our reconstruction of dinosaur lives*. Oral presentation at the SciFest Engineering our World Event, St. Louis Science Center, St. Louis, Mo.

Bourke J.M. (2018, October). *The appeal of fluid simulations in reconstructing paleophysiology: Examples from dinosaurs and Neanderthals*. Oral presentation at the Regional Meeting of the Society for Integrative and Comparative Biology, Missouri University, Columbia, Mo.

Bourke J.M. (2018, October). *Airway variation and acoustic signaling in the crest of parasaurolophine hadrosaurids (Dinosauria: Ornithomimidae) based on specimens from Southern Utah*. Poster presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 95. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

## Troy Camarata, Ph.D.

*Assistant Professor, Basic Sciences, NYITCOM at A-State*

Camarata T., Hall C., Weyer A., Drummon I., & Vasilyev A. (2018, April). *Six2 paralogs are required for proximal tubule development in the Zebrafish pronephros*. Poster presented at the Experimental Biology Meeting 2018, San Diego, Calif.

Slieman T., & Camarata T. (2018, June). *Active learning in education: A single approach to achieve multiple learning objectives and behavioral outcomes*. Poster presented at the ETS Biology Conference, Kansas City, Mo.

Sapozhnikov S., Wong A., Seltzer E., O'Connor A., Thigpen C., Camarata T., & Vasilyev A. (2018, March). *Microscopic kidney morphology in Trionychidae and Alligatoridae: A case of convergent evolution?* Podium presentation at the Northeastern Regional Vertebrate Evolution Symposium, William Rogers Auditorium, NYIT-Long Island, Old Westbury, N.Y.

## Maria A. Carrillo-Sepulveda, B.S.N., Ph.D.

*Assistant Professor, Biomedical Sciences*

Burke C., Polce S., & Carrillo-Sepulveda M.A. (2018, April). *Ellagic acid ameliorates insulin sensitivity and hepatic oxidative stress in diabetic female rats: A potential antioxidant agent for type 2 diabetic complications*. Poster presentation at the Experimental Biology Meeting 2018, San Diego, Calif.

Carrillo-Sepulveda M.A. (2018, April). *Seminar: Metabolic memory in type 2 diabetes*. Invited Speaker at the Department of Pharmacology, New York Medical College, Valhalla, N.Y.

Carrillo-Sepulveda M.A., Johnson C.M., Franca L.M., & Kramer B. (2018, April). *Short-term western diet induces cardiometabolic syndrome in female rats is associated with increased cardiovascular protein lysine acetylation*. Poster presentation at the Experimental Biology Meeting 2018, San Diego, Calif.

Hazari A.S., & Carrillo-Sepulveda M.A. (2018, April). *HDAC7 is downregulated in bladder tissue from type 1 diabetic mice: a potential therapeutic target for diabetes-related bladder complications*. Poster presentation at the Experimental Biology Meeting 2018, San Diego, Calif.



Johnson C.M., Burke C., & Carrillo-Sepulveda M.A. (2018, April). *Increased global lysine acetylation in diabetic vasculature is associated with downregulation of SIRT-1 in vascular smooth muscle cells*. Podium presentation at the Experimental Biology Meeting 2018, San Diego, Calif.

Panackal A., & Carrillo-Sepulveda M.A. (2018, November). *Western diet promotes hyperacetylation of superoxide dismutase 2*. Poster presentation at The Society for Redox Biology and Medicine (SfRBM) 25th Annual Conference, Chicago, Ill.

Persand D., & Carrillo-Sepulveda M.A. (2018, September). *Harmful effects of western diet consumption on the cardiometabolic profile of females*. Poster presentation at the NYITCOM Summer Student Research Symposium, NYIT-Long Island, Old Westbury, N.Y.

## George Cheriyan, D.O.

*Assistant Professor, Osteopathic Manipulative Medicine*

Docherty J.E.B., Chu K., Orshan D., Kulason K., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., & Yao S.C. (2018, October). *The effect of osteopathic manipulative treatment on reactive oxygen species in Parkinson's Disease*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e173. Doi: 10.7556/jaoa.2018.163.

Poon J., Docherty J.E.B., Mancini J.D., DiFrancisco-Donoghue J., Cheriyan G., Leder A., & Yao S.C. (2018, October). *Using wearable technology to measure the effectiveness of osteopathic manipulative treatment on Parkinson's Disease motor symptoms*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e150. Doi: 10.7556/jaoa.2018.163.

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

*Assistant Professor and Director, Clinical Research*

DiFrancisco-Donoghue J. (2018, October). *eSport: Where does the medical community fit in?* Podium presentation at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif.

DiFrancisco-Donoghue J. (2018, November). *eSports Medicine*. Speaker at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

DiFrancisco-Donoghue J., Divan M., DeLuca A., Baranek C., Werner W.G., & Zwibel H. (2018, May). *Macronutrient intake and resting metabolic rate in middle and long distance recreational female runners*. Poster presented at the American College of Sports Medicine (ACSM) 66th Annual Meeting, Minneapolis, Minn.

Docherty J.E.B., Chinsky R., Zwibel H., & DiFrancisco-Donoghue J. (2018, November). *Health behaviors of eSport athletes*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e180. Doi: 10.7556/jaoa.2018.163.

Docherty J.E.B., Chu K., Orshan D., Kulason K., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., & Yao S.C. (2018, October). *The effect of osteopathic manipulative treatment on reactive oxygen species in Parkinson's Disease*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e173. Doi: 10.7556/jaoa.2018.163.



Douris P.C., & DiFrancisco-Donoghue J. (2018, May). *Blood flow restriction training and functional improvements in a single subject with Parkinson Disease*. Poster presented at the 65th Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy of the American College of Sports Medicine, Minneapolis, Minn.

Poon J., Docherty J.E.B., Mancini J.D., DiFrancisco-Donoghue J., Cheriyan G., Leder A., & Yao S.C. (2018, October). *Using wearable technology to measure the effectiveness of osteopathic manipulative treatment on Parkinson's Disease motor symptoms*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e150. Doi: 10.7556/jaoa.2018.163.

Varlotta C., Zwibel H., & DiFrancisco-Donoghue J. (2018, April). *Body composition changes in male collegiate lacrosse players from preseason to post season*. Poster presented at the American College of Sports Medicine (ACSM) 66th Annual Meeting, Minneapolis, Minn.

## A. Martin Gerdes, Ph.D.

*Professor and Chairperson, Biomedical Sciences*

Gerdes A.M. (2018, July). *T3 versus metoprolol treatment of rats with myocardial infarction — and the winner is?* Invited Speaker at the International Academy of Cardiology, 23rd World Congress on Heart Disease, Boston, Mass.

## Jonathan H. Geisler, Ph.D.

*Associate Professor and Chairperson, Anatomy*

Boessenecker R.W., Churchill M., Buchholtz E., Beatty B.L., & Geisler J.H. (2018, October). *New fossils from the Oligocene of South Carolina clarify the identity of "Squalodon" tiedmani and the postcranial evolution of early odontocetes*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 93. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Churchill M., Geisler J., Beatty B.L., & Goswami A. (2018, October). *Modularity of the common dolphin skull (Delphinus delphis)*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 106. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Coombs E.J., Churchill M., Park T., Geisler J., Beatty B.L., & Goswami A. (2018, October). *Ecological influences on cranial morphology in odontocete whales*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 109. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Geisler J., Beatty B.L., & Boessenecker R.W. (2018, October). *New specimens of Coronodon havensteini provide insights into the transition from raptorial to filter feeding in whales*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 133. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

## Patricia Happel, D.O.

*Associate Professor, Department of Family Medicine and Associate Medical Director*

Siano J., Happel P., Rivera-Martinez S., Krishnamachari B., & Yusupov E. (2018, November). *Hepatitis C virus screening in the primary care setting: A prospective cohort study*. Poster presented at the American Medical Association (AMA) Research Symposium, Gaylord National Resort and Convention Center, National Harbor, Md.

Maenza N., Koltovski D., & Happel P. (2018, April). *The effects of a calorie counting application on body composition and body shape preoccupations in overweight college aged women*. Poster presented at the Regional Osteopathic Convention New York, Hyatt Regency, Hauppauge, N.Y.

Khan M., & Happel P. (2018, April). *Nutrition and exercise self-efficacy in relation to patient satisfaction and perception of physician empathy*. Poster presented at the Regional Osteopathic Convention New York (ROC-NY), Hyatt Regency, Hauppauge, N.Y.

## Matthew Heller, D.O., CAQSM

*Assistant Professor, Clinical Sciences*

Burg B.J., Varlotta C., Giordano J., Miceli J., Zwibel H., & Heller M. (2018, November). *The effect of subconcussive impacts on the neurocognitive function of men's collegiate lacrosse players from pre- to postseason*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e189. Doi: 10.7556/jaoa.2018.163.

Heller M. (2018, November). *MMA, Boxing and professional wrestling*. Presentation at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

Miceli J., Variotta C., Giordano J., Burg B., Zwibel H., & Heller M. (2018, November). *The effects of head impacts on verbal and visual memory in collegiate men's lacrosse players from pre- to postseason*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e157. Doi: 10.7556/jaoa.2018.163.

## Simone Hoffmann, Ph.D.

*Assistant Professor, Anatomy*

Zaransky S., Gibilisco M., Watanabe A., & Hoffmann S. (2018, January). *Postnatal ontogeny of inner ear morphology in chicken and alligator*. Poster presented at the Society for Integrative and Comparative Biology, San Francisco, Calif. In *SICB 2018 Annual Meeting Abstracts*, 466, P1–120. Retrieved from <http://www.sicb.org/meetings/2018/SICB2018Abstracts.pdf>.

Shahid R., Gill P.G., & Hoffmann S. (2018, January). *Variation in inner ear morphology of early mammaliaforms*. Poster presented at the Society for Integrative and Comparative Biology, San Francisco, Calif. In *SICB 2018 Annual Meeting Abstracts*, 376, P1–124. Retrieved from <http://www.sicb.org/meetings/2018/SICB2018Abstracts.pdf>

Fakhry L., Smith L., & Hoffmann S. (2018, March). *Blood supply to the inner ear in the earliest fossil mammals*. Poster presented at the Science and Technology Entry Program (STEP) Statewide Student Conference, Albany, N.Y.

Hoffmann S., & Shahid R. (2018, March). *Inner ear morphology in the basal mammaliaform Morganucodon*. Podium Presentation at the Northeastern Regional Vertebrate Evolution Symposium, William Rogers Auditorium, NYIT-Long Island, Old Westbury, N.Y.

Shahid R., Gill P.G., & Hoffmann S. (2018, April). *Inner ear morphology in the basal-most mammaliaform Morganucodon*. Poster presented at the Annual Meeting American Association of Anatomists, San Diego, Calif.

Hoffmann S. (2018, June). *Postcranial morphology of a new gondwanatherian mammal from the Late Cretaceous of Madagascar*. Invited Speaker at the Mesozoic Mammal Symposium, Beijing, China.

Hoffmann S., Shahid R., Watanabe A., & Gill P. (2018, October). *Large sampling from Early Jurassic fissure fillings reveals variation in cochlear canal shape in the basal mammaliaform Morganucodon*. Podium Presentation at the Society of Vertebrate Paleontology 78th Annual Meeting. Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 147. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Krause D.W., Hoffmann S., Wible J.R., Rougier G., & Hu Y. (2018, October). *Lower jaw morphology of a new gondwanatherian mammal from the Late Cretaceous of Madagascar*. Poster presented at the Society of Vertebrate Paleontology 78th Annual Meeting. Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 162. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

## Yuan Huang, M.S., M.D.

*Instructor, Biomedical Sciences*

Clements K., Kobayashi S., Huang Y., Kobayashi T., & Liang Q. (2018, April). *P21-Activated Kinase 1 is necessary for autophagy and mitophagy in cardiomyocytes and in the mouse heart*. Poster presented at the Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

## Bhaveshi Joshi, D.O., CAQSM

*Assistant Professor, Clinical Medicine — NYITCOM at A-State*

Joshi B. (2018, November). *The throwing athlete: Shoulder injury considerations*. Presentation at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

## Min-Kyung Jung, Ph.D.

*Biostatistician, Research*

Carney B., Yan E., Jung M-K., Douris P., & Kooyman P. (2018, March). *Efficacy of Osteopathic Manipulative Medicine (OMM) and phototherapy for patients with chronic lower back pain*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

## John Kappenberg, Ed.D.

*Associate Professor; Director of Mentoring and Professional Development, Academic Affairs*

Kappenberg J., Gilliar W., & Maitland K. (2018, June). *Using philanthropy to advance goals and strengthen medical school climate, culture, commitment and wellness*. Oral presentation at the 22nd Annual Meeting of the International Association of Medical School Educators (IAMSE), Green Valley Ranch, Las Vegas Nev. <http://www.iamse.org/wp-content/uploads/2018/07/IAMSE18-program-book.pdf>.

## Satoru Kobayashi, Ph.D.

*Instructor, Biomedical Sciences*

Chang M., Pinkhasova P., Kobayashi T., Kobayashi S., & Liang Q. (2018, April). *Metformin inhibits autophagy and mitophagy in cardiomyocytes*. Poster presented at the American Association of Anatomists Graduate Student Poster Award, Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

Clements K., Kobayashi S., Huang Y., Kobayashi T., & Liang Q. (2018, April). *P21-Activated Kinase 1 is necessary for autophagy and mitophagy in cardiomyocytes and in the mouse heart*. Poster presented at the Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

Bantis K., Zhang Y., Kobayashi S., & Liang Q. (2018, April). *Mitophagy must be maintained at a certain level to provide cardioprotection in mice during fasting*. Poster presented at the Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

## Patricia Kooyman, D.O.

*Associate Professor, Osteopathic Manipulative Medicine*

Arnavi V., Kooyman P., & Yao S. (2018, March). *Application of Osteopathic Manipulative Treatment (OMT) to treat respiratory dysfunction in Parkinson's Disease*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Carney B., Yan E., Jung M-K., Douris P., & Kooyman P. (2018, March). *Efficacy of Osteopathic Manipulative Medicine (OMM) and phototherapy for patients with chronic lower back pain*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Shermon S., Kooyman P., Leder A., & Yao S. (2018, March). *Effects of Osteopathic Manipulative Treatment of the cervical spine on post-concussive disorder symptoms: A case study*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Panchmatia J., Docherty J.E.B., Kooyman P., Abu-Sbaih R., & Yao S.C. (2018, October). *Integration of pressure sensors in lumbar palpation education*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118 (11), e175. Doi: 10.7556/jaoa.2018.163

## Bhuma Krishnamachari, Ph.D.

*Associate Professor, Clinical Specialties; Assistant Dean, Research*

Abdalla M., Yusupov E., Krishnamachari B., & Zwibel H. (2018, November). *Quality of hypertension care: An improvement initiative in 2 outpatient health care centers*. Abstract & Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e163. Doi: 10.7556/jaoa.2018.163.

Siano J., Happel P., Rivera-Martinez S., Krishnamachari B., & Yusupov E. (2018, November). *Hepatitis C virus screening in the primary care setting: A prospective cohort study*. Poster presented at the American Medical Association (AMA) Research Symposium, Gaylord National Resort & Convention Center, National Harbor, Md.

Yusupov E., Rand S., Krishnamachari B., & Zwibel H. (2018, April). *Implementation of a patient-centered hypertension care program in two academic health care centers*. Poster presented at the Stony Brook University Program in Public Health Capstone, Stony Brook, N.Y.

## Isaac Kurtzer, Ph.D.

*Assistant Professor, Biomedical Sciences*

Kurtzer I. (May, 2018). *Long-latency reflexes to on-axis and off-axis displacements increase with the target approach consistent with optimal feedback control*. Invited Speaker at the Mechanisms of Dextrous Behavior meeting, Janelia Research Campus, Ashburn, Va.

Muraoka T., Crevecoeur F., Cheema P., Anatonowich R., & Kurtzer I. (2018, May). *Long latency reflexes to on-axis and off-axis displacement increase with the target approach consistent with optimal feedback control*. Poster presented at the 28th annual meeting of the Society for the Neural Control of Movement (NCM), Santa Fe, N.M.

## Adena Leder, D.O., FAAN

*Assistant Professor, Clinical Sciences; Medical Director of Adele Smither's Parkinson's Center*

Docherty J.E.B., Chu K., Orshan D., Kulason K., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., & Yao S.C. (2018, October). *The effect of osteopathic manipulative treatment on reactive oxygen species in Parkinson's Disease*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e173. Doi: 10.7556/jaoa.2018.163.

Leder A. (2018, September). *The importance of exercise in Parkinson's Disease*. Speaker at the National Coach's Rock Steady Boxing Conference, Philadelphia, Pa.

Leder A. (2018, September). *Unusual neurological conditions*. Speaker at the American College of Osteopathic Family Physicians (ACOFF), Long Island Marriott, Uniondale, N.Y.

Leder A. (2018, November). *Neurology in sports medicine*. Presentation at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y. Awarded second place student research.

Poon J., Docherty J.E.B., Mancini J.D., DiFrancisco-Donoghue J., Cheriyan G., Leder A., & Yao S.C. (2018, October). *Using wearable technology to measure the effectiveness of osteopathic manipulative treatment on Parkinson's Disease motor symptoms*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e150. Doi: 10.7556/jaoa.2018.163.

Rubin L., Michaelides C., Weinstein A., Granat L., Ketigian L., Zhu J., Scheid Z., Matthews S., Korn S., McLeod C., Gallagher R., & Leder A. (2018, October). *Assessing the impact of Rock Steady Boxing on depressive symptoms in Parkinson's disease*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e161. Doi: 10.7556/jaoa.2018.163.

Shermon S., Kooyman P., Leder A., & Yao S. (2018, March). *Effects of Osteopathic Manipulative Treatment of the cervical spine on post-concussive disorder symptoms: A case study*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

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

*Associate Professor, Biomedical Sciences*

Bantis K., Zhang Y., Kobayashi S., & Liang Q. (2018, April). *Mitophagy must be maintained at a certain level to provide cardioprotection in mice during fasting*. Poster presented at the Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

Chang M., Pinkhasova P., Kobayashi T., Patel R., Cohen M., Mehta P., Zhang Y., Kobayashi S., & Liang Q. (2018, April). *Metformin inhibits autophagy and mitophagy in cardiomyocytes*. Poster presented at the American Association of Anatomists Graduate Student Poster Award, Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.



Clements K., Kobayashi S., Huang Y., Kobayashi T., & Liang Q. (2018, April). *P21-Activated Kinase 1 is necessary for autophagy and mitophagy in cardiomyocytes and in the mouse heart*. Poster presented at the Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

Liang Q. (2018, June). *Metformin activates AMPK signaling but inhibits mitophagy in the mouse heart*. Poster presented at the American Diabetes Association 78th Scientific Sessions, Orange County Convention Center, Orlando, Fla.

Liang Q. (2018, July). *Deciphering the role of mitophagy-lysosome dysfunction in the diabetic heart*. Invited Speaker at the International Academy of Cardiology, 23rd World Congress on Heart Disease, Boston, Mass.

Liang Q. (2018, July). *Mitochondrial quality control and diabetic cardiomyopathy*. Invited Speaker at Xian Jiaotong University School of Medicine, Xian, China.

Liang Q. (2018, July). *Heart failure and cellular degradation pathways*. Invited Speaker at the Cardiology Department, the Second Affiliated Hospital, Xian Jiaotong University School of Medicine, Xian, China.

Liang Q. (2018, December). *Autophagy, mitophagy and lysophagy in diabetic cardiac injury*. Invited Speaker at the NYC Area Inter-Institutional Cardiovascular Seminar Series, Weill Cornell Medicine, New York City.

Zhang Y., Alam S., Kobayashi T., Zhao F., Huang Y., Kobayashi S., & Liang Q. (2018, October). *Differential effects of Beclin1 on autophagy and mitophagy in cardiomyocytes*. Poster presented at the American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED 2018), San Diego, Calif.

Zhang Y., Chang M., Pinkhasova P., Kobayashi T., Zhao F., Huang Y., Patel R., Kobayashi S., & Liang Q. (2018, June). *Metformin activates AMPK signaling but inhibits mitophagy in the mouse heart*. Poster presented at the American Diabetes Association 78th Scientific Sessions, Orlando, Fla.

Zhao F., Kobayashi S., Kobayashi T., Huang Y., Zhang Y., & Liang Q. (2018, July). *Mitophagy plays a protective role in the diabetic mouse heart*. Poster presented at the International Academy of Cardiology, 23rd World Congress on Heart Disease, Boston, Mass.

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

### *Assistant Professor, Osteopathic Manipulative Medicine*

Abigail S., & Mancini J. (2018, March). *Using OMT to resolve somatic dysfunction and long-term complications associated with surgical aortic valve replacement*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Angelo N., Mazzeo S., Oommen T., Zwibel H., Mancini J., Leheste J., & Yao S. (2018, November). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury: A pilot study*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e170. Doi: 10.7556/jaoa.2018.163. Awarded second place — Clinical OMM/OMT.

Angelo N., Mazzeo S., Zwibel H., Mancini J., & Yao S. (2018, October). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury, a pilot study*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif., Awarded second place — Clinical OMM/OMT.

Aslanyan L., Silverberg C., Oommen T., Angelo N., Mancini J., & Yao S. (2018, March). *Cranial strain patterns associated with concussion*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.



Docherty J.E.B., Chu K., Orshan D., Kulason K., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., & Yao S.C. (2018, October). *The effect of osteopathic manipulative treatment on reactive oxygen species in Parkinson's Disease*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e173. Doi: 10.7556/jaoa.2018.163.

Gottlieb S., Tegan D., & Mancini J. (2018, March). *Use of Axial Myofascial Hydrostat Test in identifying areas of focus for Osteopathic Manipulative Treatment to relieve symptoms of Hypermobility Ehlers Danlos Syndrome — A case study*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Texas. Awarded third place student competition.

Mancini J. (2018, March). *The effect of osteopathic manipulative medicine on constipation and the gut microbiome in Parkinson's disease*. PowerPoint presentation at the Second Annual Research Proposal and Mentorship Grand Rounds of Louisa Burns Osteopathic Research Committee's Research Enrichment Program for American Academy of Osteopathy (AAO) Convocation, Hilton Anatole, Dallas, Texas.

Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS) Convention, Hauppauge, N.Y. Awarded second place student research.

Poon J., Docherty J.E.B., Mancini J.D., DiFrancisco-Donoghue J., Cheriyan G., Leder A., & Yao S.C. (2018, October). *Using wearable technology to measure the effectiveness of osteopathic manipulative treatment on Parkinson's Disease motor symptoms*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e150. Doi: 10.7556/jaoa.2018.163.

## Julia Molnar, Ph.D.

### *Assistant Professor, Anatomy*

Molnar J.L. (2018). *Musculoskeletal model of an early crocodylomorph hindlimb*. Podium presentation at the Northeast Regional Vertebrate Evolution Symposium, William Rogers Auditorium, NYIT-Long Island, Old Westbury, N.Y.

Molnar J.L., Bhullar B-A., & Hutchinson J.R. (2018, October). *Hindlimb posture and muscle actions in stem Crocodylia*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 184. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Pierce Z., & Molnar J.L. (2018, November). *Axial kinematics and vertebral morphology in Jackson's chameleon*. Poster presented at the American Association of Anatomists Regional Conference, McMaster University, Hamilton, Ontario, Canada.

Varshney A., & Molnar J.L. (2018, October). *Comparative analysis of locomotion in an early diverging chameleon*. Poster and Abstract presented at the 61st Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego Convention Center, San Diego, Calif., *Journal of the American Osteopathic Association*, 118(11), e107, Doi: 10.7556/jaoa.2018.163.

Varshney A., & Molnar J.L. (2018, November). *Comparative analysis of locomotion in an early diverging chameleon*. Poster presented at the American Association of Anatomists Regional Conference, McMaster University, Hamilton, Ontario, Canada.

## Charles Pavia, Ph.D.

*Associate Professor, Biomedical Sciences*

Pavia C.S., & Masters E. (2018, October). *Comparative analysis of the erythema migrans (EM) rash associated with Lyme disease and the EM-like rash of Southern tick-associated rash illness (STARI)*. Poster presented at the 3rd Annual Lyme Disease in the Era of Precision Medicine Conference, New York City.

## Maria M. Plummer, M.D.

*Associate Professor, Clinical Sciences*

Begmatov H.J., Rashidbaigi O.J., Romanelli F., Corbo A.M., Millán J.L., Plummer M.M., & Savinova O.V. (2018, July). *Left atrial appendage thrombosis in a mouse model of coronary artery disease*. Poster presented at the International Academy of Cardiology, Annual Scientific Sessions 2018, Boston, Mass.; *Cardiology*, 140 (Suppl. 1), 410. Doi: 10.1159/000491714.

Kramer B., Saggio G., Oromendia C., Plummer M., & Shlofmitz E. (2018, October). *Distribution of coronary artery size and calcification: An anatomical cadaveric analysis*. Poster presented at the American College of Surgeons Medical Student Symposium, Boston, Mass. Second place winner.

Kramer B., Saggio G., Oromendia C., Plummer M., & Shlofmitz E. (2018, June). *Distribution of coronary artery size and calcification: An anatomical cadaveric analysis*. Invited Speaker at the 13th Annual Complex Cardiovascular Catheter Therapeutics (C3): Advanced Endovascular and Coronary Intervention Global Summit Meeting, Orlando, Fla.

Damiris K., Behbodikhah J., Markel L., Moussa A., Tabassum A., Kuhar B., Mehra A., Lakhana M.M., Ahsan M., Villanueva J.Y., Ogden A., Blumberg G., Gitelman S., Cascio M., Moussouros D., Plummer M.M., Millan J.L., Kuruvilla J.G., & Savinova O.V. (2018, June). *Overexpression of tissue-nonspecific alkaline phosphatase (TNAP) in a mouse model of atherosclerosis leads to adhesions and ischemic injury to the intestine*. Podium presentation at Digestive Disease Week® (DDW) 2018, Washington, D.C.; *Gastroenterology*, 154(6), S-213.

Davidov J.D., Moussouros D., Begmatov H.J., Cheema S., Sherwani A., Ghani Z., Damiris K., Beatty B.L., Plummer M.M., & Savinova O.V. (2018, July). *High prevalence of internal elastic lamina calcification in an elderly population: A cadaveric study*. Podium presentation at the International Academy of Cardiology Annual Scientific Sessions, Boston, Mass.; *Cardiology*, 140 (Suppl.1), 304. Doi: 10.1159/000491714.

Sherwani A., Cheema S., Moussouros D., Modupe M., Patel C., Ghani Z., Aheyeva L., Plummer M.M., Beatty B.L., & Savinova O.V. (2018, October). *Intracranial arterial calcification: a cadaveric study*. Poster presentation at the Osteopathic Medical Education Conference (OMED), San Diego, Calif. <https://omed.osteopathic.org/>

## Bernadette Riley, D.O., FACOFP, FILM

*Director, Ehlers-Danlos Syndrome/Hypermobility Treatment Center  
Associate Professor, Department of Family Medicine*

Riley B. (2018, January). *Incorporating care of a developmentally disabled patient into osteopathic GME*. NYCOMEC Blue Webinar Presentation, Old Westbury, N.Y. <https://nycomec.org/>

Riley B. (2018, April). *Professionalism training for Ob/GYN and General Surgery Residents*. Presentation at South Nassau Communities Hospital, Oceanside, N.Y.

Riley B. (2018, April). *Update on professionalism training*. Presentation at the New York State Osteopathic Medical Society (NYSOMS) Regional Osteopathic Convention (ROC-NY), Hauppauge, N.Y. <https://nyomsnyassoc.wliinc19.com//events/ROC-NY-2018-2/details>

Riley B. (2018, July). *TRI Bootcamp using simulation for 1st year TRIs and FM residents*. Presentation at South Nassau Communities Hospital, Oceanside, N.Y.

Riley B. (2018, September). *Research — the big picture, how to select a topic*. Webinar Panel Discussion, Old Westbury, N.Y. <https://nycomec.org>.

## Sonia Rivera-Martinez, D.O., FACOFP

*Associate Professor, Department of Family Medicine and Associate  
Medical Director*

Siano J., Happel P., Rivera-Martinez S., Krishnamachari B., & Yusupov E. (2018, November). *Hepatitis C virus screening in the primary care setting: A prospective cohort study*. Poster presented at the American Medical Association (AMA) Research Symposium, Gaylord National Resort & Convention Center, National Harbor, Md.

## Gregory Saggio, D.O.

*Associate Professor, Department of Clinical Specialties*

Kramer B., Saggio G., Oromendia C., Plummer M., & Shlofmitz E. (2018, June). *Distribution of coronary artery size and calcification: An anatomical cadaveric analysis*. Invited Speaker at the 13th Annual Complex Cardiovascular Catheter Therapeutics (C3): Advanced Endovascular and Coronary Intervention Global Summit Meeting, Orlando, Fla.

Kramer B., Saggio G., Oromendia C., Plummer M., & Shlofmitz E. (2018, October). *Distribution of coronary artery size and calcification: An anatomical cadaveric analysis*. Poster presented at the American College of Surgeons Medical Student Symposium, Boston, Mass. Second place winner.

## Olga V. Savinova, Ph.D.

*Assistant Professor, Biomedical Sciences*

Begmatov H.J., Rashidbaigi O.J., Romanelli F., Corbo A.M., Millán J.L., Plummer M.M., & Savinova O.V. (2018, July). *Left atrial appendage thrombosis in a mouse model of coronary artery disease*. Poster presented at the International Academy of Cardiology, Annual Scientific Sessions 2018, Boston, Mass.; *Cardiology*, 140 (Suppl. 1), 410. Doi: 10.1159/000491714.

Damiris K., Behbodikhah J., Markel L., Moussa A., Tabassum A., Kuhar B., Mehra A., Lakhana M.M., Ahsan M., Villanueva J.Y., Ogden A., Blumberg G., Gitelman S., Cascio M., Moussouros D., Plummer M.M., Millan J.L., Kuruvilla J.G., & Savinova O.V. (2018, June). *Overexpression of tissue-nonspecific alkaline phosphatase (TNAP) in a mouse model of atherosclerosis leads to adhesions and ischemic injury to the intestine*. Podium presentation at Digestive Disease Week® (DDW) 2018, Washington, D.C.; *Gastroenterology*, 154(6), S-213.

Davidov J.D., Moussouros D., Begmatov H.J., Cheema S., Sherwani A., Ghani Z., Damiris K., Beatty B.L., Plummer M.M., & Savinova O.V. (2018, July). *High prevalence of internal elastic lamina calcification in an elderly population: A cadaveric study*. Podium presentation at the International Academy of Cardiology Annual Scientific Sessions, Boston, Mass.; *Cardiology*, 140 (Suppl.1), 304. Doi: 10.1159/000491714.

Mararenko A., Bar-El R., Assaf M., Singla P., Kelly I., Carka D., Millan J.L., Beatty B.L., & Savinova O. V. (2018, November). *Genetically engineered calcification increases surface roughness and changes the distribution of atherosclerotic plaques in mice with atherosclerosis*. Poster presented at the American Heart Association Scientific Sessions, Chicago, Ill. *Circulation*, 138 (Suppl.1), A17183–A17183. Retrieved from [https://www.ahajournals.org/doi/abs/10.1161/circ.138.suppl\\_1.17183?af=R](https://www.ahajournals.org/doi/abs/10.1161/circ.138.suppl_1.17183?af=R)

Sherwani A., Cheema S., Moussouros D., Modupe M., Patel C., Ghani Z., Aheyeva L., Plummer M.M., Beatty B.L., & Savinova O.V. (2018, October). *Intracranial arterial calcification: a cadaveric study*. Poster presentation at the Osteopathic Medical Education Conference (OMED), San Diego, Calif. <https://omed.osteopathic.org/>

## Tony Slieman, Ph.D.

*Assistant Professor, Basic Sciences, NYITCOM at A-State*

Slieman T., & Camarata T. (2018, June). *Active learning in education: A single approach to achieve multiple learning objectives and behavioral outcomes*. Poster presented at the ETS Biology Conference, Kansas City, Mo.

## Randy F. Stout Jr., Ph.D.

*Assistant Professor, Biomedical Sciences*

Stout R.F. (2018, August). *The dynamic gap junction nexus supramolecular structure*. Poster presented at the Cold Spring Harbor Laboratory Single Biomolecules Meeting, Cold Spring Harbor, N.Y.

## Michael Terzella, D.O.

*Associate Professor, Osteopathic Manipulative Medicine*

Docherty J., Koo S.L., Shinnors J., Terzella M.J., & Yao S. (2018, March). *The effect of Osteopathic Manipulative Medicine on tremor in Parkinson's Disease*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Granat L., Docherty J., Terzella M.J., & Yao S. (2018, March). *Assessing the student and patient-reported efficacy of Osteopathic Manipulative Medicine (OMM) treatments in third and fourth year clerkships*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Li R., Docherty J.E.B., Koo S.L., Shinnors J., Terzella M.J., & Yao S. (2018, October). *Managing tremor in Parkinson's Disease using osteopathic manipulative medicine*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif., *Journal of the American Osteopathic Association*, 118 (11), e166. Doi: 10.7556/jaoa.2018.163 Awarded first place Clinical OMM/OMT.

Shinnors J., Koo S.L., Docherty J., Terzella M.J., & Yao S. (2018, April). *The acute effect of Osteopathic Manipulative Medicine on upper extremity tremor in Parkinson's Disease*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y. Awarded third place student research.

## Nathan E. Thompson, Ph.D.

*Assistant Professor, Anatomy*

Holowka N.B., Hatala K.G., Demes B., Thompson N.E., & Wunderlich R.E. (2018, April 11–14). *Chimpanzee plantar pressure distributions and the origins of bipedal plantigrady*. Abstract presented at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, Texas. *American Journal of Physical Anthropology*, 165 (S66): 124. Doi: 10.1002/ajpa.23489.

Koll N., Ahmed L., & Thompson N.E. (2018, April 11–14). *Digitizing the Nissen/Riesen chimpanzee longitudinal radiographic series*. Abstract presented at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, Texas. *American Journal of Physical Anthropology*, 165 (S66): 144. Doi: 10.1002/ajpa.23489.

McNutt E., Kilham B., Casana J., Hatala K.G., Hill A.C., Johnson C., Kilham P., Reader C., Thompson N.E., & DeSilva J. (2018, April). *Reassessing the ursid hypothesis for the Laetoli "A" bipedal trackway*. Podium presentation at the Annual Meeting of the Paleoanthropological Society, Austin, Texas.

Ostrowsky K.R., Thompson N.E., McFarlin S.C., Robbins M.M., Stoinski T.S., & Almécija S. (2018, April 11–14). *Capturing 3-D locomotor kinematics in wild mountain gorillas (Gorilla beringei beringei)*. Abstract presented at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, Texas. *American Journal of Physical Anthropology*, 165(S66): 195. Doi: 10.1002/ajpa.23489.

Rubinstein D., Larson S.G., & Thompson N.E. (2018, April 11–14). *Great ape thorax and shoulder—adapted for arboreality or knuckle-walking?* Abstract presented at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, Texas. *American Journal of Physical Anthropology*, 165 (S66): 233. Doi: 10.1002/ajpa.23489.

Thompson N.E., Ostrowsky K.R., McFarlin S.C., Robbins M.M., Gibbons D., & Almécija S. (2018, March). *Advances in wild ape kinematics: Mountain gorillas*. Podium Presentation at the Northeast Regional Vertebrate Evolution Symposium, NYIT-Long Island, Old Westbury, N.Y.

Thompson N.E., Ostrofsky K.R., McFarlin S.C., Robbins M.M., Rubinstein D., & Almécija S. (2018, April 11–14). *Preliminary 3-D kinematic data of wild Mountain Gorilla terrestrial locomotion: using lab-based methods in ape environments*. Abstract presented at the 87th Annual Meeting of the American Association of Physical Anthropologists, Austin, Texas. *American Journal of Physical Anthropology*, 165(S66), 274. Doi: 10.1002/ajpa.23489.

## Aleksandr Vasilyev, M.D., Ph.D.

*Assistant Professor, Biomedical Sciences and Director, Innovation Center*

Camarata T., Hall C., Weyer A., Drummon I., & Vasilyev A. (2018, April). *Six2 paralogs are required for proximal tubule development in the Zebrafish pronephros*. Poster presented at the Experimental Biology Meeting 2018, San Diego, Calif.

Sapozhnikov S., Wong A., Seltzer E., O'Connor A., Thigpen C., Camarata T., & Vasilyev A. (2018, March). *Microscopic kidney morphology in Trionychidae and Alligatoridae: A case of convergent evolution?* Podium Presentation at the Northeastern Regional Vertebrate Evolution Symposium, William Rogers Auditorium, NYIT-Long Island, Old Westbury, N.Y.

## Akinobu Watanabe, Ph.D.

*Assistant Professor, Anatomy*

Bardua C., Felice R.N., Watanabe A., & Goswami A. (2018, October). *Best practices for capturing and analyzing high dimensional shape data: An amphibian case study*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 86. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Felice R.N., Watanabe A., Cuff A., Witmer L.M., Norell M.A., Rayfield E.J., & Goswami A. (2018, October). *Quantifying cranial convergence, evolutionary rates, and disparity in the dinosaur skull*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 124. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Hoffmann S., Shahid R., Watanabe A., & Gill P. (2018, October). *Large sampling from Early Jurassic fissure fillings reveals variation in cochlear canal shape in the basal mammaliaform Morganucodon*. Podium presentation at the Society of Vertebrate Paleontology 78th Annual Meeting, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 147. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Hogan A.V., Watanabe A., Balanoff A.M., & Bever G.S. (2018, October). *Evolutionary patterns in the olfactory system of developing chicks*. Poster presented at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 148. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Watanabe, A. (2018, July). *How a paleontologist sees 'Jurassic Park' and 'Jurassic World'* (presented in Japanese). Podium presentation at the Japanese Association of Scholars in Science, Columbia University, New York City.

Watanabe A., & Gignac P.M. (2018, October). *High-dimensional shape analysis of endocasts and brain reconstructions reveals the precise applicability of endocasts as a neuroanatomical*



*correlate in archosaurs*. Podium presentation at the 78th Annual Meeting of the Society of Vertebrate Paleontology, Albuquerque, N.M. In *Proceedings of the Society of Vertebrate Paleontology 2018 Abstracts and Program Book*, 237. Retrieved from <http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-2018-program-book-V4-FINAL-with-covers-9-24-18.aspx>

Watanabe A., Maisano J.A., Müller J., Herrel A., & Goswami A. (2018, March). *The tempo, mode, and modularity of skull shape evolution in squamate reptiles*. Podium presentation at the Northeastern Regional Vertebrate Evolution Symposium, Old Westbury, N.Y.

## Yanhua Y. Xie, Ph.D.

*Assistant Professor, Biomedical Sciences, NYITCOM at A-State*

Sharma K.D., Alghazali K.M., RanguMagar A.B., Pandanaboina S.C., Chhetri B.P., Ghosh A., Biris A.S., & Xie J.Y. (2018, December). *Nanostructured surfaces promote differentiation of neural stem cells into oligodendrocytes*. Poster presented at the Nanotechnology for Healthcare-A Winthrop Rockefeller Institute Conference, Morrilton, Ark.

Xie J.Y., Qu C., Munro G., Petersen K.A., & Porreca F. (2018, September). *Antihyperalgesic effects of meteorin in the rat chronic constriction injury (CCI) model: A replication study*. Poster presented at the 2018 International Association for the Study of Pain (ISAP) World Congress, Boston, Mass.

Xie J.Y. (2018, June). *Meteorin for neuropathic pain — a confirmation study*. Presentation at the Pain Mechanisms and Therapeutics Conference, Taormina, Sicily.

## Sheldon C. Yao, D.O.

*Associate Professor and Chairperson, Osteopathic Manipulative Medicine*

Angelo N., Mazzeo S., Oommen T., Zwibel H., Mancini J., Leheste J., & Yao S. (2018, November). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury: A pilot study*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e170. Doi: 10.7556/jaoa.2018.163. Awarded second place- Clinical OMM/OMT.

Arnavi V., Kooyman P., & Yao S. (2018, March). *Application of Osteopathic Manipulative Treatment (OMT) to treat respiratory dysfunction in Parkinson's Disease*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Aslanyan L., Silverberg C., Oommen T., Angelo N., Mancini J., & Yao S. (2018, March). *Cranial strain patterns associated with concussion*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Bandovic I., & Yao S. (2018, March). *Osteopathic treatment of the nasal passages and eustachian tube to address sinusitis in a pregnant patient*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

Docherty J.E.B., Chu K., Orshan D., Kulason K., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., & Yao S.C. (2018, October). *The effect of osteopathic manipulative treatment on reactive oxygen species in Parkinson's Disease*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e173. Doi: 10.7556/jaoa.2018.163.

- Docherty J., Koo S.L., Shinnors J., Terzella M.J., & Yao S. (2018, March). *The effect of Osteopathic Manipulative Medicine on tremor in Parkinson's Disease*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.
- Granat L., Docherty J., Terzella M.J., & Yao S. (2018, March). *Assessing the student and patient-reported efficacy of Osteopathic Manipulative Medicine (OMM) treatments in third and fourth year clerkships*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.
- Granat L.M., Docherty J.E.B., & Yao S.C. (2018, October). *Medical student use of Osteopathic Manipulative Medicine (OMM) in outpatient and inpatient clinical rotations*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e171. Doi: 10.7556/jaoa.2018.163.
- Li R., Docherty J.E.B., Koo S.L., Shinnors J., Terzella M.J., & Yao S. (2018, October). *Managing tremor in Parkinson's Disease using osteopathic manipulative medicine*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif., *Journal of the American Osteopathic Association*, 118(11), e166. Doi: 10.7556/jaoa.2018.163. Awarded first place Clinical OMM/OMT.
- Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y. Awarded second place student research.
- Panchmatia J., Docherty J.E.B., Kooyman P., Abu-Sbaih R., & Yao S.C. (2018, October). *Integration of pressure sensors in lumbar palpation education*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e175. Doi: 10.7556/jaoa.2018.163.
- Poon J., Docherty J.E.B., Mancini J.D., DiFrancisco-Donoghue J., Cheriyan G., Leder A., & Yao S.C. (2018, October). *Using wearable technology to measure the effectiveness of osteopathic manipulative treatment on Parkinson's Disease motor symptoms*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e150. Doi: 10.7556/jaoa.2018.163.
- Shermon S., Kooyman P., Leder A., & Yao S. (2018, March). *Effects of Osteopathic Manipulative Treatment of the cervical spine on post-concussive disorder symptoms: A case study*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.
- Shinnors J., Koo S.L., Docherty J., Terzella M.J., & Yao S. (2018, April). *The acute effect of Osteopathic Manipulative Medicine on upper extremity tremor in Parkinson's Disease*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS) Regional Osteopathic Convention (ROC-NY), Hauppauge, N.Y. Awarded third place student research.
- Weintraub J., Coombs A., Yao S., & Abu-Sbaih R. (2018, March). *Effects of Osteopathic Manipulative Treatment for Exotropia in a 6 year old female: A case report*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.
- Yao S. (2018, October). *Impact of OMM on Parkinson's Disease: Lessons learned and future directions*. Invited Speaker at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif.



## Eleanor Yusupov, D.O., M.P.H.

*Assistant Professor, Clinical Specialties*

Abdalla M., Yusupov E., Krishnamachari B., & Zwibel H. (2018, November). *Quality of hypertension care: An improvement initiative in 2 outpatient health care centers*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e163. Doi: 10.7556/jaoa.2018.163.

Siano J., Happel P., Rivera-Martinez S., Krishnamachari B., & Yusupov E. (2018, November). *Hepatitis C virus screening in the primary care setting: A prospective cohort study*. Poster presented at the American Medical Association (AMA) Research Symposium, Gaylord National Resort & Convention Center, National Harbor, Md.

Yusupov E., Rand S., Abdalla M., Krishnamachari B., & Zwibel H. (2018, April). *Implementation of a patient-centered hypertension care program in two academic health care centers*. Poster presented at the Stony Brook University Program in Public Health, Stony Brook, N.Y.

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

*Associate Professor, Biomedical Sciences*

Bantis K., Zhang Y., Kobayashi S., & Liang Q. (2018, April). *Mitophagy must be maintained at a certain level to provide cardioprotection in mice during fasting*. Poster presented at the Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

Chang M., Pinkhasova P., Kobayashi T., Patel R., Cohen M., Mehta P., Zhang Y., Kobayashi S., & Liang Q. (2018, April). *Metformin inhibits autophagy and mitophagy in cardiomyocytes*. Poster presented at the American Association of Anatomists Graduate Student Poster Award, Experimental Biology Annual Meeting, San Diego Convention Center, San Diego, Calif.

Nofi C., Zhang K., Tang Y.-D., Li Y., Migirov A., Ojamaa K., Gerdes A., & Zhang Y. (2018, July). *Dantrolene, a ryanodine receptor stabilizer, reduces atrial fibrillation in heart failure*. Invited Speaker at the International Academy of Cardiology Annual Scientific Sessions 2018, 23rd World Congress on Heart Disease, Boston, Mass. *Cardiology*, 140 (supplement 1), 84, abstract 071. Doi: 10.1159/000491714.

Migirov A., Siano J., Dedkov E.I., & Zhang Y. (2018, April). *Sympathetic nerve fibers within the cervical vagus nerve do not innervate the heart*. Poster presented at the Experimental Biology Annual Scientific Sessions Conference, San Diego, Calif. *FASEB Journal*, 32 (Supplement 1), abstract 593.4. [https://www.fasebj.org/toc/fasebj/32/1\\_supplement](https://www.fasebj.org/toc/fasebj/32/1_supplement)

Zhao F., Kobayashi S., Kobayashi T., Huang Y., Zhang Y., & Liang Q. (2018, July). *Mitophagy plays a protective role in the diabetic mouse heart*. Poster presented at the International Academy of Cardiology, 23rd World Congress on Heart Disease, Boston, Mass.

# Hallie Zwibel, D.O., MPH

*Assistant Professor, Department of Family Medicine and Director, Sports Medicine Center*

Abdalla M., Yusupov E., Krishnamachari B., & Zwibel H. (2018, November). *Quality of hypertension care: An improvement initiative in 2 outpatient health care centers*. Abstract & Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e163. Doi: 10.7556/jaoa.2018.163.

Angelo N., Mazzeo S., Oommen T., Zwibel H., Mancini J., Leheste J., & Yao S. (2018, November). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury: A pilot study*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e170. Doi: 10.7556/jaoa.2018.163.

Angelo N., Mazzeo S., Oommen T., Zwibel H., Mancini J., Leheste J., & Yao S. (2018, November). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury: A pilot study*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e170. Doi: 10.7556/jaoa.2018.163. Awarded second place- Clinical OMM/OMT.

Burg B.J., Varlotta C., Giordano J., Miceli J., Zwibel H., & Heller M. (2018, November). *The effect of subconcussive impacts on the neurocognitive function of men's collegiate lacrosse players from pre- to postseason*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e189. Doi: 10.7556/jaoa.2018.163.

Docherty J.E.B., Chinsky R., Zwibel H., & DiFrancisco-Donoghue J. (2018, November). *Health behaviors of eSport athletes*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e180. Doi: 10.7556/jaoa.2018.163.

Miceli J., Variotta C., Giordano J., Burg B., Zwibel H., & Heller M. (2018, November). *The effects of head impacts on verbal and visual memory in collegiate men's lacrosse players from pre-to postseason*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e157. Doi: 10.7556/jaoa.2018.163.

Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y. Awarded second place student research.

DiFrancisco-Donoghue J., Divan M., DeLuca A., Baranek C., Werner W.G., & Zwibel H. (2018, May). *Macronutrient intake and resting metabolic rate in middle and long distance recreational female runners*. Poster presented at the American College of Sports Medicine (ACSM) 66th Annual Meeting, Minneapolis, Minn.

Varlotta C., Zwibel H., & DiFrancisco-Donoghue J. (2018, April). *Body composition changes in male collegiate lacrosse players from preseason to post season*. Poster presented at the American College of Sports Medicine (ACSM) 66th Annual Meeting, Minneapolis, Minn.

Yusupov E., Rand S., Krishnamachari B., & Zwibel H. (2018, April). *Implementation of a patient-centered hypertension care program in two academic health care centers*. Poster presented at the Stony Brook University Program in Public Health Capstone, Stony Brook, N.Y.

Zwibel H. (2018, November). *eSports Medicine*. Speaker at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

## III. Honorees and Awardees

Adena Leder, D.O., FAAN

*Assistant Professor, Clinical Sciences; Medical Director of Adele Smither's Parkinson's Center*

**NYIT Experiential Education Award**, acknowledges the Rock Steady Boxing Program as an excellent learning experience for NYIT students.

**Second place poster award student research.** Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y.

Jayne D. Mancini, D.O., Ph.D.

*Assistant Professor, Osteopathic Manipulative Medicine*

**Second place poster award in Clinical OMM/OMT.** Angelo N., Mazzeo S., Oommen T., Zwibel H., Mancini J., Leheste J., & Yao S. (2018, November). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury: A pilot study*. Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e170. Doi: 10.7556/jaoa.2018.163.

**Second place poster award student research.** Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y.

**Third place student poster competition,** Gottlieb S., Tegay D., & Mancini J. (2018, March). *Use of Axial Myofascial Hydrostat Test in identifying areas of focus for Osteopathic Manipulative Treatment to relieve symptoms of Hypermobility Ehlers Danlos Syndrome — A case study*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

## Maria M. Plummer, M.D.

*Associate Professor, Clinical Sciences*

**Second place poster winner**, Kramer B., Saggio G., Oromendia C., Plummer M., & Shlofmitz E. (2018, October). *Distribution of coronary artery size and calcification: An anatomical cadaveric analysis*. Poster presented at the American College of Surgeons Medical Student Symposium, Boston, Mass.

## Gregory Saggio, D.O.

*Associate Professor, Department of Clinical Specialties*

**Second place poster winner**, Kramer B., Saggio G., Oromendia C., Plummer M., & Shlofmitz E. (2018, October). *Distribution of coronary artery size and calcification: An anatomical cadaveric analysis*. Poster presented at the American College of Surgeons Medical Student Symposium, Boston, Mass.

## Michael Terzella, D.O.

*Associate Professor, Osteopathic Manipulative Medicine*

**First place poster completion — Clinical OMM/OMT**. Li R., Docherty J.E.B., Koo S.L., Shinnors J., Terzella M.J., & Yao S. (2018, October). *Managing tremor in Parkinson's Disease using osteopathic manipulative medicine*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif.

**Third place for student research poster**. Shinnors J., Koo S.L., Docherty J., Terzella M.J., & Yao S. (2018, April). *The acute effect of Osteopathic Manipulative Medicine on upper extremity tremor in Parkinson's Disease*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y.

## Aleksandr Vasilyev, M.D., Ph.D.

*Assistant Professor, Biomedical Sciences*

**Award Winner for the Nephro360-Virtual Reality and Gaming Education Tool**. The American Society of Nephrology's Fourth Annual Innovations in Kidney Education contest. **Nephro360-Virtual Reality and Gaming Education Tool** by Aleksandr Vasilyev, Dylan Carmichael and Ivan Bandovic. Retrieved from <https://vimeo.com/279846286>.

## Akinobu Watanabe, Ph.D.

*Assistant Professor, Anatomy*

**Semi-Finalist in Regeneron Science Talent Search**. D'Amore, A. (mentee). Project: Habitat preference drives brain shape in crocodylomorphs.

## Sheldon C. Yao, D.O.

*Associate Professor and Chairperson, Osteopathic Manipulative Medicine*

**American Osteopathic Association (AOA) Research Dissemination Speaker Travel Award OMED 2018.**

*Impact of OMM on Parkinson's Disease: Lessons Learned and Future Directions.* Invited Speaker at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif.

**First place poster competition — Clinical OMM/OMT.** Li R., Docherty J.E.B., Koo S.L., Shinnars J., Terzella M.J., & Yao S. (2018, October). *Managing tremor in Parkinson's Disease using osteopathic manipulative medicine.* Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif., *Journal of the American Osteopathic Association*, 118(11), e166. Doi: 10.7556/jaoa.2018.163.

**Second place poster award student research.** Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion.* Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y.

**Second place poster award in Clinical OMM/OMT.** Angelo N., Mazzeo S., Oommen T., Zwibel H., Mancini J., Leheste J., & Yao S. (2018, November). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury: A pilot study.* Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e170. Doi: 10.7556/jaoa.2018.163.

**Third place for student research poster.** Shinnars J., Koo S.L., Docherty J., Terzella M.J., & Yao S. (2018, April). *The acute effect of Osteopathic Manipulative Medicine on upper extremity tremor in Parkinson's Disease.* Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y.

## Hallie Zwibel, D.O., MPH

*Assistant Professor, Department of Family Medicine and Director, Sports Medicine Center*

**Second place poster award student research.** Mazzeo S., Angelo N., Silverberg C., Oommen T., Lu V., Zwibel H., Leder A., Mancini J., & Yao S. (2018, April). *The effects of Osteopathic Manipulative Treatment (OMT) on SCAT-5 self-reported sleep symptoms in student athletes post-concussion.* Poster presented at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY) Convention, Hauppauge, N.Y.

**Second place poster award in Clinical OMM/OMT.** Angelo N., Mazzeo S., Oommen T., Zwibel H., Mancini J., Leheste J., & Yao S. (2018, November). *The effect of osteopathic manipulative medicine on oxidative stress following mild traumatic brain injury: A pilot study.* Abstract and Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e170. Doi: 10.7556/jaoa.2018.163.

## IV. Grant Recipients—Externally Sponsored

Jerry Balentine, D.O., FACEP

*Dean, College of Osteopathic Medicine, and Vice President,  
Health Sciences and Medical Affairs*

Meditation, Alignment with the Osteopathic Philosophy and Empathy in Osteopathic Medical Students: A Randomized Controlled Interventional Trial. 9/1/18–8/31/2020. American Osteopathic Association (AOA). Grant No. 2851807727.

A Novel Lifestyle Intervention Program to Improve Body Composition and Chronic Disease Biomarkers in Overweight Medical Students: A Randomized Trial. 9/1/2018–2/28/2020. American Osteopathic Association (AOA). Grant No. 2861807728.

Brian L. Beatty, Ph.D.

*Associate Professor, Anatomy*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter-and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

Maria A. Carrillo-Sepulveda,  
B.S.N., Ph.D.

*Assistant Professor, Biomedical Sciences*

Tissue-nonspecific Alkaline Phosphatase (TNAP)-induced Vascular Calcification and Atherosclerosis. National Institutes of Health. Grant No. 1R56HL131547-01A1. 09/15/2018–08/31/2019. Co-Investigator.

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

*Assistant Professor and Director, Clinical Research*

A Novel Lifestyle Intervention Program to Improve Body Composition and Chronic Disease Biomarkers in Overweight Medical Students: A Randomized Trial. 9/1/2018–2/28/2020. American Osteopathic Association (AOA). Grant No. 2861807728. Principal Investigator.



## Jonathan H. Geisler, Ph.D.

*Associate Professor and Chairperson, Anatomy*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter-and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

## Jonathan H. Geisler, Ph.D.

*Associate Professor and Chairperson, Anatomy*

## Brian L. Beatty, Ph.D.

*Associate Professor, Anatomy*

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

## Patricia Happel, D.O.

*Associate Professor, Department of Family Medicine and Associate Medical Director*

A Novel Lifestyle Intervention Program to Improve Body Composition and Chronic Disease Biomarkers in Overweight Medical Students: A Randomized Trial. 9/1/2018–2/28/2020. American Osteopathic Association (AOA). Grant No. 2861807728. Co-Principal Investigator.

## Simone Hoffmann, Ph.D.

*Assistant Professor, Anatomy*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter-and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

## Satoru Kobayashi, Ph.D.

*Instructor, Biomedical Sciences*

Lysosomal Dysfunction in the Diabetic Heart. American Heart Association. National—Winter 2015–2019. Scientist Development Grant Program. Award No. 15SDG25080077.

## Isaac Kurtzer, Ph.D.

*Assistant Professor, Biomedical Sciences*

SaTC: CORE: Small: RUI: Leveraging Movement, Posture, and Anthropometric Contexts to Strengthen the Security of Mobile Biometrics. Project period 10/1/2018–9/30/2021. National Science Foundation. Award No. CNS-1814846.



## Adena Leder, D.O., FAAN

*Assistant Professor, Clinical Sciences; Medical Director of Adele Smither's Parkinson's Center*

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

## To Shan Li, D.O.

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

Diabetes and OMM: A Randomized Controlled Trial. 9/1/2018–8/31/2020. American Osteopathic Association (AOA). Grant No. 2891807729. Additional Investigator.

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

*Associate Professor, Biomedical Sciences*

Deciphering the Role of Mitophagy in the Heart during Fasting. 12/15/2017–1/30/2020. National Institutes of Health, PA-16-200; Academic Research Enhancement Award (Parent R15). Award No. 1R15HL137130-01A1.

Leonidas Lantzounis Research Grant Award. PI: Katrina Bantis. 12/2017–11/2018. Hellenic Medical Society of New York. Mentor.

Necessity of AMPK Activation for Caloric Restriction-Induced Cardioprotection. 08/05/2014–6/30/2018. National Institutes of Health. PA-12-006; Academic Research Enhancement Award (Parent R15). Award No. 1R15HL120027.

The Cardioprotective Benefits of Prolonged Fasting. 9/1/2018–8/31/2019. American Osteopathic Association (AOA). Grant No. 2480MS 1807605. Mentor.

## Julia Molnar, Ph.D.

*Assistant Professor, Anatomy*

Hoffmann S. (PI).: Acquisition of a high-energy micro-computed tomography scanner for inter-and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

## Maria M. Plummer, M.D.

*Associate Professor, Clinical Sciences*

Tissue-nonspecific Alkaline Phosphatase (TNAP)-induced Vascular Calcification and Atherosclerosis. National Institute of Health. Grant No. 1R56HL131547-01A1. 09/15/208–08/31/2019. Co-Investigator.

## Raddy L. Ramos, Ph.D.

*Assistant Professor, Biomedical Sciences*

Impact of Methamphetamine Induced IL-6 Production on Wound Healing and Inflammation. National Institutes of Health, PA-13-313; Academic Research Enhancement Award (Parent R15). Award No. 1 R15 GM117501-01A1. Project period 8/1/2016–7/31/2019.

## Sonia Rivera-Martinez, D.O.

*Associate Professor and Associate Medical Director*

Diabetes and OMM: A Randomized Controlled Trial. 9/1/2018–8/31/2020. American Osteopathic Association (AOA). Grant No. 2891807729.

## Gregory Saggio, D.O.

*Associate Professor, Department of Clinical Specialties*

Introduction to Clinical Medicine 2018. Ethicon, Inc./Johnson & Johnson. Grant Identification No. 306811.

## Olga V. Savinova, Ph.D.

*Assistant Professor, Biomedical Sciences*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter- and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

Tissue-nonspecific Alkaline Phosphatase (TNAP)-induced Vascular Calcification and Atherosclerosis. National Institutes of Health. Grant No. 1R56HL131547-01A1. 09/15/2018–08/31/2019. Principal Investigator.

## Nathan E. Thompson, Ph.D.

*Assistant Professor, Anatomy*

The Biomechanics of Specific Locomotion used by Our Closest Living Primate Relatives. The National Science Foundation. Award No. SMA 1719432. 08/15/2016–7/31/2019. Co-PIs: Dr. Sergio Almécija, Dr. Shannon McFarlin.

## Aleksandr Vasilyev, M.D., Ph.D.

*Assistant Professor, Biomedical Sciences*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter- and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

## Akinobu Watanabe, Ph.D.

*Assistant Professor, Anatomy*

Ecomorphological diversification and the origin of phenotypic disparity in crocodile-line archosaurs. Collaborative Research, National Science Foundation, Division of Environmental Biology, Award No. DEB-1754659. Project period 5/1/2018–4/30/2021.

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter-and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

## Yanhua Y. Xie, Ph.D.

*Assistant Professor, Biomedical Sciences, NYITCOM at A-State*

Biomarker Assessment of Osteopathic Manipulation in Relieving Migraine Headache Using a Novel Translational Rodent Model. Undergraduate Research Scholar Program (Arkansas State University). Project period 8/1/2018–5/31/2019.

Multifunctional and Tunable Nanostructured Surfaces. Arkansas Advancing and Supporting Science, Engineering, and Technology (ASSET) III, National Science Foundation, Award No. 1457888. Project period 2018–2020. Co-Investigator.

## Sheldon C. Yao, D.O.

*Associate Professor and Chairperson, Osteopathic Manipulative Medicine*

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

*Assistant Professor and Director, Clinical Research*

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

*Assistant Professor, Osteopathic Manipulative Medicine*

## Adena Leder, D.O.

*Assistant Professor, Clinical Sciences; Medical Director of Adele Smither's Parkinson's Center*

## Min-Kyung Jung, Ph.D.

*Biostatistician, Research*

## Sim Basta, M.H.S., P.A.

*Manager, Rehab Services, Academic Health Care Center*

Effect of Osteopathic Manipulative Medicine on Balance, Motor Function, and Biomarkers in Parkinson's disease. American Osteopathic Association. Award No. 431607710. 9/1/2016–8/31/2018.

# Haotian Zhao, Ph.D.

*Associate Professor, Biomedical Sciences*

(PQ1) Molecular circuit of multi-ciliogenesis regulates choroid plexus differentiation and tumor development. National Institutes of Health. Award No. 5R01CA220551-03. Project period: 9/1/2017–8/31/2022.

# V. Grant Recipients—Internally Sponsored

Isaac Kurtzer, Ph.D.

*Assistant Professor, Biomedical Sciences*

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

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

*Associate Professor, Biomedical Sciences*

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

Sonia Rivera-Martinez, D.O., FACOFP

*Associate Professor, Department of Family Medicine and Associate Medical Director*

R-CUBED: Relief x Reconstruction x Resiliency, Building Infrastructures with a Multidisciplinary Disaster Response Collective. Co-Principal Investigator. ISRC Grant.

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

*Assistant Professor, Biomedical Sciences*

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

“Action is the  
foundational key  
to all success.”

— Pablo Picasso

# School of Architecture and Design



# I. Authors

## Wilmer Patricio Cantos, Ph.D., Assoc. AIA, A.M. ASCE

*Adjunct Professor, Architecture and Design*

Tinelli S., Juran I., & Cantos W. (2018). Development of risk assessment tools for early detection of bio-contaminations in water distribution system. *Water Science and Technology: Water Supply*, 18 (6), 2151–2161. Doi: 10.2166/ws.2018.036.

## Dong-Sei Kim, M.Des., M.S.AUD, B.Arch.

*Assistant Professor, Architecture*

Kim D. (2018). Metamorphosis of a Zone. *Topos: The International Review of Landscape Architecture and Urban Design*, 104, 74–79. Accessed from <https://www.toposmagazine.com/zeitschriften/topos-104-borders/>

## Marcella Del Signore, M.Arch, RA

*Associate Professor, Architecture and Design*

Anzalone P., Del Signore M., & Wit A.J. (Eds.). (2018). *Acadia 2018 recalibration: On imprecision and infidelity: Proceedings of the 38th annual conference of the association for computer aided design in architecture*. Mount Pleasant, S.C.: Acadia Publishing Company. Available from <https://www.amazon.com/Acadia-2018-Recalibration-Imprecision-Architecture/dp/0692177299>

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Del Signore M., & Riether G. (2018). *Urban machines: Public space in a digital culture*. Trento, Italy: LISTLab. Available from <http://www.listlab.eu/en/catalogo/libri/urban-machine/>.

## Naomi Frangos, B.Sc.Arch., B.Arch., M.Arch. in History/Theory

*Associate Professor, Architecture*

Frangos N. (2018, November 9). Anticipated incarnations of Jenny Sabin studio's LUSTER. *The Architect's Newspaper*. Retrieved from <https://archpaper.com/2018/11/anticipated-incarnations-of-jenny-sabin-studios-luster/>

Frangos N. (2018). (Curator and Publisher). *Inhabiting Surface: Studies in Variable Formwork Design*. Retrieved from [http://www.academia.edu/37122221/Inhabiting\\_Surface\\_-\\_Studies\\_in\\_Variable\\_Formwork\\_Design](http://www.academia.edu/37122221/Inhabiting_Surface_-_Studies_in_Variable_Formwork_Design)

Frangos N. (2018, January 25). [Named in] Dancing up a form, by David Theodore, Ph.D. *Canadian Architect*. Acclaimed for her design work on ESPACE DANSE, Montreal, Canada. Retrieved from <https://www.canadianarchitect.com/features/espace-danse-wilder-building/>

Schweder A. (2018, April 24). Trace solids: Experiments with fabric form concrete on view at NYIT. *The Architect's Newspaper*. Review of the exhibition *Inhabiting Surface, Studies in Variable Formwork Design*. Retrieved from <https://archpaper.com/2018/04/inhabiting-surface-fabric-form-concrete-nyit/>

## Farzana Gandhi, AIA, LEED AP

*Associate Professor, Architecture*

Gandhi F., Blair K., Griffin C., Neveu M., Rashed-Ali H., Tsubaki K., & Ulhein M. (2018). *ACSA White Paper on Architectural Education/Research and STEM*, 1–29. Retrieved from <http://www.acsa-arch.org/resources/faculty-resources/architectural-education-research-and-stem>

## Charles Albert Matz III, AIA RIBA

*Associate Professor, Architecture and Design, and Director, Interior Design Program*

Khorsandi S., & Webre D. (2018). *Paul Rudolph: The New Space Concept*. Dillon J., & Matz C.A. (Eds.). Napa Valley, California: Crucible Press LLC.

Matz III C.A. (2018). State-sponsored sustainability within the Emirate of Abu Dhabi. In Brinkmann R., & Garren S.J. (Eds.). *Palgrave Handbook of Sustainability: Case Studies and Practical Solutions* (Epub, pp. 803–833). Doi: 10.1007/978-3319713885.

## Nader Vossoughian, Ph.D.

*Associate Professor, Architecture*

Vossoughian N. (2017). The Birth of DIN 4171: Design, Forced Labor, and the Standardization of “Widerspruchsfreiheit” in Nazi Germany. In von Engelberg-Dočkal E., Krajewski M., & Lausch F. (Eds.). *Mimetische Praktiken in der neueren Architektur*, 64–76. Retrieved from [https://www.academia.edu/34473526/The\\_Birth\\_of\\_DIN\\_4171\\_Design\\_Forced\\_Labor\\_and\\_the\\_Standardization\\_of\\_Widerspruchsfreiheit\\_in\\_Nazi\\_Germany](https://www.academia.edu/34473526/The_Birth_of_DIN_4171_Design_Forced_Labor_and_the_Standardization_of_Widerspruchsfreiheit_in_Nazi_Germany)

Vossoughian N. (2018). The language of the world museum. In Beck M., Bregengaard K., et.al. *Re-reading the Manual of Travelling Exhibitions*, 155–162. Berlin: Spector Books.

Vossoughian N. (2018). Quality Control. *Arch+*, 233, 50–59. Retrieved from <https://www.archplus.net/home/archiv/artikel/46,4990,1,0.html>

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## II. Presenters at Meetings

### Marcella Del Signore, M.Arch, RA

*Associate Professor, Architecture and Design*

Del Signore M. (2018, March). *Interscalar operations: Prototyping future cities*. Invited International Guest Speaker at the Leicester School of Architecture, International Lecture Series, De Montfort University, Leicester, England.

Del Signore M. (2018, April). *Interscalar operations*. Invited Guest Speaker at the School of Architecture, Rensselaer Polytechnic Institute, Troy, N.Y.

Del Signore M. (2018, April). *Prototyping future cities: Metabolism of a city*. Workshop at the NYIT School of Architecture and Design, NYIT-Manhattan.

Del Signore M. (2018, April). *Robotic touch, how robots change architecture*. Respondent for invited lecturer Fabio Gramazio. NYIT Auditorium on Broadway, New York City.

Del Signore M. (2018, October). *Fabricated urban environments*. Invited Guest Speaker at the School of Architecture, International Lecture Series, Universidad Autonoma Benito Juarez, Oaxaca, Mexico.

### Naomi Frangos, B.Sc.Arch., B.Arch., M.Arch. in History/Theory

*Associate Professor, Architecture*

Frangos N. (2018, January). *Inter-scalar tomographies: Making of solid, surface, space*. Invited Speaker at the Cal Poly Pomona Lecture Series, Interim Design Building 89, Pomona, Calif.

Frangos N. (2018, February). *Architecture in-formation*. Moderator for invited lecturer Pablo Lorenzo-Eiroa. NYIT Auditorium on Broadway, New York City.

Frangos N. (2018, April). *Robotic touch, how robots change architecture*. Moderator for invited lecturer Fabio Gramazio. NYIT Auditorium on Broadway, New York City.

Frangos N. (2018, July). *Modular variable systems in flexible formwork design*. Paper presented at the International Association for Shell and Spatial Structures Symposium, Massachusetts Institute of Technology, Boston, Mass. In Mueller C., and Adriaenssens S. (Eds.). *Proceedings of the IASS Symposium 2018, Creativity in Structural Design*, 1–7. <https://iass-structures.org/>

Frangos N. (2018, October). *Generative Misbehavior at Play*. Paper presented at the Association of Collegiate Schools of Architecture (ACSA) Fall Conference, *Play with the Rules*. University of Milwaukee, Milwaukee, Wis. <http://www.acsa-arch.org/programs-events/conferences/fall-conference/2018-fall-conference/schedule>

Frangos N. (2018, October). *Solid, surface, space: Inter-scaler tomography in variable formwork*. Paper presented at the 2018 Design Communication Association (DCA) Conference, *Virtual + Actual: Process and Product of Design*. Cornell University, Ithaca, N.Y. In *Proceedings of the Design Communication Association Conference*, 330–333. <https://www.designcommunicationassociation.org/>

## Farzana Gandhi, AIA, LEED AP

*Associate Professor, Architecture*

Gandhi F., & Crespo Y. (2018, June). *An architecture of disPLACEMENT: the Puerto Rico crisis after hurricane Maria*. Presentation at the 2018 International Association of Collegiate Schools of Architecture ACSA/COAM New Instrumentalities Conference, Madrid, Spain.

## Dong-Sei Kim, M.Des., M.S.AUD, B.Arch.

*Assistant Professor, Architecture*

Kim D. (2018, June). *Imagining the impossible: The DMZ as a productive territory*. Invited Speaker to the Urban Design Lecture Series, Columbia University, Graduate School of Architecture, Planning and Preservation, New York City. <https://www.arch.columbia.edu/events/1005-dongsei-kim>

Kim D. (2018, June). *The politics of space and its shadows*. Presentation at the New Instrumentalities, Association of Collegiate Schools of Architecture (ACSA) and El Colegio Oficial de Arquitectos de Madrid (COAM) International Conference, Madrid, Spain. <http://www.acsa-arch.org/programs-events/conferences/international-conference/2018-international>

Kim D. (2018, September). *Imagining the impossible: The DMZ as a productive territory*. Invited Speaker at the Sherman Korea Emerging Scholar Lecture at the Korea Society, New York City. <https://www.koreasociety.org/policy-and-corporate-programs/item/1197-imagining-the-impossible-the-dmz-as-a-productive-territory>

Kim D. (2018, October). *Undoing the demilitarized zone: The agency of architectural intelligence*. Presentation at the PLAY with the Rules 2018 Association of Collegiate Schools of Architecture (ACSA) Fall Conference, Milwaukee, Wis. <http://www.acsa-arch.org/programs-events/conferences/fall-conference/2018-fall-conference>

## Giovanni Santamaria, Ph.D.

*Associate Professor, Architecture and Design*

Santamaria G. (2018, November). *Metabolic processes of transformation in fragile environments*. Guest speaker and student coordinator at the International Workshop M.A. Rio-Metropolitan Architecture for Rio de Janeiro, PUC-Rio University, Rio de Janeiro, Brazil.

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

*Professor, Architecture and Design*

Schwarting J.M. (2018, June). *Rome: Urban Formation and Transformation*. Invited lecture at Sapienza University, Rome Italy.

Schwarting J.M. (2018, June). *Rome: Urban Formation and Transformation*. Invited lecture at the Florence Institute of Design, Florence Italy.

# III. Honorees and Awardees

## Marcella Del Signore, M.Arch, RA

*Associate Professor, Architecture and Design*

**First Prize, Duncan Plaza Competition, Vector Flow Project.** Competition for full scale fabrication and implementation of responsive prototype in public space. Organizations: Arts Council of New Orleans + Downtown development District, December 2018.

Nominated for **The Plan Design Award**, an international design award for the **Urban Syncopation Project**. <https://theplan.it/eng/award-2018-specialprojects/urban-syncopation--1>

**Technical Co-Chair**, 2018 ACADIA (Association of Computer Aided Design in Architecture) Conference, re-Calibration: On imprecision and infidelity, Universidad Iberoamericana, Mexico City, Mexico, October 2018. <http://2018.acadia.org>

## Naomi Frangos, B.Sc.Arch., B.Arch., M.Arch. in History/Theory

*Associate Professor, Architecture*

**Co-editor and Editorial Board Chair** of the Design Communication Association Biennial Journal Representation. <https://www.designcommunicationassociation.org/>

## Farzana Gandhi, AIA, LEED AP

*Associate Professor, Architecture*

**2018 NYIT Presidential Engagement Award for Student Engagement by Faculty.**

Dong-Sei Kim, M.Des., M.S.AUD,  
B.Arch.

*Assistant Professor, Architecture*

**2018 Sherman Family Korea Emerging Scholar**, the Korea Society, New York City. May 2018. <https://koreasociety.org/policy-and-corporate-programs/item/1052-sherman-family-emerging-scholar-lecture-series>

**Gapado Artist in Residence (Gapado AiR)**, Jeju, Korea. An artist in residency nominated by Martino Stierli, The Philip Johnson Chief Curator of Architecture and Design at the Museum of Modern Art (MoMA). July 2018.

## IV. Designers and Exhibitors

Marcella Del Signore, M.Arch, RA

*Associate Professor, Architecture and Design*

**Exhibition Curator** for the DATA+ MATTER Exhibition at the GGA Foundation for the 2018 Architecture Venice Biennale in Venice, Italy. 'DATA+MATTER' is a curated collective exhibition showing work by twelve leading international architects that aims to review emerging and novel forms of reading and producing space that connect/visualize data, responsive systems and sensing/actuation technologies through the micro and the macro urban scales. May 2018. <https://dataandmatter.wordpress.com>

**Visualizing | Representing | Generating**. NYIT School of Architecture Visualization sequence Exhibition, Central Gallery, Ed-Hall, NYIT-Long Island, Old Westbury, N.Y. September 2018.

Dong-Sei Kim, M.Des., M.S.AUD,  
B.Arch.

*Assistant Professor, Architecture*

Kim D. (2018, October). *Undoing the demilitarized zone: The agency of architectural intelligence*. Exhibited work at the PORTMANTEAU (suitcase) EXHIBIT, Schroeder Galleria, Milwaukee Art Museum (MAM), Milwaukee, Wis. <http://www.acsa-arch.org/programs-events/conferences/fall-conference/2018-fall-conference/exhibits>

Naomi Frangos, B.Sc.Arch., B.Arch.,  
M.Arch. in History/Theory

*Associate Professor, Architecture*

**Curator** of *Inhabiting Surface: Studies in Variable Formwork Design*. Center Gallery, Ed Hall, NYIT-Long Island, Old Westbury, N.Y. February 2018.

**Co-Curator** of *Topographic Organisms* with artist Mike Nesbit and Rennie Tang. 2424 W Washington Street Gallery, Los Angeles, Calif. January 2018.

# V. Grant Recipients—Externally Sponsored

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

Vector-Flow: Design and Full Scale Urban Prototype for Duncan Plaza, New Orleans, La. The grant supports the design development, fabrication and full on-site implementation for the opening of Luna Fete 2018, from December 6–9, 2018. Project designers: Marcella Del Signore and Cordula Roser Gray. <https://www.neworleans.com/event/luna-f%C3%A4te/3227/>

Naomi Frangos, B.Sc.Arch., B.Arch.,  
M.Arch. in History/Theory  
*Associate Professor, Architecture*

Inhabiting Surface: Play-scapes for Learned Environments. The American Institute of Architecture Students (AIAS) Freedom by Design project. Supervisor for the Fabric Form Play-Structure, Center Street School, Herricks, N.Y.

Jeffrey Raven, MSt.  
*Associate Professor and Director, Masters Architecture in Urban and Regional Design*

Belmont Forum Food-Water-Energy Nexus: Integrated analysis and modeling for the management of sustainable urban Food Water Energy Resources. Project period:7/1/2018–6/30/2021, National Science Foundation. Award no. 1830718. Co-Principal Investigator.



## VI. Grant Recipients—Internally Sponsored

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

*Associate Professor, Architecture*

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

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

Robert Cody, B.Arch

*Academic Coordinator, Director, Architecture*

R-CUBED: Relief x Reconstruction x Resiliency, Building Infrastructures with a Multidisciplinary Disaster Response Collective. Co-Principal Investigator. ISRC Grant.

Naomi Frangos, B.Sc.Arch., B.Arch.,  
M.Arch. in History/Theory

*Associate Professor, Architecture*

Bioinformed Structural Joint System Design: From Biological Morphologies to Variable Assemblies. Principal Investigator. ISRC Grant.

Fabricating Intuitive Innovation in Digital Design (FIND). Principal Investigator. ISRC Grant.

Farzana Gandhi, AIA, LEED AP

*Associate Professor, Architecture*

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

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

R-CUBED: Relief x Reconstruction x Resiliency, Building Infrastructures with a Multidisciplinary Disaster Response Collective. Principal Investigator. ISRC Grant.

Jan Greben, B.Arch., M.S. Advanced  
Architectural Design

*Adjunct Associate Professor, Architecture and Interior Design*

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

## Dong-Sei Kim, M.Des., M.S.AUD, B.Arch.

*Assistant Professor, Architecture*

Project DMZ: 30-Years After. Principal Investigator. ISRC Grant.

Union Point: Prototyping a Smart City. Principal Investigator. Student-Led Architecture Build (sLAB) Grant at the School of Architecture and Design.

## Nader Vossoughian, Ph.D.

*Associate Professor, Architecture*

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

## Dustin White, B.Sc. Arch, M.Arch

*Director, Digital Technologies and Fabrication*

Bioinformed Structural Joint System Design: From Biological Morphologies to Variable Assemblies. Co-Principal Investigator. ISRC Grant.

# College of Engineering and Computing Sciences

# I. Authors

## Reza K. Amineh, Ph.D., SMIEEE

**Assistant Professor, Electrical and Computer Engineering**

Amineh R.K., Ravan M., Wu H., & Kasturi A. (2018). Three-dimensional holographic imaging using data collected over cylindrical apertures. *Microwave and Optical Technology Letters*, 1–5. Doi: 10.1002/mop.31694.

Amineh R.K., Ravan M., Sharma R., & Baua S. (2018). Three-dimensional holographic imaging using single frequency microwave data. *International Journal of Antennas and Propagation*, Volume 2018, Article ID 6542518, 1–14. Doi: 10.1155/2018/6542518.

Artan N.S., & Amineh R.K. (2018). Wireless power transfer to medical implants with multi-layer planar coils. In *Emerging Capabilities and Applications of Wireless Power Transfer* (chapter 9). Doi: 10.4018/978-1-5225-5870-5.ch009.

Baua S., & Amineh R.K. (2018). Achieving range resolution in holographic imaging using single frequency microwave data. In *2018 IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting*, 1–2. Doi: 10.1109/APUSNCURSINRSM.2018.8608592.

Baua S., Amineh R.K., & Artan N.S. (2018). Wireless power transfer with multi-layer planar spiral coils as secondary coils. In *2018 IEEE Wireless Power Transfer Conference (WPTC)*, 1–4. Doi: 10.1109/WPT.2018.8639247.

Patel A., & Amineh R.K. (2018). Sub-diffraction holographic imaging with resonant scatterers in proximity of the objects. In *2018 USNC-URSI Radio Science Meeting (Joint with AP-S Symposium)*, 149–150. Doi: 10.1109/USNC-URSI.2018.8602574.

Wu H., Amineh R.K., & Ravan M. (2018). Near-field holographic microwave imaging using data collected over cylindrical apertures. In *2018 18th International Symposium on Antenna Technology and Applied Electromagnetics (ANTEM)*, 1–2. Doi: 10.1109/ANTEM.2018.8572989.

## N. Sertac Artan, Ph.D.

**Assistant Professor, Electrical and Computer Engineering**

Artan N.S., & Amineh R.K. (2018). Wireless power transfer to medical implants with multi-layer planar coils. In *Emerging Capabilities and Applications of Wireless Power Transfer* (chapter 9). Doi: 10.4018/978-1-5225-5870-5.ch009.

Baua S., Amineh R.K., & Artan N.S. (2018). Wireless power transfer with multi-layer planar spiral coils as secondary coils. In *2018 IEEE Wireless Power Transfer Conference (WPTC)*, 1–4. Doi: 10.1109/WPT.2018.8639247.

Chu Y.C., Chang-Chien L.R., Artan N.S., Czarkowski D., Chang C.H., Zou J., & Chao H.J. (2018). On-chip AC–DC multiple-power-supplies module for transcutaneously powered wearable medical devices. *IEEE Transactions on Industry Applications*, 54(2), 1724–1736. Doi: 10.1109/TIA.2017.2767549.

Jain\* E., Brown\* S., Chen\* J., Neaton\* E., Baidas\* M., Dong Z., Gu H., & Artan N.S. (2018). Adversarial text generation for Google's Perspective API. *Proceedings of the 2018 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1–6. Accessed from <https://americancse.org/events/csci2018>

Zhang# M., Artan N.S., Gu H., Dong Z., Ganatra L.B., Shermon S., & Rabin E. (2018). Gait study of Parkinson's Disease subjects using haptic cues with a motorized walker. *Sensors*, 18(10), 3549. Doi: 10.3390/s18103549.

(\*)= undergraduate student, (#) = graduate student

## Kiran S. Balagani, Ph.D.

*Assistant Professor, Computer Sciences*

Balagani K., Conti M., Gasti P., Georgiev M., Gurtler T., Lain D., Miller C., Molas K., Samarin N., Saraci E., Tsudik G., & Wu L. (2018). Silk-TV: Secret Information Leakage from Keystroke Timing Videos. In Lopez J., Zhou J., Soriano M (Eds.). *Computer Security, European Symposium on Research in Computer Security (ESORICS 2018). Lecture Notes in Computer Science*, vol. 11098, 263–280, Springer, Cham.

Yang Q., Gasti P., Balagani K., Li Y., & Zhou G. (2018). USB side-channel attack on Tor. *Computer Networks*, 141, 57–66. Doi: 10.1016/j.comnet.2018.05.018.

Yang Q., Peng G., Gasti P., Balagani K., Li Y., & Zhou G. (2019, epub August 31, 2018) Meg: Memory and energy efficient garbled circuit evaluation on smartphones. In *Transactions on Information Forensics and Security (T-IFS)*, 14(4), 913–922. Doi: 10.1109/FIFS.2018.2868221.

## Babak D. Beheshti, Ph.D.

*Professor and Dean, College of Engineering and Computing Sciences*

Al Shebli H.M.Z., & Beheshti B.D. (2018). Light weight cryptography for resource constrained IoT devices. *Proceedings of the Future Technologies Conference*, 1–10. Doi: 10.1007/978-3-030-02686-8-16.

Al Shebli H.M.Z., & Beheshti B.D. (2018). A study on penetration testing process and tools. *2018 IEEE Systems, Application and Technology*, 1–7. Doi: 10.1109/LISAT.2018.8378035.

Sallam S., & Beheshti B.D. (2018). A survey on lightweight cryptographic algorithms. In *Proceedings of the IEEE Tencon 2018*, paper # 1570485181.

## Houwei Cao, Ph.D.

*Assistant Professor, Computer Sciences*

Chan\* L., Peng\* P., Liu\* X., Cao\* X., & Cao H. (2018). A fast and simple sample-based T-shirt image search engine. *Proceedings of the Future Technologies Conference*. Doi: 10.1007/978-3-030-0266-8\_5.

Li G., Shen Q., Liu Y., Cao H., Han Z., Li F., & Li J. (2018). Data-driven approaches to edge caching. *Proceedings of ACM SIGCOMM 2018 Workshop on Networking for Emerging Applications and Technologies*, 8–14. Doi: 10.1145/3229574.3229582.

Yang C., Ren S., Liu Y., Cao H., Yuan Q., & Han G. (2018). Personalized channel recommendation deep learning from a switch sequence. *IEEE Access* w 6, 50824–50838. Doi: 10.1109/ACCESS.2018.2869470.

(\*) NYIT undergraduate students

## Dorinamaria Carka, Ph.D.

*Assistant Professor, Mechanical Engineering*

Carka D., & Lynch C.S. (2018). Ferroelectric and ferromagnetic phase field modeling. In: Schröder J., D.C. Lupascu (Eds.), *Ferroc Functional Materials*. CISM International Centre for Mechanical Sciences (Courses and Lectures), 581, 55–96. Springer, Cham. Doi: 10.1007/978-3-319-68883-1\_2.

Furniss J., Carka D., Voiculescu I., Lee K-L., Xiang D., & Li F. (2018). Surface acoustic wave (SAW) sensors for cryogenic temperature and strain sensing. In *Proceedings of the 6th IEEE International Conference on Wireless for Space and Extreme Environments*, 1–6.

## Batu K. Chalise, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Chalise B.K., & Amin M.G. (2018). Performance tradeoff in a unified system of communications and passive radar: A secrecy capacity approach. *Digital Signal Processing*, 82, 282–293. Doi: 10.1016/j.dsp.2018.06.017.

Chalise B.K., & Himed B. (2018). Performance tradeoff in a unified multi-static passive radar and communication system. In *Proceedings of the 2018 IEEE Radar Conference*, 653–658. Doi: 10.1109/RADAR.2018.8378636.

Chalise B.K., & Himed B. (2018). GLRT detector in single frequency multi-static passive radar systems. *Signal Processing*, 142, 504–512. Doi: 10.1016/j.sigpro.2017.07.001.

Chalise B.K., Suraweera A., Zheng G., & Wichman R. (2018). Physical layer techniques for 5G wireless security. In Al-Dulaimi A., Wang X., & Chih-Lin I. (Eds.) *5G Networks: Fundamental Requirements, Enabling Technologies, and Operations Management*, Chapter 6. John Wiley & Sons, Inc. Doi: 10.1002/9781119333142.ch6.

Mobini Z., Chalise B.K., Mohammadi M., Suraweera H.A., & Ding Z. (2018). Proactive eavesdropping using UAV systems with full-duplex ground terminals. *2018 IEEE International Conference on Communications Workshops*, 1–6. Doi: 10.1109/ICCW.2018.8403632.

Mohammadi M., Chalise B.K., Hakimi Z., Mobini Z., Suraweera H.A., & Ding Z. (2018). Beamforming design and power allocation for full-duplex non-orthogonal multiple access cognitive relaying. *IEEE Transactions on Communications*, 66(12), 5952–5965. Doi: 10.1109/TCOMM.2018.2858811.

## Sonali Chandel, MSIT

*Instructor, Computer Science, NYIT—Nanjing (China)*

Chandel S., Ni T., & Yang G. (2018). Enterprise Cloud: Its Growth and Security Challenges in China. In *Proceedings of the 5th IEEE International Conference on Cyber Security and Cloud Computing (CSCloud)/2018 4th IEEE International Conference on Edge Computing and Scalable Cloud (EdgeCom)*, 144–152. Doi: 10.1109/CSCloud/EdgeCom.2018.00034.

Chandel S., Yuying Y., Yujie G., Razaque A., & Yang G. (2019, epub 2 November 2018) Chatbot: Efficient and Utility-Based Platform. In: Arai K., Kapoor S., Bhatia R. (eds.) *Intelligent Computing SAI 2018. Advances in Intelligent Systems and Computing*, 858. Springer, Cham. Doi:10.1007/978-3-030-01174-1\_9.

Zhipeng Z., Chandel S., Jingyao S., Shilin Y., Yunnan Y. & Jingji Z. (2018). VPN: a Boon or Trap?: A Comparative Study of MPLS, IPSec, and SSL Virtual Private Networks. In *Proceedings of the 2018 Second International Conference on Computing Methodologies and Communication (ICCMC)*, 510–515. Doi: 10.1109/ICCMC.2018.8487653

## Ziqian Dong, Ph.D.

*Associate Professor, Electrical and Computer Engineering*

Dong Z., Assaf-Anid N., & Panero M. (2018). Urban infrastructures: Analysis and modeling for their optimal management and operation. *NSF FEW Workshop Synthesis Report*, 1–40. NSF Award # 1762212; <http://bit.ly/2A5s8bs>

Jain\* E., Brown\* S., Chen\* J., Neaton\* E., Baidas\* M., Dong Z., Gu H., & Artan N.S. (2018). Adversarial text generation for Google's Perspective API. *Proceedings of the 2018 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1–6. Accessed from <https://americancse.org/events/csci2018>

Sule# O.T., Rojas-Cessa R., Dong Z., & Lin C.B. (2018). A split-central-buffered load-balancing cros-network switch with in-order forwarding. *IEEE/ACM Transactions on Networking*, 1–17. Doi: 10.1109/TNET.2018.2883747.

Wan# Y., & Dong Z. (2018). Feature reduction for classification of daily activities through kinematic data from smartphones. *Smart Health*, 5–6, 40–50. Doi:10.1016/j.smhl.2017.10.001.

Zhang# M., Artan N.S., Gu H., Dong Z., Ganatra L.B., Shermon S., & Rabin E. (2018). Gait study of Parkinson's Disease subjects using haptic cues with a motorized walker. *Sensors*, 18 (10), 3549. Doi: 10.3390/s18103549.

(\*)= undergraduate student, (#) = graduate student

## Rishabh Dudheria, Ph.D.

*Assistant Professor, Electrical and Computer Engineering,  
NYIT-Nanjing (China)*

Dudheria R. (2018). Assessing vulnerability of mobile messaging Apps to man-in-the middle (MitM) attack. *International Journal of Computer Network and Information Security (IJCNIS)*, 7, 23–35. Doi: 10.5815/ijcnis.2018.07.03.

## Aydin Farajidavar, Ph.D.

*Associate Professor and Chairperson, Electrical and Computer  
Engineering, Long Island*

Abukhalaf Z., Javan-Khoshkholgh A., Alrofati W., & Farajidavar A. (2018). A 32-channel wireless configurable system for electrical stimulation of the stomach. In *Proceedings of the 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 4178–4181. Doi: 10.1109/EMBC.2018.8513369.

Alhayajneh A., Baccarini A.N., Weiss G.M., Hayajneh T., & Farajidavar A. (2018). Biometric authentication and verification for medical cyber physical systems. *Electronics*, 7 (12), 436, 1–17. Doi: 10.3390/electronics7120436.

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Bao R., Javan-Khoshkholgh A., Alrofati W., & Farajidavar A. (2018). Towards a distributed multi-channel system for studying gastrointestinal tract. *Proceedings of the 2018 IEEE International Microwave Biomedical Conference*, 79–81. Doi: 10.1109/IMBIOC.2018.8428928.



- Farajidavar A. (2018). Bioelectronics for mapping gut activity. *Brain Research*, 1693, Part B, 169–173. Doi: 10.1016/j.brainres.2018.03.004.
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- Miller L., Farajidavar A., & Vegesna A. (2018). Use of bioelectronics in the gastrointestinal tract. *Cold Spring Harbor Perspectives in Medicine*, a034165. Doi: 10.1101/cshperspect.a034165.
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## Brian J. Galli, Ph.D.

*Adjunct Instructor, Mechanical Engineering*

- Galli B.J. (2018). Application of system engineering to project management: How to view their relationship. *International Journal of System Dynamics Application*, 7(4), 76–96. Doi: 10.4018/IJSDA.2018100105.
- Galli B.J. (2018). A research study on how project management can help improve lean six sigma: A proposed approach. *International Journal of Service Science, Management, Engineering, and Technology*, 9(4), 1–25. Doi: 10.4018/IJSSMET.2018100101.
- Galli B.J. (2018). Can project management help improve lean six sigma? *IEEE Engineering Management Review*, 46(2), 55–64. Doi: 10.1109/EMR.2018.2810146.
- Galli B.J. (2018). Change management models: A comparative analysis and concerns. *IEEE Engineering Management Review*, 46(3), 124–132. Doi: 10.1109/EMR.2018.2866860.
- Galli B.J. (2018). Decision-making tools and strategic planning in project environments: The overlap of the two concepts. *The Journal of Modern Program Management*. Doi: 10.19255/JMPM01707.
- Galli B.J. (2018). Effectively using systems thinking in new product development (NPD). *International Journal of Applied Logistics*, 8(2), 69–85. Doi: 10.4018/IJAL.2018070104.
- Galli B.J. (2019, epub November 2018). How cost of poor quality factors into continuous improvement models. *International Journal of Applied Management Sciences and Engineering*, 6(1), 1–13. Doi: 10.4018/IJAMSE.2019010101.
- Galli B.J. (2018). Project management maturity models: An overview of the common models and a proposed uniform model. *International Journal of Applied Logistics*, 8(2), 19–38. Doi: 10.4018/IJAL.2018070102.
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- Galli B.J. (2018). The effects of shared leadership on team dynamics in six sigma teams. *International Journal of Knowledge-Based Organizations*, 8(4), 29–66. Doi: 10.4018/IJKBO.2018100103.
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Galli B.J., Kaviani M.A. (2018). Integrated model of teamwork for team effectiveness analysis: An empirical study. *International Journal of Business and Systems Research*, 12(4), 411–440. Doi: 10.1504/IJBSR.2018.095073.

Galli B., Kaviani M.A. (2018). The impacts of risk on deploying and sustaining lean six sigma initiatives. *International Journal of Risk and Contingency Management*, 7(1), 46–70. Doi: 10.4018/IJRCM.2018010104.

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## Paolo Gasti, Ph.D.

*Associate Professor, Computer Science*

Balagani K., Conti M., Gasti P., Georgiev M., Gurtler T., Lain D., Miller C., Molas K., Samarin N., Saraci E., Tsudik G., & Wu L. (2018). Silk-TV: Secret Information Leakage from Keystroke Timing Videos. In Lopez J., Zhou J., Soriano M (Eds.). *Computer Security, European Symposium on Research in Computer Security (ESORICS 2018). Lecture Notes in Computer Science*, vol. 11098, 263–280, Springer, Cham.

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Gasti P., & Tsudik G. (2018). Content-centric and named-data networking security: The good, the bad and the rest. In *2018 IEEE International Symposium on Local and Metropolitan Area Networks (LANMAN)*, 1–6. Doi: 10.1109/LANMAN.2018.8475052.

Rasmussen K., & Gasti P. (2018). Weak and strong deniable authenticated encryption: On their relationship and applications. In *Sixteenth Annual International Conference on Privacy, Security and Trust (PST)*, 1–10. Doi: 10.1109/PST.2018.8514181.

Yang Q., Gasti P., Balagani K., Li Y., & Zhou G. (2018). USB side-channel attack on Tor. *Computer Networks*, 141, 57–66. Doi: 10.1016/j.comnet.2018.05.018.

Yang Q., Peng G., Gasti P., Balagani K., Li Y., & Zhou G. (2019, epub August 31, 2018) Meg: Memory and energy efficient garbled circuit evaluation on smartphones. In *Transactions on Information Forensics and Security (T-IFS)*, 14(4), 913–922. Doi: 10.1109/FIFS.2018.2868221.

## Huanying Gu, Ph.D.

*Professor and Associate Dean, Computer Science*

Jain\* E., Brown\* S., Chen\* J., Neaton\* E., Baidas\* M., Dong Z., Gu H., & Artan N.S. (2018). Adversarial text generation for Google’s Perspective API. *Proceedings of the 2018 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1–6. Accessed from <https://americancse.org/events/csci2018>

Zhang# M., Artan N.S., Gu H., Dong Z., Ganatra L.B., Shermon S., & Rabin E. (2018). Gait study of Parkinson’s Disease subjects using haptic cues with a motorized walker. *Sensors*, 18(10), 3549. Doi: 10.3390/s18103549.

(\*)= undergraduate student, (#) = graduate student

## Azhar Ilyas, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Sharma S., Zhuang R., Long M., Pavlovic M., Kang Y., Ilyas A., & Asghar W. (2018). Circulating tumor cell isolation, culture, and downstream molecular analysis. *Biotechnology Advances*, 36(4), 1063–1078. Doi: 10.1016/j.biotechadv.2018.03.007.

## Ehsan Kamel, Ph.D.

*Assistant Professor, Energy Management*

Kamel E. (2018). Making building energy modeling smarter. *Science Trends*. Accessible at <https://sciencetrends.com/making-building-energy-modeling-smarter/>

Kamel E., Memari A.M. (2018). Automated building energy modeling and assessment tool. *Energy*, 147, 15–24. Doi: 10.1016/j.energy.2018.01.023.

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## Fang Li, Ph.D.

*Associate Professor, Mechanical Engineering*

Furniss J., Carka D., Voiculescu I., Lee K-L., Xiang D., & Li F. (2018). Surface acoustic wave (SAW) sensors for cryogenic temperature and strain sensing. In *Proceedings of the 6th IEEE International Conference on Wireless for Space and Extreme Environments*, 1–6.

Lee K., Li F., Nordin A.N., & Voiculescu I. (2018). Preliminary exploration of cell-based SAW detection for water toxicity. *Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition*, 1–6. Doi: 10.1115/IMECE2018-86436.

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Voiculescu I., Toda M., Inomata N., Ono T., & Li F. (2018). Nano and microsensors for mammalian cell studies. *Micromachines*, 9(9), 439–458. Doi: 10.3390/mi9090439.

## Wenjia Li, Ph.D.

*Assistant Professor, Computer Science*

Li W., Song H., & Zeng F. (2018). Policy-based secure and trustworthy sensing for Internet of things in smart cities. *IEEE Internet of Things Journal*, 5(2), 716–723. Doi:10.1109/JIOT.2017.2720635.

Li W., Wang Z., Cai J., & Cheng S. (2018). An android malware detection approach using weight-adjusted deep learning. *Proceedings of the 2018 IEEE International Conference on Computing, Networking and Communications*, 437–441. Retrieved from <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8390391>

Liu C., Zeng F., & Li W. (2018). Synergistic based social incentive mechanism in mobile crowdsensing. In Chellappan S., Chang W., & Li W. (Eds.) *Wireless Algorithms, Systems, and Applications*, vol.10874. Doi: 10.1007/978-3-319-94268-1.

Ren\* Y., Zeng\* F., Li W., & Meng L. (2018). A low-cost edge server placement strategy in wireless metropolitan area networks. *Proceedings of the 27th International Conference on Computer Communication and Networks*, 1–6. Retrieved from <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8487438>

Wei W., Liu S., & Li W. (2018). Fractal intelligent privacy protection in online social network using attribute-based encryption schemes. *IEEE Transactions on Computational Social Systems*, 5(3), 736–747. Doi: 10.1109/TCSS.2018.2855047.

Wu B., Zeng F., & Li W. (2018). A dynamic human contacts prediction method in mobile social networks. *Procedia Computer Science*, 129, 123–127. Doi: 10.1016/j.procs.2018.03.058.

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Zhao N., Zeng F., & Li W. (2018). A message matching routing algorithm based on node sociality in opportunistic networks. *Procedia Computer Science*, 129, 175–177. Doi: 10.1016/j.procs.2018.03.068.

(\*) undergraduate student

## Maryam Ravan, Ph.D.

*Assistant Professor, Electrical and Computing Engineering*

Amineh R.K., Ravan M., Wu H., & Kasturi A. (2018). Three-dimensional holographic imaging using data collected over cylindrical apertures. *Microwave and Optical Technology Letters*, 1–5. Doi: 10.1002/mop.31694.

Amineh R.K., Ravan M., Sharma R., & Baua S. (2018). Three-dimensional holographic imaging using single frequency microwave data. *International Journal of Antennas and Propagation*, Volume 2018, Article ID 6542518, 1–14. Doi: 10.1155/2018/6542518.

Wu H., Amineh R.K., & Ravan M. (2018). Near-field holographic microwave imaging using data collected over cylindrical apertures. In *2018 18th International Symposium on Antenna Technology and Applied Electromagnetics (ANTEM)*, 1–2. Doi: 10.1109/ANTEM.2018.8572989.

## James J. Scire, Ph.D.

*Assistant Professor, Mechanical Engineering*

Scire J. J. Jr. (2018). Determination of radiation pressure in acoustic levitation by optical acoustic-field measurement. *IEEE Access*, 7, 2707–2719. Doi: 10.1109/ACCESS.2018.2886196.

## Milan Toma, Ph.D.

*Assistant Professor, Mechanical Engineering*

Toma M. (2018). Predicting concussion symptoms using computer simulations. *Advances in Intelligent Systems and Computing*, 880, 557–568. Doi: 10.1007/978-3-030-02686-8\_42.

Toma M., & Nguyen P.D.H. (2018). Fluid structure interaction analysis of cerebrospinal fluid with a comprehensive head model subject to a rapid acceleration and deceleration. *Brain Injury*, 32(12), 1576–1584. Doi: 10.1080/02699052.2018.1502470.

Wei Z.A., Sonntag S.J., Toma M., Singh-Gryzbos S., & Sun W. (2018). Computational fluid dynamics assessment associated with transcatheter heart valve prostheses: A position paper of the ISO Working group. *Cardiovascular Engineering and Technology*, 9(3), 289–299. Doi: 10.1007/s13239-018-0349-y.

## Qin Wang, Ph.D.

*Assistant Professor, Computer Science, NYIT-Nanjing (China)*

Wang Q., Steinman T.M., & Wang W. (2018). Quality driven modulation rate optimization for energy efficient wireless video relays. *Computer Communications*, 115 (1), 2–9. Doi: 10.1016/J.COMCOM.2017.08.004.

Wang W., & Wang Q. (2018). Price the QoE, not the data: SMP-economic resource allocation in wireless multimedia Internet of Things. *IEEE Communications Magazine*, 56(9), 74–79. Doi: 10.1109/MCOM.2018.1701219.

## Xun Yu, Ph.D.

*Professor and Chairperson, Mechanical Engineering*

Dong S., Han B., Yu X., & Ou J. (2018). Dynamic impact behaviors and constitutive model of super-fine stainless wire reinforced reactive powder concrete. *Construction and Building Materials*, 184, 602–616. Doi: 10.1016/j.conbuildmat.2018.07.027.

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Jiang S., Zhou D., Zhang L., Ouyang J., Yu X., Cui X., & Han B. (2018). Comparison of compressive strength and electrical resistivity of cementitious composites with different nano-and micro fillers. *Archives of Civil and Mechanical Engineering*, 18(1), 60–68. Doi: 10.1016/j.acme.2017.05.010.

Li Z., Ding S., Yu X., Han B., & Ou J. (2018). Multifunctional cementitious composites modified with nano titanium dioxide: A review. *Composites Part A: Applied Science and Manufacturing*, 111, 115–137. Doi: 10.1016/j.compositesa.2018.05.019.

Li Z., Wang J., Li Y., Yu X., & Han B. (2018). Investigating size effect of anatase phase nano TiO<sub>2</sub> on the property of cement-based composites. *Materials Research Express*, 5(8), 085034. Doi: 10.1088/2053-1591/aad4e3.

Ruan Y., Han B., Wang D., Zhang W., & Yu X. (2018). Electrical properties of carbon nanotubes filled cementitious composites. *Materials Research Express*, 5 (10), 105704. Doi: 10.1088/2053-1591/aada6f.

Ruan Y., Han B., Yu X., Li Z., Wang J., Dong S., & Ou J. (2018). Mechanical behaviors of nano-zirconia reinforced reactive powder concrete under compression and flexure. *Construction and Building Materials*, 162, 663–673. Doi: 10.1016/j.conbuildmat.2017.12.063.

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Zhang L., Ding S., Li L., Dong S., Wang D., Yu X., & Han B. (2018). Effect of characteristics of assembly unit of CNT/NCB composite fillers on properties of smart cement-based materials. *Composites Part A*, 109, 303–320. Doi: 10.1016/j.compositesa.2018.03.020.

Zhang W., Han B., Yu X., Ruan Y., & Ou J. (2018). Nano boron nitride modified reactive powder concrete. *Construction and Building Materials*, 179, 186–197. Doi: 10.1016/j.conbuildmant.2018.05.244.

Zhang W., Ouyang J., Ruan Y., Zheng Q., Wang J., Yu X., & Han B. (2018). Effect of mix proportion and processing method on the mechanical and electrical properties of cementitious composites with nano/fiber fillers. *Materials Research Express*, 5(1), 015706. Doi: 10.1088/2053-1591/aaa60a.

## Tao Zhang, Ph.D.

*Professor, Computer Science*

He H., Zhang J., Li P., Jin Y., & Zhang T. (2019, epub October 4, 2018). A lightweight secure conjunctive keyword search scheme in hybrid cloud. *Future Generation Computer Systems*, 93, 727–736. Doi: 10.1016/j.future.2018.09.026.

Jiang P., Li P., Zhang T., Zhong E., Jin Y., He H., & Liu Q. (2018). Roadside units placement for traffic flows coverage requirement in vehicular networks. In *Proceedings IEEE International Conference on Smart Cloud (SmartCloud)*, 145–152. Doi: 10.1109/SmartCloud.2018.00032.

# II. Presenters at Meetings

## Reza K. Amineh, Ph.D., SMIEEE

*Assistant Professor, Electrical and Computer Engineering*

Amineh R.K. (2018, April). *Microwave/millimeter wave holographic imaging: history and developments*. Paper presented at the IEEE Long Island RF/Microwave Symposium & Exhibits, Radisson Hotel, Hauppauge, N.Y.

Amineh R.K., & Ravan M. (2018, November). *Computational 3D imaging of tissues using single frequency microwave data*. Paper presented at the Ninth IEEE Annual Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON), Columbia University, New York City.

Baua S., & Amineh R.K. (2018, July). *Achieving range resolution in holographic imaging using single frequency microwave data*. Paper presented at the IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting (AP-S/URSI), Westin Hotel, Boston, Mass. In *Proceedings of the 2018 IEEE International Symposium on Antennas and Propagation and USNC/URSI National Radio Science Meeting*, 1–2. Doi: 10.1109/APUSNCURSINRSM.2018.8608592.

Baua S., Amineh R.K., & Artan N.S. (2018, June). *Wireless power transfer with multi-layer planar spiral coils as secondary coils*. Paper presented at the IEEE Wireless Power Transfer Conference (WPTC), Polytechnic Montreal, Quebec, Canada.



Patel A., & Amineh R.K. (2018, July). *Sub-diffraction holographic imaging with resonant scatterers in proximity of the objects*. Paper presented at the IEEE International Symposium on Antennas and Propagation and USNC/URSI Radio Science Meeting (AP-S/URSI), Westin Hotel, Boston, Mass.

Wu H., Amineh R.K., & Ravan M. (2018, August). *Near-field holographic microwave imaging using data collected over cylindrical apertures*. Paper presented at the Eighteenth International Symposium on Antenna Technology and Applied Electromagnetics (ANTEM), University of Waterloo, Ontario, Canada.

## N. Sertac Artan, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Baua S., Amineh R.K., & Artan N.S. (2018, June). *Wireless power transfer with multi-layer planar spiral coils as secondary coils*. Paper presented at the IEEE Wireless Power Transfer Conference (WPTC), Polytechnic Montreal, Quebec, Canada.

Jain\* E., Brown\* S., Chen\* J., Neaton\* E., Baidas\* M., Dong Z., Gu H., & Artan N.S. (2018, December). *Adversarial text generation for Google's Perspective API*. Abstract presented at the 5th International Conference on Computational Science and Computational Intelligence (CSCI), Las Vegas, Nev. In *Proceedings of the 2018 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1–6. Accessed from <https://americancse.org/events/csci2018>

(\* ) undergraduate student

## Babak D. Beheshti, Ph.D.

*Professor and Dean, College of Engineering and Computing Sciences*

Al Shebli H.M.Z., & Beheshti B.D. (2018, November). *Light weight cryptography for resource constrained IoT devices*. Paper presented at the Future Technologies Conference, Marriott Pinnacle Downtown Hotel Vancouver, BC, Canada. In *Proceedings of the Future Technologies Conference*, 1–10. Doi: 10.1007/978-3-030-02686-8-16.

Al Shebli H.M.Z., & Beheshti B.D. (2018, May). *A study on penetration testing process and tools*. Paper presented at the Long Island Systems, Application and Technology Conference, Farmingdale State College, Farmingdale, N.Y. *2018 IEEE Systems, Application and Technology*, 1–7. Doi: 10.1109/LISAT.2018.8378035.

Sallam S., & Beheshti B.D. (2018, October). *A survey on lightweight cryptographic algorithms*. Paper presented at the 2018 IEEE Region 10 Conference (Tencon 2018), Jeju, Korea. In *Proceedings of IEEE Tencon 2018*, paper # 1570485181.; [http://sigongji.tencon2018.org/data/TENCON2018\\_ProgramBook.pdf](http://sigongji.tencon2018.org/data/TENCON2018_ProgramBook.pdf)



## Houwei Cao, Ph.D.

*Assistant Professor, Computer Sciences*

Cao H. (2018, November). *Multimodal perception and recognition of human emotions*. Invited Speaker at the Intelligent Computing and Communications Technologies Workshop (ICCW), Hyatt Regency, New Brunswick, N.J.

Li G., Shen Q., Liu Y., Cao H., Han Z., Li F., & Li J. (2018, August). *Data-driven approaches to edge caching*. Paper presented at the ACM SIGCOMM 2018 Workshop on Networking for Emerging Applications and Technologies, Budapest, Hungary. In *Proceedings of ACM SIGCOMM 2018 Workshop on Networking for Emerging Applications and Technologies*, 8–14. Doi: 10.1145/3229574.3229582.

Chan\* L., Peng\* P., Liu\* X., Cao\* X., & Cao H. (2018). *A fast and simple sample-based T-shirt image search engine*. Paper presented at the Future Technology Conference, Vancouver, BC, Canada. In *Proceedings of the Future Technologies Conference* vol. 1, 55–62. Available from <https://www.springer.com/us/book/9783030026851>

## Dorinamaria Carka, Ph.D.

*Assistant Professor, Mechanical Engineering*

Carka D. (2018, March). *Suspended superparamagnetic nanoparticles driven by ferromagnets*. Poster presented at the 5th Annual Academic Research and Leadership Network Symposium (ARLA), NSBE's 44th Annual Convention, Pittsburgh, Pa.

Mararenko A., Bar-El R., Assaf M., Singla P., Kelly I., Carka D., Millan J.L., Beatty B.L., & Savinova O.V. (2018, November). *Genetically engineered calcification increases surface roughness and changes the distribution of atherosclerotic plaques in mice with atherosclerosis*. Poster presented at the American Heart Association Scientific Sessions, Chicago, Ill. *Circulation*, 138 (Suppl\_1), A17183–A17183. Retrieved from [https://www.ahajournals.org/doi/abs/10.1161/circ.138.suppl\\_1.17183?af=R](https://www.ahajournals.org/doi/abs/10.1161/circ.138.suppl_1.17183?af=R)

## Batu K. Chalise, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Chalise B.K., & Himed B. (2018, April). *Performance tradeoff in a unified multi-static passive radar and communication system*. Paper presented at the IEEE Radar Conference, Oklahoma City, Okla. In *Proceedings of the 2018 IEEE Radar Conference*, 653–658. Doi: 10.1109/RADAR.2018.8378636.

Chalise B.K., Zhang Y.D., & Himed B. (2018, November). *Compressed sensing based joint DOA and polarization angle estimation for sparse arrays with dual-polarized antennas*. Paper presented at the Sixth IEEE Global Signal and Information Processing (GlobalSIP) Conference, Anaheim, Calif.

Mobini Z., Chalise B.K., Mohammadi M., Suraweera H.A., & Ding Z. (2018, May). *Proactive eavesdropping using UAV systems with full-duplex ground terminals*. Paper presented at the 2018 IEEE International Conference on Communications Workshops, Kansas City, Mo. In *Proceedings of the 2018 IEEE International Conference on Communications Workshops*, 1–6. Doi: 10.1109/ICCW.2018.8403632.

## Sonali Chandel, MSIT

*Instructor, Computer Science, NYIT-Nanjing (China)*

Chandel S., Ni T., & Yang G. (2018, June). *Enterprise Cloud: Its Growth & Security Challenges in China*. Paper presented at the 2018 5th IEEE International Conference on Cyber Security and Cloud Computing (CSCloud)/2018 4th IEEE International Conference on Edge Computing and Scalable Cloud (EdgeCom), Shanghai, China. In *Proceedings of the 5th IEEE International Conference on Cyber Security and Cloud Computing (CSCloud)/2018 4th IEEE International Conference on Edge Computing and Scalable Cloud (EdgeCom)*, 144–152. Doi: 10.1109/CSCloud/EdgeCom.2018.00034.

Chandel S., Yuying Y., Yujie G., Razaque A., & Yang G. (2018, July) *Chatbot: Efficient and Utility-Based Platform*. Paper presented at the 2018 Computing Conference, London, UK. *Intelligent Computing: Proceedings of the 2018 Computing Conference*, 1, 109–122. Doi: 10.1007/978-3-030-01174-1\_9.

Zhipeng Z., Chandel S., Jingyao S., Shilin Y., Yunnan Y., & Jingji Z. (2018, February). *VPN: a Boon or Trap? A Comparative Study of MPLS, IPSec, and SSL Virtual Private Network*. Paper presentation at the 2018 Second International Conference on Computing Methodologies and Communication (ICCMC) Conference, Erode, India. In *Proceedings of the 2018 Second International Conference on Computing Methodologies and Communication (ICCMC)*. <http://icocmc.com/>

## Ziqian Dong, Ph.D.

*Associate Professor, Electrical and Computer Engineering*

Dong Z. (2018, March). *Breaking the Silence: Women in the Academy*. Panelist on the Women of NYIT Workshop, hosted by Student Involvement and Inclusion, NYIT-Manhattan.

Dong Z. (2018, April). *Autonomous walker to improve gait of patients with Parkinson's Disease*. Speaker at the Women in Technology and Computer Science Seminar, John Jay College of Criminal Justice, New York City.

Dong Z. (2018, April). *Communicating Student Research*. Panelist at the National Science Foundation Research Experience for Undergraduates Principal Investigators Meeting, San Diego, Calif.

Dong Z. (2018, June). *Providing real-time fine-grained data using sensor network for the FEW Nexus*. Speaker at the Building the City of Tomorrow, Simulating the Urban Food-Water-Energy Nexus Workshop, New York University, New York City.

Jain\* E., Brown\* S., Chen\* J., Neaton\* E., Baidas\* M., Dong Z., Gu H., & Artan N.S. (2018, December). *Adversarial text generation for Google's Perspective API*. Abstract presented at the 5th International Conference on Computational Science and Computational Intelligence (CSCI), Las Vegas, Nev. In *Proceedings of the 2018 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1–6. Accessed from <https://americancse.org/events/csci2018>

Kashyap\* P., Saleh\* M., Shakbulatov\* D., & Dong Z. (2018, September 24–25). *An autonomous simultaneous localization and mapping walker for indoor navigation*. Abstract presented at the 39th IEEE Sarnoff Symposium, Newark, N.J. In *Proceedings of the IEEE Sarnoff Symposium*, 1–6. <https://ewh.ieee.org/conf/sarnoff/2018/>

(\* ) undergraduate student, (#) graduate student

## Aydin Farajidavar, Ph.D.

*Associate Professor and Chairperson, Electrical and Computer Engineering, Long Island*

Abukhalaf Z., Javan-Khoshkholgh A., Alrofati W., & Farajidavar A. (2018, July). A 32-channel wireless configurable system for electrical stimulation of the stomach. Paper presented at the 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Hawaii Convention Center, Honolulu, Hawaii. In *Proceedings of the 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 4178–4181. Doi: 10.1109/EMBC.2018.8513369.

Alrofati W., Javan-Khoshkholgh A., Bao R., Kang Q., Abu Manfouz N., & Farajidavar A. (2018, July). A configurable portable system for ambulatory monitoring of gastric bioelectrical activity and delivering electrical stimulation. Paper presented at the 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society, Hawaii Convention Center, Honolulu, Hawaii. In *Proceedings of the 40th Annual International Conference of the IEEE Engineering in Medicine and Biology Society*, 2829–2832. Doi: 10.1109/EMBC.2018.8512979.

Alrofati W., Wang R., Abukhalaf Z., Javan-Khoshkholgh A., Wendorf G., Stocker A., Abell T., & Farajidavar A. (2018, May). Gastric slow waves recorded differentially from the mucosa using internal and external references. Abstract presented at Digestive Disease Week (DDW), San Diego Convention Center, San Diego, Calif. In *Gastroenterology*, 154(6), Suppl 1, S315. Doi: 10.1016/S0016-5085(18)31396-9.

Bao R., Javan-Khoshkholgh A., Alrofati W., & Farajidavar A. (2018, June). Towards a distributed multi-channel system for studying gastrointestinal tract. Paper presented at the 2018 IEEE International Microwave Biomedical Conference, Pennsylvania Conference Center, Philadelphia, Pa. In *Proceedings of the 2018 IEEE International Microwave Biomedical Conference*, 79–81. Doi: 10.1109/IMBIOC. 2018. 8428928.

Javan-Khoshkholgh A., Alrofati W., Abukhalaf Z., Ibrahim A., Kiani M., & Farajidavar A. (2018, June). A miniature wireless 64-channel system for monitoring gastrointestinal activity. Paper presented at the 2018 IEEE International Microwave Biomedical Conference, Pennsylvania Conference Center, Philadelphia, Pa. In *Proceedings of the 2018 IEEE International Microwave Biomedical Conference*, 118–120. Doi: 10.1109/IMBIOC. 2018. 8428913.

## Huanying Gu, Ph.D.

*Professor and Associate Dean, Computer Science*

Jain\* E., Brown\* S., Chen\* J., Neaton\* E., Baidas\* M., Dong Z., Gu H., & Artan N.S. (2018, December). Adversarial text generation for Google's Perspective API. Abstract presented at the 5th International Conference on Computational Science and Computational Intelligence (CSCI), Las Vegas, Nev. In *Proceedings of the 2018 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1–6. Accessed from <https://americancse.org/events/csci2018>

(\* ) undergraduate student

## Azhar Ilyas, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Azimaie T., Cebe T., Ilyas A., Ma C., Monte F., Ahuja N., Bhattacharjee R., Reddy L., Aswath P., & Varanasi V.G. (2018, March). *Live 3D printing of osteogenic scaffolds into bone defects*. Abstract presented at the 47th American Association for Dental Research and the 42nd Canadian Association for Dental Research (AADR/CADR) Annual Meeting & Exhibition, Fort Lauderdale, Fla. <http://www.iadr.org/2018aaam>

## Ehsan Kamel, Ph.D.

*Assistant Professor, Energy Management*

Kamel E., & Memari A.M. (2018, February 28–March 1). *Software tool for automation in building energy simulation using building information modeling (BIM)*. Paper presented at the 4th Biennial Residential Building Design & Construction Conference, Penn State University, Centre County, Pa. <https://www.phrc.psu.edu/assets/docs/Publications/2018RBDCCPapers/2018-RBDCC-Whole-Proceedings.pdf>

Vizcaino N., & Kamel E. (2018, March). *Modeling and evaluation hybrid solar-hydrogen fuel cells*. Invited Speaker at the Twenty First Annual Energy, Utility & Environment Conference & Expo, San Diego, Calif. <https://visitsandiego.com/event/march-5-2018-1200am/euec-2018-usas-largest-energy-utility-environment-conference-expo>

Baron P., & Kamel E. (2018, March). *Energy generation and storage using floating PV plant on Lake Mead*. Invited Speaker at the Twenty First Annual Energy, Utility & Environment Conference & Expo, San Diego, Calif. <https://visitsandiego.com/event/march-5-2018-1200am/euec-2018-usas-largest-energy-utility-environment-conference-expo>

## Fang Li, Ph.D.

*Associate Professor, Mechanical Engineering*

Furniss J., Carka D., Voiculescu I., Lee K-L., Xiang D., & Li F. (2018, December). *Surface acoustic wave (SAW) sensors for cryogenic temperature and strain sensing*. Paper presented at the 6th IEEE International Conference on Wireless for Space and Extreme Environments, Huntsville, Ala. In *Proceedings of the 6th IEEE International Conference on Wireless for Space and Extreme Environments*, 1–6.

Lee K., Li F., Nordin A.N., & Voiculescu I. (2018). *Preliminary exploration of cell-based SAW detection for water toxicity*. Paper presented at the American Society of Mechanical Engineers (ASME) 2018 International Mechanical Engineering Congress and Exposition (IMECE2018), Pittsburgh, Pa. In *Proceedings of the ASME 2018 International Mechanical Engineering Congress and Exposition*, 1–6. Doi: 10.1115/IMECE2018-86436.

Voiculescu I., Li F., Kowach G., Su H., & Lee K. (2018, April). *Wearable and stretchable piezoelectric nanogenerator for skin applications*. Paper presented at the 2018 Design of Medical Devices Conference, Graduate Minneapolis and McNamara Alumni Center, Minneapolis, Minn. In *Proceedings of the 2018 Design of Medical Devices Conference*, 1–4. Doi: 10.1115/DMD2018-6874.

## Wenjia Li, Ph.D.

*Assistant Professor, Computer Science*

Li W., Wang Z., Cai J., & Cheng S. (2018, March). *An android malware detection approach using weight-adjusted deep learning*. Paper presented at the 2018 IEEE International Conference on Computing, Networking and Communications, Maui, Hawaii. In *Proceedings of the 2018 IEEE International Conference on Computing, Networking and Communications*, 437–441. Retrieved from <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8390391>

Liu C., Zeng F., & Li W. (2018, June). *Synergistic based social incentive mechanism in mobile crowdsensing*. Paper presented at the 2018 International Conference on Wireless Algorithms, Systems, and Applications (WASA2018), Tianjin, China. In Chellappan S., Chang W., & Li W. (Eds.) *Wireless Algorithms, Systems, and Applications*, vol.10874. Doi: 10.1007/978-3-319-94268-1.

Ren Y.\*, Zeng F.\*, Li W., & Meng L. (2018, July-August). A low-cost edge server placement strategy in wireless metropolitan area networks. Paper presented at the 27th International Conference on Computer Communication and Networks (IEEE ICCN 2018), Hangzhou, China. In *Proceedings of the 27th International Conference on Computer Communication and Networks*, 1–6. Retrieved from <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8487438>

(\*) undergraduate student

## Maryam Ravan, Ph.D.

*Assistant Professor, Electrical and Computing Engineering*

Amineh R.K., & Ravan M. (2018, November). *Computational 3D imaging of tissues using single frequency microwave data*. Paper presented at the Ninth IEEE Annual Ubiquitous Computing, Electronics & Mobile Communication Conference (UEMCON), Columbia University, New York City.

Ravan M. (2018, July). *Modified fast fully adaptive beamforming for source localization*. Poster presented at the IEEE 40th International Engineering in Medicine and Biology Conference (EMBC), Honolulu, Hawaii.

## Qin Wang, Ph.D.

*Assistant Professor, Computer Science, NYIT-Nanjing (China)*

Wang Q. (2018, August). *Price the QoE, not the data: SMP-economic resource allocation in wireless multimedia IoT*. Speaker at the 2018 National Conference on Communication Theory and Technology and the Innovation and Development Forum of the Communication Industry of China Electronics Society, Dalian Liangyun Hotel, Dalian, China.

## Tao Zhang, Ph.D.

*Professor, Computer Science*

Jiang P., Li P., Zhang T., Zhong E., Jin Y., He H., & Liu Q. (2018, September 21–23). *Roadside units placement for traffic flows coverage requirement in vehicular networks*. Paper presented at the 2018 IEEE International Conference on Smart Cloud, Columbia University, New York City. In *Proceedings IEEE International Conference on Smart Cloud (SmartCloud)*, 145–152. Doi:10.1109/SmartCloud.2018.00032.

## III. Honorees and Awardees

Babak D. Beheshti, Ph.D.

*Professor and Dean, College of Engineering and Computing Sciences*

**Chairman of the Board and Director, Executive Committee for Region 1 (R1), IEEE Organization.** <https://www.ieee.org/>

Ehsan Kamel, Ph.D.

*Assistant Professor, Energy Management*

**Recipient of the Northeast Sustainable Energy Association (NESEA) Kate Goldstein Scholarship for Emerging Professionals.**

**Editorial Board Member, Progress in Energy & Fuels and Energy Science Journal.** ISSN (P) 2251-2640; ISSN (O) 2315-4640.

**Reviewer, Construction & Building Materials Journal.** ISSN 0950-0618.

**Reviewer, Automation in Construction Journal.** ISSN 0926-5805.

**Reviewer, ASCE Architectural Engineering Journal.** ISSN (P) 1076-0431; ISSN (O) 1943-5568.

**Reviewer, Facilities Journal.** ISSN 0263-2772.

Qin Wang, Ph.D.

*Assistant Professor, Computer Science, NYIT-Nanjing (China)*

**Technical Program Committee (TPC) member, MMTC Communications Review**

**Area Chair, Internet of Multimedia Things in IEEE MIPR 2019**

**Co-Editor, Special Journal issue on IoT Security, Elsevier IoT Journal**

## IV. Patents

Reza K. Amineh, Ph.D., SMIEEE

*Assistant Professor, Electrical and Computer Engineering*

Amineh R.K., Martin L.E.S., & Donderici B. Casing defect determination using Eddy current techniques. Patent No. 10139371. Date of Patent: November 27 2018.

Donderici B., & Amineh R.K. Fiber optic array apparatus, systems, and methods. Patent No. 10132955. Date of Patent: November 20 2018.



# V. Grant Recipients—Externally Sponsored

Reza K. Amineh, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

EAGER SitS: Autonomous Soil Nutrient Sensing System. Project period: 9/15/2018–8/31/2020. National Science Foundation. Award no. 1841558. Co-Principal Investigator.

N. Sertac Artan, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Scalable Name-Lookup Algorithms for Resilient Named Data Networking (NDN). Northrop Grumman Faculty Mini-Grants. A subdivision of the Research and Education at NYIT's Cybersecurity Research Center Grant awarded to Nada Anid, Babak Beheshti, Huanying Gu and Ziqian Dong. Project period: 9/5/2017–8/31/2018.

Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology). Project period: 11/2/2017–10/31/2018.

REU Site: Research on Security of Mobile Devices and Wireless Networks at NYIT. Project period: 1/1/2019–12/31/2021. National Science Foundation, Research Experiences for Undergraduates (REU) Sites and Supplements; NSF 13–542; Award No. 1852316. Principal Investigator.

Kiran S. Balagani, Ph.D.

*Assistant Professor, Computer Sciences*

TWC: Small: Collaborative: RUI: Towards Energy-Efficient Privacy-Preserving Active Authentication of Smartphone Users. Project period 4/1/2016–3/31/2019. National Science Foundation, Award No. CNS-1619023.

SaTC: CORE: Small: RUI: Leveraging Movement, Posture, and Anthropometric Contexts to Strengthen the Security of Mobile Biometrics. Project period 10/1/2018–9/30/2021. National Science Foundation. Award No. CNS-1814846.

Babak D. Beheshti, Ph.D.

*Professor and Dean, College of Engineering and Computing Sciences*

Research and Education at NYIT's Cybersecurity Research Center (New York and Abu Dhabi Campuses). Northrop Grumman Corporation, Corporate Contributions Program. Co-Principal Investigator.



## Houwei Cao, Ph.D.

*Assistant Professor, Computer Sciences*

LEVERAGE Travel Grant for the LEVERAGE Summer Institute Workshop, Dallas, Texas, July 24–25 2018.

NSA Travel Grant for the CRRC/NSA Faculty Professional Development Workshop, Sioux Falls, S.D., May 29–June 2 2018.

NSF Travel Grant for the NSF CISE CAREER Workshop, Alexandria, Va., April 9–10 2018.

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

## Dorinamaria Carka, Ph.D.

*Assistant Professor, Mechanical Engineering*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter-and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

NSF ASSIST Travel award grant for the 2018 Academic Research Leadership Symposium (ARLS) at the Annual Convention of the National Society of Black Engineers (NSBE).

Tissue-nonspecific Alkaline Phosphatase (TNAP)-induced Vascular Calcification and Atherosclerosis. National Institutes of Health. Grant No. 1R56HL131547-01A1. 09/15/2018–08/31/2019. Co-Investigator.

## Batu K. Chalise, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Detection Algorithms for LTE-based Multi-Static Passive Radar Systems. Air Force Research Laboratory. Matrix Research, Inc. CERFER Task Order CRFR-056-002-01. 7/27/2018–12/31/2019.

## Remi Charron, Ph.D.

*Associate Professor and Assistant Chair, Energy Management, NYIT-Vancouver*

BC Housing. Educational Videos and Workshops on Emerging Technologies. Building Excellence Research & Education Grants. Project period 4/1/2017–3/31/2018.

## Ziqian Dong, Ph.D.

*Associate Professor, Electrical and Computer Engineering*

Belmont Forum Food-Water-Energy Nexus: Integrated analysis and modeling for the management of sustainable urban Food Water Energy Resources. Project period: 7/1/2018–6/30/2021. National Science Foundation. Award No. 1830718. Principal Investigator.

EAGER SitS: Autonomous Soil Nutrient Sensing System. Project period: 9/15/2018–8/31/2020. National Science Foundation, Award No. 1841558. Principal Investigator.

Research and Education at NYIT's Cybersecurity Research Center (New York and Abu Dhabi Campuses). Northrop Grumman Corporation, Corporate Contributions Program. Co-Principal Investigator.

REU Site: Research on Security of Mobile Devices and Wireless Networks. Project period: 2016–2019, National Science Foundation, Research Experiences for Undergraduates (REU) Sites and Supplements; NSF 13–542; Award No. 1559652. Principal Investigator.

REU Site: Research on Security of Mobile Devices and Wireless Networks at NYIT. Project period 2019–2022, National Science Foundation, Research Experiences for Undergraduates (REU) Sites and Supplements; NSF 13–542; Award No. 1852316. Co-Principal Investigator.

Urban Infrastructures Workshop: Analysis and Modeling for their Optimal Management and Operation. Project Period: 11/1/2017–10/31/2018, National Science Foundation, Environmental Sustainability; PD 17-7643; Award No. 1762212. Principal Investigator. <http://bit.ly/2A5s8bs>.

## Aydin Farajidavar, Ph.D.

*Associate Professor and Chairperson, Electrical and Computer Engineering, Long Island*

An Implantable Wireless System to Study Gastric Neurophysiology, supplemental. National Institutes of Health/SPARC Program. RFA-RM-15-002; Award No. 3U18EB021789-02S3. 9/15/2018–7/31/2019.

Using the GI Tract as a Window to the Autonomic Nervous System in the Thorax and in the Abdomen, (consultant). Funded by NIH SPARC Program, Award No. OT2OD026539. 9/1/2018–8/31/2021 (PI: Larry Miller, Feinstein Institute for Medical Research).

## Paolo Gasti, Ph.D.

*Associate Professor, Computer Science*

SaTC: CORE: Small: RUI: Leveraging Movement, Posture, and Anthropometric Contexts to Strengthen the Security of Mobile Biometrics. Project period 10/1/2018–9/30/2021. National Science Foundation. Award No. CNS-1814846.

TWC: Small: Collaborative: RUI: Towards Energy-Efficient Privacy-Preserving Active Authentication of Smartphone Users. Project period 4/1/2016–3/31/2019. National Science Foundation, Award No. CNS-1619023.

## Huanying Gu, Ph.D.

*Professor and Associate Dean, Computer Science*

A family-based framework of quality assurance for biomedical ontologies. NYIT site PI. Subcontract of NIH grant No. (NP) 996287, prime award to NJIT R01-CA190779-01, 3/4/2015–2/28/2019.

Research and Education at NYIT's Cybersecurity Research Center (New York and Abu Dhabi Campuses). Northrop Grumman Corporation, Corporate Contributions Program. Co-Principal Investigator.

REU Site: Research on Security of Mobile Devices and Wireless Networks. Faculty Mentor. Project period: 2016-2019, National Science Foundation, Research Experiences for Undergraduates (REU) Sites and Supplements; NSF 13-542; Award No. 1559652. Mentor.

## Azhar Ilyas, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Hoffmann S. (PI) MRI: Acquisition of a high-energy micro-computed tomography scanner for inter- and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

## Fang Li, Ph.D.

*Associate Professor, Mechanical Engineering*

Passive, Wireless, High Temperature Embedded Sensor System for Rocket Propulsion Test Applications. Project period: 6/22/2017–6/7/2018. X-wave Innovations, Inc. Subcontract No. 1036–1.

EAGER SitS: Autonomous Soil Nutrient Sensing System. Project period: 9/15/2018–8/31/2020. National Science Foundation. Award no. 1841558. Co-Principal Investigator.

## Wenjia Li, Ph.D.

*Assistant Professor, Computer Science*

Development of LC/MS-Based Direct RNA Sequencing with Concomitant Basecalling and Modification Analysis Capability. National Institutes of Health. RFA-HG-15-031, Novel Nucleic Acid Sequencing Technology Development (R21). Award No.1 R21 HG009576-01. 4/10/2017–3/31/2020.

Securing Inter-Vehicular Networks with Time and Driver Identity Considerations. Region II University Transportation Research Center (UTRC), Award No. 49198-33-27. 9/1/2016–3/31/2018.

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

## Maryam Ravan, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology). Project period: 11/2/2017–10/31/2018.

## Anand Santhanakrishnan, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Student-centered Assistive Technology Research Conducted under the NYSID CREATE Program. New York State Industries for the Disabled, Inc. CREATE (Cultivating Resources for Employment with Assistive Technology). Project period: 11/2/2017–10/31/2018.

## James J. Scire, Ph.D.

*Assistant Professor, Mechanical Engineering*

Instrumentation Timing/Synchronization with a Low Temperature Turbine Rig [CLEEN2]. Advanced Fuel Research, Inc. 7/1/2016 – 6/30/2018.

Instrumentation Timing/Synchronization with Turbine Engines [NexGen]. Advanced Fuel Research, Inc. 7/1/2016 – 6/30/2018.

## Milan Toma, Ph.D.

*Assistant Professor, Mechanical Engineering*

Improving Equestrian Helmet Design using Fluid-Structure Interaction Computational Head Model. New York Thoroughbred Horseman's Association. 9/1/2018–5/1/2019.

## Xun Yu, Ph.D.

*Professor and Chairperson, Mechanical Engineering*

Hoffmann S. (PI). MRI: Acquisition of a high-energy micro-computed tomography scanner for inter-and multidisciplinary STEM research. National Science Foundation. Grant No. DBI-1828305. 10/1/2018–9/30/2021.

# VI. Grant Recipients—Internally Sponsored

Reza K. Amineh, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Three-Dimensional Holographic Imaging Using Single Frequency Microwave Data. Principal Investigator. ISRC Grant

N. Sertac Artan, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Design of an Efficient Seizure Detection Device. Principal Investigator. ISRC Grant.

Connectivity and Reliable Data Delivery in 5G-Wireless Networks Based Health Care Monitoring Systems. Co-Principal Investigator. ISRC Grant.

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

Promoting High-Impact Education Practices with Hands-on Projects on Visible Light Communication (VLC). Principal Investigator. TLT Grant.

Kiran S. Balagani, Ph.D.

*Assistant Professor, Computer Sciences*

An Exploration of USB Side Channels and Countermeasures. Co-Principal Investigator. ISRC Grant.

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

Houwei Cao, Ph.D.

*Assistant Professor, Computer Science*

Deep Reinforcement Learning-based Spontaneous Multimodal Emotion Recognition & Affect Sensing. Principal Investigator. ISRC Grant.

## Dorinamaria Carka, Ph.D.

*Assistant Professor, Mechanical Engineering*

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

3D Computational Study of the Effect of Endothelial Micro-Calcification on Local Stresses and Hemodynamics. Principal Investigator. ISRC Grant.

## Batu K. Chalise, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Optimizing UAV-based Communications for Disaster Relief Operations. Principal Investigator. ISRC Grant.

## Sonali Chandel, MSIT

*Instructor, Computer Science, NYIT-Nanjing (China)*

Blockchain and its application beyond Cryptocurrencies. Global Faculty Research and Creativity Grant (GFRC).

Threat Intelligence Sharing Community: A countermeasure against Advanced Persistent Threat. Global Faculty Research and Creativity Grant (GFRC).

## Ziqian Dong, Ph.D.

*Associate Professor, Electrical and Computer Engineering*

Promoting High-Impact Education Practices with Hands-on Projects on Visible Light Communication (VLC). Co-Principal Investigator. TLT Grant.

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

Connectivity and Reliable Data Delivery in 5G-Wireless Networks Based Health Care Monitoring Systems. Co-Principal Investigator. ISRC Grant.

## Aydin Farajidavar, Ph.D.

*Associate Professor and Chairperson, Electrical and Computer Engineering, Long Island*

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

Design and Implementation of an Intelligent Wireless Sensor Network in Energy Smart Buildings for Model Predictive Control of Heating and Cooling System. Co-Principal Investigator. ISRC Grant.

Effects of Vagus Nerve Modulation on Gastric Motility: A Functional Mapping Study. Principal Investigator. ISRC Grant.

## Paolo Gasti, Ph.D.

*Associate Professor, Computer Science*

An Exploration of USB Side Channels and Countermeasures. Principal Investigator. ISRC Grant.

DeepPasswords: Efficient Password Guessing Using Deep Neural Networks. Principal Investigator. ISRC Grant.

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

## Huanying Gu, Ph.D.

*Professor and Associate Dean, Computer Science*

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

## Xueqing Huang, Ph.D.

*Assistant Professor, Computer Science*

Design and Implementation of an Intelligent Wireless Sensor Network in Energy Smart Buildings for Model Predictive Control of Heating and Cooling System. Co-Principal Investigator. ISRC Grant.

Trust Establishment and Management for Cloud Enabled IoT Networks. Principal Investigator. ISRC Grant.

## Azhar Ilyas, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

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

The Effects of a Siliconized Biodegradable 3D Scaffold on Osteoblast Behavior. Principal Investigator. ISRC Grant.

## Ehsan Kamel, Ph.D.

*Assistant Professor, Energy Management*

Design and Implementation of an Intelligent Wireless Sensor Network in Energy Smart Buildings for Model Predictive Control of Heating and Cooling System. Principal Investigator. ISRC Grant.



## Fang Li, Ph.D.

*Associate Professor, Mechanical Engineering*

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

Stretchable Nanogenerator for In Vivo Energy Harvesting. Principal Investigator. ISRC Grant.

## Wenjia Li, Ph.D.

*Assistant Professor, Computer Science*

Enhancing Privacy of Users in Social Media. Co-Principal Investigator. ISRC Grant.

Multilingual Multicultural Multimedia: Globally connected Mobile Learning Projects. Co-Principal Investigator. TLT Grant.

Trust Establishment and Management for Cloud Enabled IoT Networks. Co-Principal Investigator. ISRC Grant.

## Maryam Ravan, Ph.D.

*Assistant Professor, Electrical and Computing Engineering*

Developing a Machine Learning Approach to Investigate the Brain Connectivity in Schizophrenia and the Effect of Clozapine Therapy. Principal Investigator. ISRC Grant.

## Anand Santhanakrishnan, Ph.D.

*Assistant Professor, Electrical and Computer Engineering*

Enhancing Privacy of Users in Social Media. Principal Investigator. ISRC Grant.

An Exploration of USB Side Channels and Countermeasures. Co-Principal Investigator. ISRC Grant.

Connectivity and Reliable Data Delivery in 5G-Wireless Networks Based Health Care Monitoring Systems. Principal Investigator. ISRC Grant.

## James J. Scire, Ph.D.

*Assistant Professor, Mechanical Engineering*

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

## Milan Toma, Ph.D.

*Assistant Professor, Mechanical Engineering*

Bioinformed Structural Joint System Design: From Biological Morphologies to Variable Assemblies. Co-Principal Investigator. ISRC Grant.

Computational Assessment of Traumatic Brain Injuries related to Football. Principal Investigator. ISRC Grant.

## Qin Wang, Ph.D.

*Assistant Professor, Computer Science, NYIT-Nanjing (China)*

Pricing based economic resource allocation in Multimedia Internet of Things (IoT). Global Faculty Research and Creativity Grant (GFRC). 2017–2018.

Research on key technologies for sharing economy applications in multimedia IoT. Global Faculty Research and Creativity Grant (GFRC). 2018–2019.

# School of Health Professions

# I. Authors

## Tobi A. Abramson, Ph.D.

*Adjunct Assistant Professor, Interdisciplinary Health Sciences*

Abramson T., & Braverman Schmidt P. (2018). Cultivating & fostering resiliency and human happiness in clinical practice with older adults. *NYS Psychologist*, Winter 2018, Vol. XXX (1), 8–13. Retrieved from [https://thinkgraphtech.com/digital\\_media/NYS\\_Psychological/WInter-2018/index.html](https://thinkgraphtech.com/digital_media/NYS_Psychological/WInter-2018/index.html)

## Peter Douris, PT, DPT, Ed.D, OCS

*Professor, Physical Therapy*

Douris P.C., Cogen Z., Fields H.T., Greco L.C., Hasley M.R., Machado C.M., Romagnuolo P.M., Stamboulis G., & DiFrancisco-Donoghue J. (2018). The effects of blood flow restriction on functional improvements in an active single subject with Parkinson Disease. *International Journal of Sports Physical Therapy*, 13(2), 247–254. Doi: 10.26603/ijsp20180247.

Douris P.C., Handrakis J.P., Apergis D., Mangus R.B., Patel R., Limtao J., Platonova S., Gregorio A., & Luty E. (2018). The effects of aerobic exercise and gaming on cognitive performance. *Journal of Human Kinetics*, 61, 73–83. Doi: 10.1515/hukin-2017-0134.

Gugliotti M.J., Douris P., Handrakis J., Shacklock M., Assaro A., Garrick R., Kartsev G., & Lin Y. (2018) Characteristics, distribution, and behavior of sensory responses of the straight leg raise test in asymptomatic individuals. *Journal of Physiotherapy and Rehabilitation*, 2(1), 1–5.

Petrizzo J., Dimenna F.J., Douris P.C., Jung M.K., Page R., Machaby J., Wygand J., Robert M., & Otto R.M. (2018). A feasibility study investigating the sustainability and safety of a non-periodized protocol with linear load progression during the initial 12 weeks of strength training. *Journal of Exercise Physiology Online* 21(5), 84–96.

Mancinelli J., Douris C., Tarapore F., Jung M-K., Krishnamachari B., Douris P., & Kooyman P. (2017, epub May 2018). Evaluation of osteopathic medical students' and physicians' understanding of inter-professional collaboration. *International Journal of Health Sciences*, 5(4), 53–64. Doi: 10.15640/ijhs.v5n4a6.

## Sheldon D. Fields, Ph.D., RN, FNP-BC, AACRN, FAANP, FNAP, FAAN

*Professor, Nursing*

Fields S.D. (2018, February 12). Diverse nursing workforce needed to serve diverse population. *Long Island Business News*. Retrieved from <https://libn.com/2018/02/12/fields-diverse-nursing-workforce-needed-to-serve-diverse-population/>

Fields S.D. (2018, July 16). (Interview) Vu Q&A: Sheldon Fields on PrEP and Black MSM. *AIDSVu*, Retrieved from <https://aidsvu.org/fields/>

Wheeler D. P., Lucas J., Wilton L., Nelson L. E., Hucks-Ortiz C., Watson C. C., Hutchinson C., Mayer K. H., Kuo I., Magnus M., Beauchamp G., Shoptaw S., Emel L. M., Chen Y. Q., Hightow-Weidman L., & Fields S. D. (2018). Building effective multi-level HIV prevention partnerships with black men who have sex with men: Experience from HPTN073, a pre-exposure prophylaxis study in 3-US cities. *Journal of the International AIDS Society*, 21(S7), e25180. Doi: 10.1002/jia.2.25180.

## Christina Finn, Ed.D, OTR/L

*Assistant Professor, Occupational Therapy*

Zwibel H., Leder A., Yao S., & Finn C. (2018). Concussion evaluation and management: An osteopathic perspective. *Journal of the American Osteopathic Association*, 118 (10), 655–661. Doi: 10.7556/jaoa.2018.144.

## Eric Greenberg, PT, DPT, SCS, CSCS

*Assistant Professor, Physical Therapy*

Greenberg E.M., Greenberg E.T., Albaugh J., Storey E., & Ganley T.J. (2018). Rehabilitation practice patterns following anterior cruciate ligament reconstruction: A survey of physical therapists. *Journal of Orthopaedic and Sports Physical Therapy*, 48(10), 801–811. Doi:10.2519/jospt.2018.8264.

## Mark Gugliotti, P.T., D.P.T., O.C.S., C.O.M.T.

*Assistant Professor, Physical Therapy*

Gugliotti M.J. (2018). Contribution of aberrant postures to neck pain and headaches in eSport athletes. *Research & Investigations in Sports Medicine*, 3(1), 1–2. Doi: 10.31031/RISM.2018.03.000554.

Gugliotti M.J., Douris P., Handrakis J., Shacklock M., Assaro A., Garrick R., Kartsev G., & Lin Y. (2018) Characteristics, distribution, and behavior of sensory responses of the straight leg raise test in asymptomatic individuals. *Journal of Physiotherapy and Rehabilitation*, 2(1), 1–5.

Gugliotti M.J., & Storic L. (2018). The McMurray's Test-A historical perspective. *Journal of Physiotherapy and Rehabilitation*, 2(1), 1–2. Doi: 10.1472/jptr.1000108.

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

*Director, Academic Management, Interdisciplinary Health Sciences,  
Assistant Dean, Undergraduate Affairs*

Haar M. (2018). Using technology to enhance sense of community across course formats. In *Proceedings of the 35th Academic Chairpersons Conference, Issues and Trends in Higher Education*, 1–5. Retrieved from <https://newprairiepress.org/accp/2018/trends/9/>

Haar M. (2018). Increasing sense of community in higher education nutrition courses using technology. *Journal of Nutrition Education and Behavior*, 50 (1), 96–99. Retrieved from [https://www.jneb.org/article/S1499-4046\(17\)30234-8/fulltext](https://www.jneb.org/article/S1499-4046(17)30234-8/fulltext)

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

*Professor, Physical Therapy*

Douris P.C., Handrakis J.P., Apergis D., Mangus R.B., Patel R., Limtao J., Platonova S., Gregorio A., & Luty E. (2018). The effects of aerobic exercise and gaming on cognitive performance. *Journal of Human Kinetics*, 61, 73–83. Doi: 10.1515/hukin-2017-0134.

Gugliotti M.J., Douris P., Handrakis J., Shacklock M., Assaro A., Garrick R., Kartsev G., & Lin Y. (2018) Characteristics, distribution, and behavior of sensory responses of the straight leg raise test in asymptomatic individuals. *Journal of Physiotherapy and Rehabilitation*, 2(1), 1–5.

Martinez S.A., Nguyen N.D., Bailey E., Doyle-Green D., Hauser H.A., Handrakis J.P., Knezevic S., Marett C., Weinman J., Romero A.F., Santiago T.M., Yang A.H., Yung L., Asselin P.K., Weir J.P., Kornfeld S.D., Bauman W.A., Spungen A.M., & Harel N.Y. (2018). Multimodal cortical and subcortical exercise compared with treadmill training for spinal cord injury. *PLoS One*, 13(8), e0202130. Doi: 10.1371/journal.pone.0202130.

## Mercy Joseph, Ph.D., MSN, ANP-C, RN

*Assistant Professor, Nursing*

Joseph M. (2018). Faith blind care: How faith based leaders cared for community dwelling older adults in a natural disaster. *World Journal of Advance Healthcare Research*, 2(5), 154–161. Retrieved from [http://www.wjahr.com/home/archive\\_show/2018/9/VOLUME-2-SEPTEMBER-ISSUE-5](http://www.wjahr.com/home/archive_show/2018/9/VOLUME-2-SEPTEMBER-ISSUE-5)

## Kelly A. Lavin, OTD, OTR/L

*Assistant Professor, Occupational Therapy*

Lavin K.A. (2018). Use of a journal club during level II fieldwork to facilitate confidence and skills for evidence-based practice. *The Open Journal of Occupational Therapy*, 6(4), Article 11, 1–8. Doi: 10.15453/2168-6408.1475.

Lavin K.A. (2018). Building executive functioning to facilitate instrumental activities of daily living for emerging adults with autism spectrum disorder. *Journal of Psychology & Behavioral Science*, 6(2), 1–8. Doi: 10.15640/jpbs.v6n2a1.

## Veronica Southard, PT, DHSc, GCS

*Associate Professor, Physical Therapy*

DiFrancisco-Donoghue J, Tuite S, Hassan S, Pineda J, Aksanov A, & Southard V. (2018). Are wrist worn activity trackers accurate in individuals with Parkinson's disease? *Alzheimers & Parkinsons Disease: Open Access*, 5(1), 1–8. Retrieved from <https://www.scireslit.com/Alzheimers/APDOA-ID18.pdf>

Southard V., Donoghue J., Belmonte J., Liboriero M., & Musa M. (2018). The effects of whole body periodic acceleration on non-motor symptoms in people with mild to moderate Parkinson's disease. *Journal of Advances in Medicine and Medical Research*, 27(3), 1–9. Doi: 10.9734/JAMMR/2018/43117.

## William Werner, PT, Ed.D.

*Associate Professor, Physical Therapy*

DiFrancisco-Donoghue J., Jung M-K., Stangle A., Werner W.G., Zwibel H., Happel P., & Balentine J. (2018). Utilizing wearable technology to increase physical activity in future physicians: A randomized trial. *Preventive Medicine Reports*, 12, 122–127. Doi: 10.1016/j.pmedr.2018.09.004.

# II. Presenters at Meetings

## Tobi A. Abramson, Ph.D.

*Adjunct Assistant Professor, Interdisciplinary Health Sciences*

Abramson T., Benson B., Browdie R., Dennis H., Feinberg L., Handy J., Richards M., Sarmiento T., Timmerman S., & Weiss L. (2018, March). *Charting your course in retirement: A perfect storm or a rainbow?* Symposium at the annual Aging in America Conference, San Francisco, Calif.

Abramson T., Berman J., Ng M., & Taylor K. (2018, March). *Engaging Asian elders in mental health services: Lessons learned.* Symposium at the annual Aging in America Conference, San Francisco, Calif.

Abramson T., & Braverman Schmidt, P. (2018, March). *Clinical practices to cultivate and foster human happiness, resiliency, and post-traumatic growth.* Symposium at the annual Aging in America Conference, San Francisco, Calif.

Abramson T., & Berman J. (2018, November). *Living life to its fullest: The role of mental health.* Poster presented at the annual Gerontological Society of America conference, Boston, Mass.

Abramson T., & Braverman Schmidt, P. (2018, November). *Resilience and creativity: Tools to living life to its fullest.* Poster presented at the annual Gerontological Society of America conference, Boston, Mass.

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

*Assistant Professor, Occupational Therapy*

Austin M. (2018, June 1). *Social media use and satisfaction with daily routine for young adult university students.* Interview with the Academic Minute. Retrieved from <https://academicminute.org/2018/06/melanie-austin-new-york-institute-of-technology-social-media-and-satisfaction-among-students/>

Austin M. (2018, November). *eSports Medicine.* Panel Speaker at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

Austin M. (2018, December 25). *eSports and mental health.* Video interview on CBS News. Retrieved from <https://www.cbsnews.com/video/physical-and-mental-health-effects-of-esports/>



## Peter Douris, PT, DPT, Ed.D, OCS

*Professor, Physical Therapy*

Douris P.C., & DiFrancisco-Donoghue J. (2018, May). *Blood flow restriction training and functional improvements in a single subject with Parkinson Disease*. Poster presented at the 65th Annual Meeting, World Congress on Exercise is Medicine®, and World Congress on the Basic Science of Muscle Hypertrophy and Atrophy of the American College of Sports Medicine, Minneapolis, Minn.

Carney B., Yan E., Jung M-K., Douris P., & Kooyman P. (2018, March). *Efficacy of Osteopathic Manipulative Medicine (OMM) and phototherapy for patients with chronic lower back pain*. Poster presented at the American Academy of Osteopathy Louisa Burns Osteopathic Research Committee, Hilton Anatole, Dallas, Texas.

## Sheldon D. Fields, Ph.D., RN, FNP-BC, AACRN, FAANP, FNAP, FAAN

*Professor, Nursing*

Treston C., Kwong J., Weber A., Dawson-Rose C., Steilen M., Fields S.D., Wharton M., & Phillips C. (2018, July). *Nurses at the intersection of healthcare and human rights for key populations*. Public Workshop at the 22nd International AIDS Conference (AIDS 2018), Amsterdam, Netherlands. [http://www.aids2018.org/Portals/4/File/AIDS2018\\_Abstract\\_book.pdf?ver=2018-08-06-160624-427](http://www.aids2018.org/Portals/4/File/AIDS2018_Abstract_book.pdf?ver=2018-08-06-160624-427)

## Christina Finn, Ed.D, OTR/L

*Assistant Professor, Occupational Therapy*

Finn C. (2018, April). An occupation based approach to management of concussion. Presentation at the American Occupational Therapy Association (AOTA) Conference, Salt Lake City, Utah.

Finn C. (2018, November). *Pediatric concussion: An update*. Presentation at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

Finn C., & Zwibel H. (2018, June). *Return to learn after concussion*. Presentation at the Brain Injury Association of New York State (BIANYS) Professional Symposium, Saratoga Springs, N.Y.

## Rosemary Gallagher, Ph.D., PT, DPT, GCS

*Associate Professor, Physical Therapy*

Rubin L., Michaelides C., Weinstein A., Granat L., Ketigian L., Zhu J., Scheid Z., Matthews S., Korn S., McLeod C., Gallagher R., & Leder A. (2018, October). *Assessing the impact of Rock Steady Boxing on depressive symptoms in Parkinson's disease*. Poster presented at the Sixty First Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2018), San Diego, Calif. *Journal of the American Osteopathic Association*, 118(11), e161. Doi: 10.7556/jaoa.2018.163.

## Eric Greenberg, PT, DPT, SCS, CSCS

*Assistant Professor, Physical Therapy*

Greenberg E.T. (2018, November). *Connecting with runners: Wearable technology in managing the runner*. Presentation at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

Greenberg E.T., Greenberg E.M., Albaugh J., Storey E., & Ganley T. (2018, January). *Anterior cruciate ligament reconstruction rehabilitation clinical practice patterns: A survey of physical therapists*. Poster presented at the 5th Annual Pediatric Research in Sports Medicine Society (PRiSM) Annual Meeting, Plantation, Fla.

Greenberg E.M., Greenberg E.T., Albaugh J., Storey E., & Ganley T. (2018, January). *Anterior cruciate ligament reconstruction rehabilitation clinical practice patterns: A survey of the PRiSM Society*. Poster presented at the 5th Annual Pediatric Research in Sports Medicine Society (PRiSM) Annual Meeting, Plantation, Fla.

Greenberg E.M., Greenberg E.T., Albaugh J., Storey E., & Ganley T. (2018, February). *A survey of anterior cruciate ligament reconstruction rehabilitation clinical practice patterns: Part 1 — Time criteria and strength assessment*. Poster Presented at the Combined Sections Meeting (CSM) of the American Physical Therapy Association (APTA), New Orleans, La.

Greenberg E.T., Greenberg E.M., Albaugh J., Storey E., & Ganley T. (2018, February). *A survey of anterior cruciate ligament reconstruction rehabilitation clinical practice patterns: Part 2 — Functional performance measures and functional outcome surveys*. Poster presented at the Combined Sections Meeting (CSM) of the American Physical Therapy Association (APTA), New Orleans, La.

Greenberg E.T., Greenberg E.M., Albaugh J., Storey E., & Ganley T. (2018, February). *Anterior cruciate ligament reconstruction rehabilitation clinical practice patterns: A survey of the PRISM Society*. Poster presented at the Combined Sections Meeting (CSM) of the American Physical Therapy Association (APTA), New Orleans, La.

Rollo E., Barle M., Glassmann E., Jaafar H., Jacob L., Johnson A., Layug N., Jung M-K., & Greenberg E.T. (2018, October). *Reliability and stability of the Y Balance Test in healthy early adolescent female athletes*. Platform Presentation at the Alpha Eta Student Research Symposium, 2018 Association of Schools of Allied Health Professions Conference, St. Petersburg, Fla.

## Ellen Greer, Ph.D.

*Assistant Professor, Occupational Therapy*

Greer E., & Neville S. (2018, February). *The experience of liminality in the lifeworld of women who return to work after breast cancer treatment*. Platform presentation at the National Association of African American Studies (NAAAS) and Affiliates 26th Annual Joint National Conference, Dallas, Texas.

Greer E., & Neville S. (2018, April). *The experience of liminality in the lifeworld of women who return to work after breast cancer treatment*. Nursing leadership poster presentation at the Adelphi University College of Nursing and Public Health & Sigma Theta Tau Alpha Omega Chapter, Garden City, N.Y., Awarded second prize for best research poster.

## Mark Gugliotti, P.T., D.P.T., O.C.S., C.O.M.T.

*Assistant Professor, Physical Therapy*

Gugliotti M. (2018, November). *eSports Medicine*. Panel Speaker at the Sports Medicine Fall Conference, NYIT-Long Island, Old Westbury, N.Y.

Gugliotti M.J., & Storic L. (2018, February) *The McMurray's Test-A historical perspective*. Poster presented at the Combined Sections Meeting of the American Physical Therapy Association, New Orleans, La. [http://www.apta.org/uploadedFiles/APTAorg/National\\_Conferences/CSM/Programming/CSMProgramming.pdf](http://www.apta.org/uploadedFiles/APTAorg/National_Conferences/CSM/Programming/CSMProgramming.pdf)

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

*Director, Academic Management, Assistant Dean, Undergraduate Affairs, Interdisciplinary Health Sciences*

Haar M. (2018, February). *Using technology to enhance sense of community across course formats*. Platform presentation at the 35th Annual Academic Chairs Conference, Orlando Buena Vista Palace, Orlando, Fla.

## Mercy Joseph, Ph.D., MSN, ANP-C, RN

*Assistant Professor, Nursing*

Joseph M. (2018, April 11–13). *Faith-based leaders caring for older adults in a natural disaster: A study of Hurricane Sandy*. Poster presentation at the Eastern Nursing Research Society (ENRS) 30th Annual Scientific Sessions, Newark Liberty Marriott, Newark, N.J.

Joseph M. (2018, May 9). *Faith-based leaders caring for older adults in a natural disaster: A grounded theory study of Hurricane Sandy*. Podium presentation and Keynote speaker at the School of Health Professions Research Symposium, Aletheia, at NYIT-Long Island, Old Westbury, N.Y.

Joseph M. (2018, June 25–26). *Faith-based leaders caring for older adults in a natural disaster: A grounded theory study of Hurricane Sandy*. Video presentation at the 72nd Conference of Scientific Federation's 4th World Congress on Nursing & Healthcare (WCNH 2018), Kuala Lumpur, Malaysia.

## Gordon Schmidt, Ph.D., FACSM

*Dean and Professor, School of Health Professions*

Schmidt G. (2018, January). *Transition to technology from traditional teaching*. Presentation at the National Association of Kinesiology in Higher Education (NAKHE) Conference, Phoenix, Ariz.

Schmidt G. (2018, February). *Transitions: From college to graduate school*. Presentation at the New Jersey Association of Health, Physical Education, Recreation and Dance Conference, Long Branch, N.J.

## Pamela Treister, DNP, CNS, RN, CMSRN, AE-C

*Clinical Assistant Professor, Nursing*

Treister P. (2018, March 21–23). *Leadership and change theory: Implementing change in nursing education*. Abstract and Podium Presentation at the 20th Global Nursing Education Conference, New York City. In *Proceedings of the 20th Global Nursing Education Conference, Journal of Nursing and Care*, 7. Doi: 10.4172/2167-1168-C2-067.

Treister P. (2018, June 25–26). *Uncompensated care and the financial impact in the emergency department*. Abstract and Video Podium Presentation at the 72nd Conference of Scientific Federation's 4th World Congress on Nursing & Healthcare (WCNH 2018), Kuala Lumpur, Malaysia.

Treister P. (2018, August 29–30). *The clinical role of the school nurse — A vital link in health care*. Abstract and Video Podium Presentation at the Continuing Medical Education (CME) & Continuing Nursing Education (CNE) Accredited 17th World Congress on Clinical Nursing & Practice (Clinical Nursing 2018), Zurich, Switzerland.

## William Werner, PT, Ed.D.

*Associate Professor, Physical Therapy*

DiFrancisco-Donoghue J., Divan M., DeLuca A., Baranek C., Werner W.G., & Zwibel H. (2018, May). *Macronutrient intake and resting metabolic rate in middle and long distance recreational female runners*. Poster presented at the American College of Sports Medicine (ACSM) 66th Annual Meeting, Minneapolis, Minn.

# III. Honorees and Awardees

## Sheldon D. Fields, Ph.D., RN, FNP-BC, AACRN, FAANP, FNAP, FAAN

*Professor, Nursing*

### **Cultural Pluralism Award**

Association of Schools of Allied Health Professions, October 2018

<http://www.asahp.org/2018-asahp-annual-conference>

### **Distinguished Alumni Award**

State University of New York, Educational Opportunity Program 50th Anniversary, May 2018 <https://www.suny.edu/events/eop-50-buffalostate/>

**Elected to a full 3-year term on the Board of Directors for the National Black Nurses Association Inc.** (2018–2021). <https://www.nbna.org/board>

## Eric Greenberg, PT, DPT, SCS, CSCS

*Assistant Professor, Physical Therapy*

**Best Scientific Paper Specialty Award for Physical Therapy**

Greenberg E.M., Greenberg E.T., Albaugh J., Storey E., & Ganley T. (2018). Anterior cruciate ligament reconstruction rehabilitation clinical practice patterns: A survey of the PRISM Society. 5th Annual Pediatric Research in Sports Medicine Society (PRISM) Annual Meeting, Plantation, Fla.

## Ellen Greer, Ph.D.

*Assistant Professor, Occupational Therapy*

**Awarded second prize for best research poster.** Greer E., Neville S. (2018, April). *The experience of liminality in the lifeworld of women who return to work after breast cancer treatment.* Nursing leadership poster presentation at the Adelphi University College of Nursing and Public Health & Sigma Theta Tau Alpha Omega Chapter, Garden City, N.Y.

## Gordon Schmidt, Ph.D., FACSM

*Dean and Professor, School of Health Professions*

**Higher Education Teacher of the Year.** New Jersey Association of Health, Physical Education, Recreation, Dance (NJ AHPERD). Presented at the Annual Convention, February 24, 2018. Long Branch, N.J.

# IV. Grant Recipients—Externally Sponsored

## Rosemary Gallagher, Ph.D., PT, DPT, GCS

*Associate Professor, Physical Therapy*

SaTC: CORE: Small: RUI: Leveraging Movement, Posture, and Anthropometric Contexts to Strengthen the Security of Mobile Biometrics. Project period 10/1/2018–9/30/2021. National Science Foundation. Award No. CNS-1814846.

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

*Director, Academic Management, Assistant Dean, Undergraduate Affairs, Interdisciplinary Health Sciences*

A Living Laboratory for Nutrition Education. Allen Foundation Inc. Project period 6/1/2017–5/31/2020.

Lorraine Mongiello, Dr.P.H., RDN,  
CDE, BC-ADM

*Associate Professor, Interdisciplinary Health Sciences*

A Living Laboratory for Nutrition Education. Allen Foundation Inc. Project period  
6/1/2017–5/31/2020.

## V. Grant Recipients—Internally Sponsored

Michelle Farella-Accurso, PT, DPT

*Physical Therapist, Academic Health Care Center*

The Relationship between Cognition and Balance using the Montreal cognitive Assessment and the MiniBESTest in Parkinson's disease. Co-Principal Investigator. ISRC Grant.

Anoma Zehra Ahmed, PA-C, MBBS

*Assistant Professor and Chairperson, Physician Assistant Studies*

Communities on the Move: Partnering for Wellness and Empowerment. Co-Principal Investigator. ISRC Grant

Melanie Austin, OTD, MPA, OTR/L

*Assistant Professor, Occupational Therapy*

Communities on the Move: Partnering for Wellness and Empowerment. Principal Investigator. ISRC Grant

Health on the Go! A Motivational Health App: Pilot of Prototype Design for Sleep Health. Principal Investigator. TLT Grant.

Launch, Empower, Advocate, Prepare (LEAP) towards LGBTQ Youth Psychosocial Access to Occupational Therapy Services. Co-Principal Investigator. ISRC Grant.

## Rosemary Gallagher, Ph.D., PT, DPT, GCS

*Associate Professor, Physical Therapy*

The Relationship between Cognition and Balance using the Montreal cognitive Assessment and the MiniBESTest in Parkinson's disease. Principal Investigator. ISRC Grant.

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

## Eric Greenberg, PT, DPT, SCS, CSCS

*Assistant Professor, Physical Therapy*

Comparison of Running Mechanics With and Without the Use of a Specialized Belt System in a Group of Healthy Runners. Principal Investigator. ISRC Grant.

## Ellen Greer, Ph.D., OT/L, NCPsyA, LP

*Assistant Professor, Occupational Therapy*

Launch, Empower, Advocate, Prepare (LEAP) towards LGBTQ Youth Psychosocial Access to Occupational Therapy Services. Principal Investigator. ISRC Grant.

## Gordon Schmidt, Ph.D., FACSM

*Dean and Professor, School of Health Professions*

Health on the Go! A Motivational Health App: Pilot of Prototype Design for Sleep Health. Co-Principal Investigator. TLT Grant.

## William Werner, P.T., Ed.D

*Associate Professor, Physical Therapy*

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

Comparison of Running Mechanics With and Without the Use of a Specialized Belt System in a Group of Healthy Runners. Co-Principal Investigator. ISRC Grant.



School of  
Interdisciplinary  
Studies and  
Education

# I. Authors

## Daniel Cinotti, Ph.D.

*Assistant Professor, School Counseling*

Dahir C., & Cinotti D. (2018). Dropping out is not an option. *Journal of Educational Leadership and Policy Studies*, 2(1). Accessed from <https://go.southernct.edu/jelps/#archive>

Dahir C., Feirsen R., & Cinotti D. (2018). Changing the paradigm of school counseling practice through school principals' leadership. *AERA Online Paper Repository*.  
Doi: 10.302/1315636.

Shea M.L., Cinotti D., & Stone. C. (2018). An examination of school counselors' use of electronic case notes. *Journal of School Counseling*, 16(18). Retrieved from [https://www.researchgate.net/publication/327870911\\_An\\_Examination\\_of\\_School\\_Counselors'\\_Use\\_of\\_Electronic\\_Case\\_Notes](https://www.researchgate.net/publication/327870911_An_Examination_of_School_Counselors'_Use_of_Electronic_Case_Notes)

Springer S., Moss L., Cinotti D., & Land C. (2018). Examining pre-service school counselors' site supervisory experiences specific to group work. *Journal for Specialists in Group Work*, 43(3), 250–273. Doi: 10.1080/01933922.2018.1484537.

Springer S., Land C., Moss L., & Cinotti D. (2018). Collecting school counseling group work data: Initiating consensual qualitative research through practitioner-researcher partnerships. *Journal for Specialists in Group Work*, 43(2), 128–143.  
Doi: 10.1080/01933922.2018.1431346.

## Carol A. Dahir, Ed.D.

*Adjunct Professor and Chairperson, School Counseling*

Dahir C., & Cinotti D. (2018). Dropping out is not an option. *Journal of Educational Leadership and Policy Studies*, 2(1). Accessed from <https://go.southernct.edu/jelps/#archive>

Dahir C., Feirsen R., & Cinotti D. (2018). Changing the paradigm of school counseling practice through school principals' leadership. *AERA Online Paper Repository*.  
Doi: 10.302/1315636.

Dahir C., & Shea M. (2018) Utilizing group work and group facilitation skills to support the multitier system supports (MTSS) process. In Springer S., Moss L. (Eds.). *School counselors share their favorite group activities* (chapter 5). Alexandria, VA: Association for Specialists in Group Work.

## Robert Feirsen, Ed.D.

*Assistant Professor, Director, School Leadership and Technology Program*

Dahir C., Feirsen R., & Cinotti D. (2018). Changing the paradigm of school counseling practice through school principals' leadership. *AERA Online Paper Repository*.  
Doi: 10.302/1315636.

## Hui-Yin Hsu, Ph.D.

*Professor and Chairperson, Teacher Education*

Swid A., Hsu H., & Wang S.K. (2018). Mobile learning application to facilitate ubiquitous collaborative learning: An organizational behavior course. *Journal of Higher Education Theory and Practice*, 18(4), 25–29.

## Jim Martinez, Ph.D.

*Associate Professor and Chairperson, Interdisciplinary Studies*

Martinez J.E., & Bravo A. (2018). Service-learning and STEM creating new possibilities in public schools. In D.E. Lund (Ed.). *The Wiley International Handbook of Service-learning for Social Justice*, chapter 21. Hoboken, N.J.: Wiley-Blackwell.

## Melda N. Yildiz, Ed.D.

*Associate Professor, MSIT, Masters Instructional Technology*

Yildiz M., Funk S.S., & De Abreu B.S. (2018). *Promoting Global Competencies through Media Literacy* (pp.1–300). Hershey, PA: IGI Global. Doi: 10.4018/978-1-5225-3082-4.

# II. Presenters at Meetings

## Meesuk Ahn, Ph.D.

*Adjunct Assistant Professor, Teacher Education and Interdisciplinary Studies*

Wang S-K., Hsu H-Y., & Ahn, M. (2018, June). *Examining the effects of playing video games on creative thinking*. Paper presented at the 2018 World Conference on E-Learning Annual Conference, Las Vegas, Nev.

Wang S-K., Hsu H-Y., & Ahn M. (2018, June). Examining the effects of playing video games on creative thinking. Paper presented at the 2018 EdMedia+Innovate Learning Annual Conference, Amsterdam, Netherlands.

Yildiz M., Fazal M., & Ahn M. (2018, June). *Real data — Fake news: The truth lies somewhere in between*. Poster presented at the Education Leadership Data Analytics (ELDA) Summit, Columbia University, New York City.

## Daniel Cinotti, Ph.D.

*Assistant Professor, School Counseling*

Cinotti D. (2018, October). *The Dignity for All Students Act (DASA): School counselors' role in bullying prevention*. Presentation at the Guidance Expo, White Plains, N.Y. <http://www.guidanceexpo.net/>

Cinotti D., & Kendrick E. (2018, September). *A cross-disciplinary model for enhancing relationship building skills*. Presentation at the North Atlantic Regional Association for Counselor Education and Supervision (NARACES) Conference, Burlington, Vt. <https://naraces.org/>

Dahir C., Feirsen R., & Cinotti D. (2018, April). *Changing the paradigm of school counseling practice through school principals' leadership*. Paper presented at the American Educational Research Association (AERA) Annual Meeting, New York City. Doi: 10.302/1315636.

Cinotti D., Oliver B., & Lenares-Solomon D. (2018, April). *Bridging two worlds: Identity development of school counselors and counselor educators*. Presentation at the American Counseling Association (ACA) Conference & Expo, Atlanta, Ga. <https://www.counseling.org>

## Carol A. Dahir, Ed.D.

*Adjunct Professor and Chairperson, School Counseling*

Dahir C., Feirsen R., & Cinotti D. (2018, April). *Changing the paradigm of school counseling practice through school principals' leadership*. Paper presented at the American Educational Research Association (AERA) Annual Meeting, New York City. Doi: 10.302/1315636.

## Minaz Fazal, Ph.D.

*Assistant Professor, Teacher Education Program*

Bryant M., & Fazal M. (2018, April). *Blended learning for math: A middle school comparative study*. Paper presented at the American Education Research Association (AERA) Annual Conference, New York City.

Fazal M. (2018, April). *Blended and personalized learning for equitable education*. Paper presented at the Third Annual Education Solutions: SDG-4 International Conference and Training, Center for SDG Global Education and School of Education, LIU, UNESCO and NYIT, New York City.

Yildiz M., Fazal M., & Ahn M. (2018, June). *Real data — Fake news: The truth lies somewhere in between*. Poster presented at the Education Leadership Data Analytics (ELDA) Summit, Columbia University, New York City.

Yildiz M., Fazal M., & Feirsen R. (2018, June). *Storytelling with data: Visualization in education*. Interactive workshop session presented at the EDxED Conference, New York City.

## Robert Feirsen, Ed.D.

*Assistant Professor, Director, School Leadership and Technology Program*

Dahir C., Feirsen R., & Cinotti D. (2018, April). *Changing the paradigm of school counseling practice through school principal's leadership*. Paper presented at the American Educational Research Association (AERA) Annual Meeting, New York City. Doi: 10.302/1315636.

Feirsen R. (2018, June). *How to get the teaching job you want*. Presentation at Phi Delta Kappa Educators Rising Annual Conference, Orlando, Fla.

Hsu H-Y., & Feirsen R. (2018, October). *Addressing the challenge to advocate for educators using the design thinking approach*. Presentation at the 2018 New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Feirsen R., & Hsu H-Y. (2018, October). *Leadership with a "T": Integrating teacher leadership into leadership preparation programs*. Presentation at the 2018 New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Feirsen R., & Hsu H-Y. (2018, October). *Falling forward: Teaching organizational recovery to school leadership candidates*. Presentation at the 2018 New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Yildiz M., Fazal M., & Feirsen R. (2018, June). *Storytelling with data: Visualization in education*. Interactive workshop session presented at the EDxED Conference, New York City.

## Hui-Yin Hsu, Ph.D.

*Professor and Chairperson, Teacher Education*

Feirsen R., & Hsu H-Y. (2018, October). *Falling forward: Teaching organizational recovery to school leadership candidates*. Presentation at the 2018 New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Feirsen R., & Hsu H-Y. (2018, October). *Leadership with a "T": Integrating teacher leadership into leadership preparation programs*. Presentation at the 2018 New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Hsu H-Y., & Feirsen R. (2018, October). *Addressing the challenge to advocate for educators using the design thinking approach*. Presentation at the 2018 New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Hsu H-Y. (2018, October). *Benefits and challenges in building (and maintaining) mutually beneficial school partnerships*. Paper presented at the 2018 New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Hsu H-Y., Kim P., Heidemeier H., & Wang S-K. (2018, October). *Impact of student-generated questioning practices on science and literacy learning*. Paper presented at the 2018 World Conference on E-Learning Annual Conference, Las Vegas, Nev.

Hsu H-Y., Kim P., Heidemeier H., & Wang S-K. (2018, June). *Impact of student-generated questioning practices on science and literacy learning*. Paper presented at the 2018 EdMedia+Innovate Learning Annual Conference, Amsterdam, Netherlands.

Wang S-K., Hsu H-Y., & Ahn M. (2018, October). *Examining the effects of playing video games on creative thinking*. Paper presented at the 2018 World Conference on E-Learning Annual Conference, Las Vegas, Nev.

Wang S-K., Hsu H-Y., & Ahn M. (2018, June). *Examining the effects of playing video games on creative thinking*. Paper presented at the 2018 EdMedia+Innovate Learning Annual Conference, Amsterdam, Netherlands.

## Ann-Marie Parkes, Ed.D.

*Assistant Professor, Program Coordinator, Masters Instructional Technology for Educators, NYIT-Abu Dhabi (UAE)*

Parkes A.M. (2018, April). *There is always something to learn from experimentation*. Paper presented at the Global Conference on Education and Research, University of Nevada, Las Vegas.

## Christian Pongratz, M.Arch

*Professor, Architecture & Interim Dean, Interdisciplinary Studies*

**Pongratz C.** (2018, November). *Maker City, Trends in the Maker City*. Panellist and presenter at the Maker City & City Making Conference, Center for Architecture, American Institute of Architects, AIA, New York City.

**Pongratz C.** (2018, April). *Stereotomy 2.0 and Digital Construction Tools*. Symposium Moderator at the School of Architecture and Design Exhibition, NYIT- Auditorium on Broadway, New York City.

**Pongratz C.** (2018, April). *HI\_lo & saddle polyhedra*. Presenter of professional work at the Stereotomy 2.0, Exhibition, Par Excellence Studio, New York City.

## Melda N. Yildiz, Ed.D.

*Associate Professor, MSIT, Masters Instructional Technology*

Feirsen R., & Yildiz M. (2018, October 11–12). *The Big Picture: Teaching 21st Century Visualization Skills*. Co-presented at the New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Conference, Saratoga Springs, N.Y.

Yildiz M. (2018, March). *E-Debiyyat (E-Literature) Educational App Project: Multilingual Multicultural Multimedia*. Paper presented at the Society for Information Technology & Teacher Education International (SITE) Conference, Westin Hotel, Alexandria, Va.

Yildiz M. (2018, March). *Media Binds or Blinds? Participatory Action Research in Deconstructing Myths and Misconceptions in Teacher Education*. Paper presented at the Society for Information Technology & Teacher Education International (SITE) Conference, Westin Hotel, Alexandria, Va.

Yildiz M. (2018, March). *Multilingual Multicultural Multimedia: Globally Connected Mobile Learning Projects*. Poster presented at the Society for Information Technology & Teacher Education International (SITE) Conference, Westin Hotel, Alexandria, Va.

Yildiz M. (2018, March). *Storytelling with Data: Visualization in Education: Semiotics Perspective*. Paper presented at the Society for Information Technology & Teacher Education International Conference, Washington, D.C. In *Proceedings of Society for Information Technology & Teacher Education International Conference 2018*, Chesapeake, VA: Association for the Advancement of Computing in Education (AACE); <https://www.learntechlib.org/primary/j/SITE/v/2018/n/1/>

Yildiz M. (2018, April). *Media Binds or Blinds? Community Mapping and Digital Stories from P20 Classrooms Participatory Action Research in Deconstructing Myths and Misconceptions in Global Media Education*. PowerPoint presentation at the Special Interest Group (SIG) Action Research Teacher Education In-Service/Professional Development,

Global Education American Educational Research Association (AERA) Conference, Crowne Plaza Times Square, New York City.

Yildiz M. (2018, April). *Collaboration is no longer an option: School Leader and School Counselor Connections*. Discussant at the Division E Counseling and Human Development Symposium, American Educational Research Association (AERA) Conference, Crowne Plaza Times Square, New York City.

Yildiz M.N., & Boone, J. (2018, June). *Research: Multilingual Multicultural Multimedia: Globally Connected Mobile Learning Projects*. Poster co-presented at the International Society for Technology in Education (ISTE), McCormick Place West Building, Chicago, Ill; <https://conference.iste.org/2018/>

Yildiz M.N. (2018, November). *Deconstructing Myths and Misconceptions in Teacher Education and Storytelling with Data: Participatory Action Research*. Paper presented at the International Media Education Summit 2018, Hong Kong Baptist University, Kowloon Tong, Hong Kong. <https://www.cemp.ac.uk/summit/2018/>

Yildiz M., Fazal M., & Ahn M. (2018, June). *Real data — Fake news: The truth lies somewhere in between*. Poster presented at the Education Leadership Data Analytics (ELDA) Summit, Columbia University, New York City.

Yildiz M., Fazal M., & Feirsen R. (2018, June). *Storytelling with data: Visualization in education*. Interactive workshop session presented at the EDxED Conference, New York City.

## III. Grant Recipients—Externally Sponsored

Jim Martinez, Ph.D.

*Associate Professor and Chairperson, Interdisciplinary Studies*

New York Institute of Technology and Improvscience in partnership with CESTEMER. PressForward Project at the Roy Rosenzweig Center for History and New Media. Alfred P. Sloan Foundation.

Stan Silverman, M.S.

*Professor, Instructional Technology*

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

Northeast Regional Comprehensive Center (NRCC). RMC Research Corporation. CFDA 84.283B; Comprehensive Centers Program. Project period 10/1/2012–9/30/2018.

Professional Development for Instructional Technology. New York City Department of Education. MTAC R1077; Professional Development for Instructional Technology, DOE/State Contract # QR077AJ. Project period 10/15/2016–4/30/2021.



## IV. Grant Recipients—Internally Sponsored

Meesuk Ahn, Ph.D.

*Adjunct Assistant Professor, Teacher Education and Interdisciplinary Studies*

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

Minaz Fazal, Ph.D.

*Assistant Professor, Teacher Education Program*

Young Writers' Partnership-Increasing Writing Achievement. Principal Investigator.  
ISRC Grant.

Robert Feirsen, Ed.D.

*Assistant Professor, Director, School Leadership & Technology Program*

Storytelling with Data and Visualization in Education: Semiotics and Multicultural Perspective. Co-Principal Investigator. ISRC Grant.

Hui-Yin Hsu, Ph.D.

*Professor and Chairperson, Teacher Education*

A Comparison Study of Measures of Critical Thinking Skills: Machine Rating vs. Human Rating? Principal Investigator. ISRC Grant.

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

Jim Martinez, Ph.D.

*Associate Professor and Chairperson, Interdisciplinary Studies*

Developing Teaching Practices in Global Online Communities. Principal Investigator.  
ISRC Grant.

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

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

R-CUBED: Relief x Reconstruction x Resiliency, Building Infrastructures with a Multidisciplinary Disaster Response Collective. Co-Principal Investigator. ISRC Grant.

## Kate E. O'Hara, Ph.D.

*Associate Professor, Interdisciplinary Studies*

Building Resilient Communities. Principal Investigator. TLT Grant.

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

Developing Teaching Practices in Global Online Communities.  
Co-Principal Investigator. ISRC Grant.

## Luzia Ogureck, M.A.

*Associate Director, International and Experiential Education*

Health on the Go! A Motivational Health App: Pilot of Prototype Design for Sleep Health.  
Co-Principal Investigator. TLT Grant.

## Ann-Marie Parkes, Ed.D.

*Assistant Professor, Program Coordinator, Masters Instructional Technology for Educators, NYIT-Abu Dhabi (UAE)*

Developing Teaching Practices in Global Online Communities.  
Co-Principal Investigator. ISRC Grant.

High-Impact Practices: Palestinian Educator's Reflection in Action.  
Principal Investigator. Global Faculty Research and Creativity Grant (GFRC).

There is Always Something to Learn from Experimentation.  
Principal Investigator. Global Faculty Research and Creativity Grant (GFRC).

## Christian Pongratz, M.Arch

*Professor, Architecture and Interim Dean, Interdisciplinary Studies*

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

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

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

## Jason Rosenblum, Ph.D.

*Adjunct Assistant Professor, Masters Instructional Technology*

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

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

## Melda N. Yildiz, Ed.D.

*Associate Professor, MSIT, Masters Instructional Technology*

Multilingual Multicultural Multimedia: Globally connected Mobile Learning Projects.  
Principal Investigator. TLT Grant.

Storytelling with Data and Visualization in Education: Semiotics and Multicultural Perspective. Principal Investigator. ISRC Grant.

“Champions keep  
playing until they  
get it right.”

— Billie Jean King

# School of Management

# I. Authors

## Joshua E. Bienstock, J.D., L.L.M.

*Assistant Professor, Law*

Bienstock J.E., Seaman C., & LaPerla J. (2018). Integrating international students into the U.S. university classroom: Strategic planning. *International Journal of Business Research*, 18(2), 15–26. Doi: 10.18374/IJBR-18-2.2.

Bienstock J., Swid A., & Brown A. (2018). Managing university/student conflict by implementing mandatory arbitration as a condition of enrollment: Preserving institutional cost and reputation. *International Journal of Business Research*, 18(3), 1–10. Doi: 10.18374/IJBR-18-3.1.

Cohn D., & Bienstock J. (2018, May 21). The tricky task of friending (or unfriending) a colleague. *Wall Street Journal.com*. Retrieved from <https://www.wsj.com/articles/the-tricky-task-of-friending-or-unfriending-a-colleague-1526565866>

Mittal R., & Bienstock J. (2018). Transformational leadership and polychronicity as antecedents of work-home boundaries. *Management Research Review*, 1–13. Doi: 10.1108/MRR-02-2018-0093.

Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018). Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi:10.18374/JIMS-18-3.1.

## Deborah Y. Cohn, Ph.D.

*Associate Professor, Marketing*

Cohn D., & Bienstock J. (2018, May 21). The tricky task of friending (or unfriending) a colleague. *Wall Street Journal.com*. Retrieved from <https://www.wsj.com/articles/the-tricky-task-of-friending-or-unfriending-a-colleague-1526565866>

Cohn D.Y., & Vaccaro V. (2018). Reducing the green gap: The impact of cultural and personal values on adoption of hybrid and electric vehicles in the US, UK, Australia and South Africa. *Journal of International Management Studies*, 18(3), 29–44. Doi: 10.18374/JIMS-18-3.3.

## Majid Makinejad Davoodi, Ph.D.

*Associate Professor, Production and Operations Management, NYIT-Vancouver*

Davoodi M.M. (2018, December). *Reverse logistics in car bumper development*. Paper presented at the International Conference on Advances in Business Management and Information Technology (ICABMIT), Toronto, Canada. In *Proceedings of the 214th IIER International Conference*, 50–52. Retrieved from <http://worldresearchlibrary.org/proceeding.php?pid=2446>

## Petra F.A. Dilling, Ph.D.

*Associate Professor, Accounting, NYIT-Vancouver*

Dilling F.A., & Harris P. (2018). Reporting on long-term value creation by Canadian companies: A longitudinal assessment. *Journal of Cleaner Production*, 191, 350–360. Doi: 10.1016/j.jclepro.2018.03.286.

## Peter Harris, MBA, CFA, CPA, CMA, CIA, AICPA/CFF, AICPA/CVA, CFE, FCPA, EA, CLU, ChFC

*Professor, Accounting*

Dilling F.A., & Harris P. (2018). Reporting on long-term value creation by Canadian companies: A longitudinal assessment. *Journal of Cleaner Production*, 191, 350–360. Doi: 10.1016/j.jclepro.2018.03.286.

Harris P. (2018). A case study on the new US GAAP lease rules. *Journal of Construction and Taxation*, 14–24. Accessed from <https://store.tax.thomsonreuters.com/accounting/Finance/Construction-Accounting-and-Taxation/p/100201205>

Harris P., & Teplisky F. (2018). A case study in fraud prevention: Charlene Corley. *Review of Business and Finance Studies*, 9(1), 39–51. Retrieved from <http://www.theibfr2.com/RePEc/ibf/rbfstu/rbfs-v9n1-2018/RBFS-V9N1-2018-4.pdf>

Lau K., & Harris P. (2018). Internal auditors use of RFID in the apparel industry. *Internal Auditing*, 33(1), 27–32. Retrieved from <https://store.tax.thomsonreuters.com/accounting/Finance/Internal-Auditing/p/100201298>

## Xueting Jiang, Ph.D.

*Assistant Professor, Management*

Flores H.R., Jiang X., & Manz C. (2018). Intra-team conflict: the moderating effect of emotional self-leadership. *International Journal of Conflict Management*, 29, (3), 424–444. Doi: 10.1108/IJCMA-07-2017-0065.

## Colleen P. Kirk, DPS.

*Assistant Professor, Marketing*

Kirk C.P., Peck J., & Swain S.D. (2018). Property lines in the mind: Consumers' psychological ownership and their territorial responses. *Journal of Consumer Research*, 45(1), 148–168. Doi: 10.1093/jcr/ucs111.

Kirk C.P., Peck J., & Swain S.D. (2018, June 14). "Back off! That's mine! How and when consumers express their feelings of ownership with territorial responses. Invited publication in *The Science of Ownership*. Retrieved from <https://thescienceofownership.org/2018/06/14/back-off-thats-mine-consumers-behaving-territorially/>

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Kirk C.P. (2018, November 20). Why do Black Friday shoppers throw punches over bargains? A marketing expert explains “psychological ownership.” *The Conversation*. Retrieved from <https://theconversation.com/why-do-black-friday-shoppers-throw-punches-over-bargains-a-marketing-expert-explains-psychological-ownership-106673>.

Kirk C.P. (2018, September 17). How customers come to think of a product as an extension of themselves. *Harvard Business Review*. Retrieved from <https://hbr.org/2018/09/how-customers-come-to-think-of-a-product-as-an-extension-of-themselves>

## John LaPerla, M.B.A.

*Adjunct Instructor, Management*

Bienstock J.E., Seaman C., & LaPerla J. (2018). Integrating international students into the U.S. university classroom: Strategic planning. *International Journal of Business Research*, 18(2), 15–26. Doi: 10.18374/IJBR-18-2.2.

Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018). Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi: 10.18374/JIMS-18-3.1.

## Frank T. Lorne, Ph.D.

*Professor, Economics, NYIT-Vancouver*

Lai L.W.C., Davies S.N.G., Chau K.W., Ching K.S.T., Chua M.H., Leung H.F., & Lorne F.T. (2018). The determination of the “true” property boundary in planned development: A Coasian analysis. *The Annals of Regional Science*, 1–21. Doi: 10.1007/s00168-018-0871-8.

Lorne F.T., Daram S., Frantz R., Kumar N., Mohammed A., & Muley A. (2018). Blockchain economics and marketing. *Journal of Computer and Communications*, 6(12), 107–117. Doi: 10.4236/jcc.2018.612011.

## Purushottam L. Meena, Ph.D.

*Associate Professor, Operations Management*

Kainth J., & Meena P.L. (2018). One step ahead: The role of competitive intelligence in designing pricing strategies. *Indian Management*, 57(4), 73–77. Retrieved from <https://www.magzter.com/preview/3506/274494#page/1>

Katiyar R., Barua M.K., & Meena P.L. (2018). Analyzing the interactions among the barriers of supply chain performance measurement: An ISM with fuzzy MICMAC approach. *Global Business Review*, 19(1), 1–21. Doi: 10.1177/0972150917713283.

Katiyar R., Meena P.L., Barua M.K., Tibrewala R., & Kumar G. (2018). Impact of sustainability and manufacturing practices on supply chain performance: Findings from PLS and AHP. *International Journal of Production Economics*, 197, 303–316. Doi: 10.1016/j.ijpe.2017.12.007.

Tibrewala Rajen, Tibrewala Ravi, & Meena P.L. (2018). Buyback policy for supply chain coordination: A Simple Rule. *International Journal of Operational Research*, 34(4), 545–572. Doi: 10.1504/IJOR.2018.090437.



## Rakesh Mittal, Ph.D.

*Assistant Professor, Human Resource Management*

Mittal R., & Bienstock J. (2018). Transformational leadership and polychronicity as antecedents of work-home boundaries. *Management Research Review*, 1–13. Doi: 10.1108/MRR-02-2018-0093.

## Radoslaw Nowak, Ph.D.

*Assistant Professor, Management*

Nowak R. (2018). Responding to key exogenous changes: The joint effect of network heterogeneity and culture of innovation. *International Journal of Innovation Management*, 1950030, 1–27. Doi: 10.1142/S1363919619500300.

Nowak R. (2018). Executive's personality and group performance: The mediating role of absorptive capacity. *International Journal of Innovation Management*, 22(6), 1–29. Doi: 10.1142/S1363919618500470.

## Eleanor A. Schwartz, M.B.A.

*Adjunct Instructor, Marketing, Management, Interdisciplinary Studies*

Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018). Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi: 10.18374/JIMS-18-3.1.

## Cristina Seaman, D.M.

*Adjunct Associate Professor, Management*

Bienstock J.E., Seaman C., & LaPerla J. (2018). Integrating international students into the U.S. university classroom: Strategic planning. *International Journal of Business Research*, 18(2), 15–26. Doi: 10.18374/IJBR-18-2.2.

Seaman C. (2018). Sustaining self-motivation as an educational leader in the 21st century: A rise to success. *European Journal of Management*, 18(2), 51–68. Doi: 10.18374/EJM-18-2.5.

Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018). Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi: 10.18374/JIMS-18-3.1.

## Shaya Sheikh, Ph.D.

*Assistant Professor, Operations Management*

Komaki G.M., Sheikh S., & Malakooti B. (2018). Flow shop scheduling problems with assembly operations: A review and new trends. *International Journal of Production Research*, 1–30. Doi: 10.1080/00207543.2018.1550269.

Sheikh S., Komaki G.M., & Kayvanfar V. (2018). Multi objective two-stage assembly flow shop with release time. *Computers & Industrial Engineering*, 124, 276–292. Doi: 10.1016/j.cie.2018.07.023.

## Amr A. Swid, Ph.D.

*Assistant Professor, Management*

Bienstock J., Swid A., & Brown A. (2018). Managing university/student conflict by implementing mandatory arbitration as a condition of enrollment: Preserving institutional cost and reputation. *International Journal of Business Research*, 18(3), 1–10. Doi: 10.18374/IJBR-18-3.1.

Swid A., Hsu H., & Wang S.K. (2018). Mobile learning application to facilitate ubiquitous collaborative learning: An organizational behavior course. *Journal of Higher Education Theory and Practice*, 18(4), 25–29.

Swid A., & Ragab D. (2018). Narcissistic Leaders: A review of astonishing success and remarkable failure. *Journal of Leadership, Accountability, and Ethics*, 15(3), 31–39.

## Rajendra Tibrewala, Eng.Sc.D.

*Professor, Operations Management and Chairperson, Management and Marketing*

Katiyar R., Meena P.L., Barua M.K., Tibrewala R., & Kumar G. (2018). Impact of sustainability and manufacturing practices on supply chain performance: Findings from PLS and AHP. *International Journal of Production Economics*, 197, 303–316. Doi: 10.1016/j.ijpe.2017.12.007.

Tibrewala Rajen, Tibrewala Ravi, & Meena P.L. (2018). Buyback policy for supply chain coordination: A Simple Rule. *International Journal of Operational Research*, 34(4), 545–572. Doi: 10.1504/IJOR.2018.090437.

# II. Presenters at Meetings and Conferences

## Joshua E. Bienstock, J.D., L.L.M.

*Assistant Professor, Law*

Bienstock J. (2018, March). *Campus conflict resolution: The time has come for mandatory mediation*. Paper presented at the 25th Annual American Society of Business and Behavioral Sciences (ASBBS) Conference, Las Vegas, Nev.

Bienstock J.E., Seaman C., & LaPerla J. (2018). *Integrating international students into the U.S. university classroom: Strategic planning*. Paper presented at the International Academy of Business and Economics (IABE-2018) Munich Conference, Munich, Germany. *International Journal of Business Research*, 18(2), 15–26. Doi: 10.18374/IJBR-18-2.2.

Bienstock J., Swid A., & Brown A. (2018). *Managing university/student conflict by implementing mandatory arbitration as a condition of enrollment: Preserving institutional cost and reputation*. Paper presented at the International Academy of Business and Economics Conference, New York City. *International Journal of Business Research*, 18(3), 1–10. Doi: 10.18374/IJBR-18-3.1.

Bienstock J., Swid A., & Cohn D.Y. (2018, June). *Resolving campus conflict through mediation: The road map to student satisfaction*. Presentation at the 2018 Consumer Satisfaction/Dissatisfaction and Complaining Behavior Conference, NYIT Auditorium on Broadway, New York City.

- Muthuraj B., & Bienstock J. (2018, November). *Linking theories of supply chain integration and strategic leadership: An empirical study*. Paper presented at the Decision Sciences Institute (DSI) Annual Meeting, Chicago, Ill.
- Muthuraj B., & Bienstock J. (2018, December). *Improving benefits of the buyer-supplier relationship: Examination of social capital theory*. Paper presented at the 12th Annual Indian Subcontinent Decision Sciences Institute (ISDSI) Conference, SP Jain Institute of Management and Research (SPJIMR), Mumbai, India.
- Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018, October). *Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach*. Paper presented at the International Academy of Business and Economics (IABE-2018) New York Conference, New York City. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi:10.18374/JIMS-18-3.1.
- Swid A., & Bienstock J. (2018, January). U.S. campus orientation programs for international students: *University and student preferences*. Paper presented at the International Conference on Economics, Management and Social Study (ICEMSS), Cairo, Egypt.
- Swid A., Bienstock J., & Cohn D.Y. (2018, June). *Satisfied employees and company brand image: A social media approach*. Presentation at the 2018 Consumer Satisfaction/Dissatisfaction and Complaining Behavior Conference, NYIT Auditorium on Broadway, New York City.

## Deborah Y. Cohn, Ph.D.

*Associate Professor, Marketing*

- Aron D., Bickle M., Cohn D.Y., & Hartman L. (2018, June). *Panel: Enhancing the learning experience*. Discussant at the 2018 Consumer Satisfaction/Dissatisfaction and Complaining Behavior Conference, NYIT Auditorium on Broadway, New York City.
- Bienstock J., Swid A., & Cohn D.Y. (2018, June). *Resolving campus conflict through mediation: The road map to student satisfaction*. Presentation at the 2018 Consumer Satisfaction/Dissatisfaction and Complaining Behavior Conference, NYIT Auditorium on Broadway, New York City.
- Cohn D.Y. (2018, January). *The future of retail and franchising*. Invited Speaker at the Innovation in the Retail Industry Conference, co-sponsored event with New York Institute of Technology and the Brazilian Franchising Association (ABF), NYIT Auditorium on Broadway, New York City.
- Cohn D.Y., & Vaccaro V. (2018, October). *Reducing the green gap: The impact of cultural and personal values on adoption of hybrid and electric vehicles in the US, UK, Australia and South Africa*. Presentation at the International Academy of Business and Economics 2018 Fall Conference, New York City. [www.iabe.org](http://www.iabe.org)
- Swid A., Bienstock J., & Cohn D.Y. (2018, June). *Satisfied employees and company brand image: A social media approach*. Presentation at the 2018 Consumer Satisfaction/Dissatisfaction and Complaining Behavior Conference, NYIT Auditorium on Broadway, New York City.

# Peter Harris, MBA, CFA, CPA, CMA, CIA, AICPA/CFF, AICPA/CVA, CFE, FCPA, EA, CLU, ChFC

*Professor, Accounting*

Harris P. (2018, January). *Inventory costing: A comprehensive case study*. Paper presented at the Institute of Business and Finance Conference, Hilo, Hawaii.

Harris P. (2018, April). *The new US GAAP lease requirements and the impact on financial R, BEFB*. Paper presented at the International Congress of Banking, Economics, Finance and Business Conference, Nagoya, Japan.

Harris P. (2018, June). *A case study on the new US GAAP lease rules*. Paper presented at the E-Leader Chinese American Scholars Association, Warsaw, Poland.

Harris P. (2018, August). *The impact of the new US GAAP lease rules on financial ratios*. Paper presented and Session Chairperson at the 8th Annual International Conference on Accounting and Finance, Singapore.

Harris P. (2018, August). *The impact of US GAAP lease rules on financial ratios*. Paper presented and Session Chairperson at the International Congress on Banking, Economics, Finance, and Business Summer Session, Sapporo, Japan.

Harris P., & Benjamin M. (2018, January). *The impact of the new US GAAP lease rules on financial ratios*. Paper presented at the Institute of Business and Finance Conference, Hilo, Hawaii.

Harris P., & Benjamin M. (2018, May). *The impact of the new US GAAP lease rules on financial ratios*. Paper presented at Institute of Business and Finance Conference, San Jose, Costa Rica.

# Xueting Jiang, Ph.D.

*Assistant Professor, Management*

Xu S., Jiang X., Li J., & Tong X. (2018, August). *Conscientiousness and employee creativity. How does conscientiousness relate to employee creativity? A study on Chinese technical workers*. Paper presented at the 78th Annual Meeting of the Academy of Management, Chicago, Ill. [www.aom.org](http://www.aom.org)

# Colleen P. Kirk, DPS.

*Assistant Professor, Marketing*

Kirk C.P. (2018, April). *Back Off, That's Mine! Consumers behaving territorially*. Invited presentation at the 17th Annual Faculty Scholars Reception, NYIT-Old Westbury, N.Y.

Kirk C.P. (2018, April). *Shopper psychological ownership and territoriality*. Radio Presentation for *The Academic Minute*. Retrieved from <https://academicminute.org/2018/04/colleen-kirk-new-york-institute-of-technology-shopper-psychological-ownership-and-territoriality/>

Rifkin L., & Kirk C.P. (2018, May). *The impact of benevolence and betrayal on psychological ownership*. Paper presented at the Academy of Marketing Science Annual Conference, New Orleans, La. In *Proceedings of the Annual Conference of the Academy of Marketing Science*. Accessed from <https://www.ams-web.org/page/ConferenceProceeding>

Rifkin L., & Kirk C.P. (2018, May). *What is the role of the relationship in CRM? Exploring the gaps between intended and actual behavior*. Paper presented at the Academy of

Marketing Science Annual Conference, New Orleans, La. In *Proceedings of the Annual Conference of the Academy of Marketing Science*. Accessed from <https://www.ams-web.org/page/ConferenceProceeding>

Kirk C.P. (2018, June). *I wouldn't complain if I were you: When a mere social media engagement opportunity decreases charitable giving*. Paper presented at the Society for Consumer Satisfaction, Dissatisfaction and Complaining Behavior Conference, NYIT-Old Westbury, N.Y. In *Proceedings of the Bi-Annual Conference of the Society for Consumer Satisfaction, Dissatisfaction and Complaining Behavior*, 7–11. Retrieved from <http://jcsdcb.com/index.php/JCSDCB>.

Kirk C.P., & Kirk S.R. (2018, June). *Loved but never satisfied: Cognitive and affective influences on consumers' economic valuation of their pets*. Paper presented at the Society for Consumer Satisfaction, Dissatisfaction and Complaining Behavior Conference, NYIT-Long Island, Old Westbury, N.Y. In *Proceedings of the Bi-Annual Conference of the Society for Consumer Satisfaction, Dissatisfaction and Complaining Behavior*, 2–5. Retrieved from <http://jcsdcb.com/index.php/JCSDCB>.

Rifkin L., Kirk C.P., Corus C., & McCartney J. (2018, October). *The emotional impact of online reviews in the sharing economy*. Paper presented at the Society for Marketing Advances Annual Conference, West Palm Beach, Fla. In *Proceedings of the Annual Conference of the Society for Marketing Advances*. Accessed from <https://www.marketingadvances.org/Login.aspx>

McCartney J., Berger K., & Kirk C.P. (2018, October). *The persuasive role of restaurant reviewer credibility cues in social media*. Paper presented at the Society for Marketing Advances Annual Conference, West Palm Beach, Fla. In *Proceedings of the Annual Conference of the Society for Marketing Advances*. Accessed from <https://www.marketingadvances.org/Login.aspx>

Kirk C.P., Peck J., Luangrath A., & Shu S. (2018, December). *Caring for the commons: When and why psychological ownership enhances consumer stewardship of public goods*. Invited presentation at the School of Management Faculty Research Forum, NYIT-Long Island, Old Westbury, N.Y.

Kirk C.P., Peck J., Hart C., & Sedikides C. (2018, October). *It's meant for me: When serendipity increases word-of-mouth*. Poster presented at the Association for Consumer Research Conference, Dallas, Texas. In Gershoff A., Kozinets R., White T. (Eds.). *NA — Advances in Consumer Research*. Duluth, Minn: Association for Consumer Research.

Kirk C.P., & Kirk S.R. (2018, October). *You think I'm yours but, trust me, I'm not: How consumers value dogs and cats*. Poster presented at the Association for Consumer Research Conference, Dallas, Texas. In Gershoff A., Kozinets R., White T. (Eds.). *NA — Advances in Consumer Research*. Duluth, Minn: Association for Consumer Research.

## John LaPerla, M.B.A.

### *Adjunct Instructor, Management*

Bienstock J.E., Seaman C., & LaPerla J. (2018). *Integrating international students into the U.S. university classroom: Strategic planning*. Paper presented at the International Academy of Business and Economics (IABE-2018) Munich Conference, Munich, Germany. *International Journal of Business Research*, 18(2), 15–26. Doi: 10.18374/IJBR-18-2.2.

Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018, October). *Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach*. Paper presented at the International Academy of Business and Economics (IABE-2018) New York Conference, New York City. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi: 10.18374/JIMS-18-3.1.

# Purushottam L. Meena, Ph.D.

*Associate Professor, Operations Management*

Jena S.K., & Meena P.L. (2018, May). *Price and service competition in a tourism supply chain*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Kumar G., DiFrancisco R., & Meena P.L. (2018, May). *Exploring the role of dynamic capabilities in the sustainable supply chain*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Kumar G., Meena P.L., & Francisco R.M. (2018, December). *Compulsive marriage of collaboration and dynamic capabilities for sustaining supply chain sustainability*. Paper presented at the XXII Annual International Conference of the Society of Operations Management (SOM 2018), Kozhikode, India. <https://iimk.ac.in/research/som2018/>

Kumar G., Meena P.L., & Poczter A. (2018, November). *Collaboration between supply chain partners: Does it matter? Evidence from a new taxonomy*. Paper presented at the 49th Annual Conference of the Decision Sciences Institute, Chicago, Ill.

Meena P.L., DiFrancisco R., & Tibrewala R. (2018, May). *Risk sharing and buyback contacts under supply and demand disruption risks*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Meena P.L., Fernandez K., & Muthuraj B. (2018, March). *Improving sustainability and occupancy rate for Courtyard by Marriott. Corporate Challenge Case Study*. Presentation at the School of Management, NYIT-Long Island, Old Westbury, N.Y.

Meena P.L. & Huchzermeier A. (2018, December). *Real options and approximate dynamic programming for sourcing strategies under supply disruptions*. Paper presented at the XXII Annual International Conference of the Society of Operations Management (SOM 2018), Kozhikode, India. <https://iimk.ac.in/research/som2018/>

Meena P.L., Katiyar R., Tibrewala R., & Kumar G. (2018, May). *Development of a PLS and AHP based sustainable supply chain performance index model*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Meena P.L., & Sheikh S. (2018, May). *Supplier portfolio considering disruption risks and carbon emission*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Meena P.L., Katiyar R., & Kumar G. (2018, May). *Supplier selection from sustainable supply chain performance perspective*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Sheikh S., & Meena P.L. (2018, May). *Big data driven energy management in solar powered smart homes*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>



## Birasnav Muthuraj, Ph.D.

*Assistant Professor, Quantitative Methods*

Meena P.L., Fernandez K., & Muthuraj B. (2018, March). *Improving sustainability and occupancy rate for Courtyard by Marriott. Corporate Challenge Case Study*. Presentation at the School of Management, NYIT-Long Island, Old Westbury, N.Y.

Muthuraj B., & Bienstock J. (2018, December). *Improving benefits of the buyer-supplier relationship: Examination of social capital theory*. Paper presented at the 12th Annual Indian Subcontinent Decision Sciences Institute (ISDSI) Conference, SP Jain Institute of Management and Research (SPJIMR), Mumbai, India.

Muthuraj B., & Bienstock J. (2018, November). *Linking theories of supply chain integration and strategic leadership: An empirical study*. Paper presented at the Decision Sciences Institute (DSI) Annual Meeting, Chicago, Ill.

Ramsingh R., Birasnav M., & Mayilswamy S. (2018, August). *Antecedents and outcomes of lean manufacturing: A literature review*. Presentation at the 18th Annual Conference of Global Institute of Flexible Systems Management (GLOGIFT 18), Indian Institute of Management Lucknow, Lucknow, India.

Ramsingh R., Mayilswamy S., & Birasnav M. (2018, December). *Integrating theories of social capital and lean manufacturing: A literature review*. Presentation at the 12th Annual Indian Subcontinent Decision Sciences Institute (ISDSI) Conference, SP Jain Institute of Management, Mumbai, India.

## Eleanor A. Schwartz, M.B.A.

*Adjunct Instructor, Marketing, Management, Interdisciplinary Studies*

Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018, October). *Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach*. Paper presented at the International Academy of Business and Economics (IABE-2018) New York Conference, New York City. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi: 10.18374/JIMS-18-3.1.

## Cristina Seaman, D.M.

*Adjunct Associate Professor, Management*

Bienstock J.E., Seaman C., & LaPerla J. (2018). *Integrating international students into the U.S. university classroom: Strategic planning*. Paper presented at the International Academy of Business and Economics (IABE-2018) Munich Conference, Munich, Germany. *International Journal of Business Research*, 18(2), 15–26. Doi: 10.18374/IJBR-18-2.2.

Seaman C. (2018, June). *The impact of consumer purchasing power fluctuations on decision making as it relates to low involvement consumer satisfaction*. Paper presented at the Consumer Satisfaction, Dissatisfaction, and Complaining Behavior Conference, NYIT-Long Island, Old Westbury, N.Y.

Seaman C. (2018, December). *Sustaining self-motivation as an educational leader in the 21st century: A rise to success*. Paper presented at the International Academy of Business and Economics (IABE) Conference, Las Vegas, Nev. *European Journal of Management*, 18(2), 51–68. Doi: 10.18374/EJM-18-2.5.

Seaman C., LaPerla J.T., & Bienstock J.E. (2018, June). *Integrating international students into the U.S. University classroom: Strategic planning*. Paper presented at the International Academy of Business and Economics (IABE) Munich Conference, Munich, Germany.



Seaman C., LaPerla J.T., Schwartz E., & Bienstock J.E. (2018, October). *Common leadership characteristics, personality traits, and behaviors that generations X, Y, and Z leaders find effective for shared leadership: A formal, informal, and rational approach*. Paper presented at the International Academy of Business and Economics (IABE-2018) New York Conference, New York City. *Journal of International Management Studies (JIMS)*, 18(3), 5–20. Doi: 10.18374/JIMS-18-3.1.

## Shaya Sheikh, Ph.D.

*Assistant Professor, Operations Management*

Kayvanfar V., Sheikh S., & Komaki G.M. (2018, December). *An intelligent water drops algorithm to supply-demand hub in industrial cluster considering transportation mode*. Paper presented at the IEEE International Conference on Big Data, Seattle, Wash. In *Proceedings of the 2018 IEEE International Conference on Big Data*, 3135–3143. Doi: 10.1109/BigData.2018.8622271.

Sheikh S., & Meena P.L. (2018, May). *Big data driven energy management in solar powered smart homes*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Teymourian E., Komki M., Keyvanfar V., & Sheikh S. (2018, September). *Scheduling complex products with assembly operations in hybrid flow shop environment*. Paper presented at the Industrial Engineering and Operations Management (IEOM) Conference, Washington D.C.

## Amr A. Swid, Ph.D.

*Assistant Professor, Management*

Swid A., Bienstock J., & Cohn D.Y. (2018, June). *Satisfied employees and company brand image: A social media approach*. Presentation at the 2018 Consumer Satisfaction/Dissatisfaction and Complaining Behavior Conference, NYIT Auditorium on Broadway, New York City.

Bienstock J., Swid A., & Cohn D.Y. (2018, June). *Resolving campus conflict through mediation: The road map to student satisfaction*. Presentation at the 2018 Consumer Satisfaction/Dissatisfaction and Complaining Behavior Conference, NYIT Auditorium on Broadway, New York City.

Bienstock J., Swid A., & Brown A. (2018). *Managing university/student conflict by implementing mandatory arbitration as a condition of enrollment: Preserving institutional cost and reputation*. Paper presented at the International Academy of Business and Economics Conference, New York City. *International Journal of Business Research*, 18(3), 1–10. Doi: 10.18374/IJBR-18-3.1.

Swid A., & Bienstock J. (2018, January). *U.S. campus orientation programs for international students: University and student preferences*. Paper presented at the International Conference on Economics, Management and Social Study (ICEMSS), Cairo, Egypt.

## Rajendra Tibrewala, Eng.Sc.D.

*Professor, Operations Management and Chairperson, Management and Marketing*

Meena P.L., DiFrancisco R., & Tibrewala R. (2018, May). *Risk sharing and buyback contacts under supply and demand disruption risks*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

Meena P.L., Katiyar R., Tibrewala R., & Kumar G. (2018, May). *Development of a PLS and AHP based sustainable supply chain performance index model*. Paper presented at the 29th Production and Operations Management Society Annual Conference, Houston, Texas. <https://pomsmeetings.org/>

## III. Honorees and Awardees

### Joshua E. Bienstock, J.D., L.L.M.

*Assistant Professor, Law*

**Best Paper in Track Award**, Bienstock J. (2018, March). *Campus conflict resolution: The time has come for mandatory mediation*. Paper presented at the 25th Annual American Society of Business and Behavioral Sciences (ASBBS) Conference, Las Vegas, Nev.

### Peter Harris, MBA, CFA, CPA, CMA, CIA, AICPA/CFF, AICPA/CVA, CFE, FCPA, EA, CLU, ChFC

*Professor, Accounting*

**Outstanding Research Award**, Harris P. (2018, January). *Inventory costing: A comprehensive case study*. Paper presented at the Institute of Business and Finance Conference, Hilo, Hawaii.

**Editorial Advisory Board Member**, Accounting and Taxation.

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

**Editorial Advisory Board Member**, Review of Business and Finance Case Studies.

ISSN: 2150-3338 (print), ISSN: 2156-8081 (online); <http://www.theibfr.com/rbfc.htm>

**Editorial Advisory Board Member**, Eurasian Business Review.

ISSN: 1309-4297 (print), ISSN: 2147-4281 (online).

**Editorial Advisory Board Member**, Chinese American Scholars Association (CASA).

ISSN: 1935-4819; <http://www.g-casa.com/journal.htm>

**Reviewer for Refereed Journals**, African Journal of Business Management.

ISSN: 1993-8233. Doi: 10.5897/AJBM.

**Reviewer for Refereed Journals**, Institute of Business and Finance Institute.

ISSN: 1931-0269 (print), ISSN: 2157-0698 (online).

## Colleen P. Kirk, DPS.

*Assistant Professor, Marketing*

**Editorial Review Board Member**, Journal of Advertising Research; ISSN 0021-8499.  
<http://www.journalofadvertisingresearch.com/>

## Purushottam L. Meena, Ph.D.

*Associate Professor, Operations Management*

**Editorial Advisory Board Member**, Higher Education and the Evolution of Management, Applied Sciences, and Engineering Curricula; ISBN13: 9781522572596. Doi: 10.4018/978-1-5225-7259-6

**Editorial Board Member**, International Journal of Supply Chain and Inventory Management. ISSN print: 2054-099X. <https://www.inderscience.com/jhome.php?jcode=ijscim#edboard-content>

**Editorial Board Member**, International Journal of Complexity in Applied Science and Technology. ISSN print: 1740-0546. <https://www.inderscience.com/jhome.php?jcode=ijcast#edboard-content>

**Editorial Board Member**, Latin American Journal of Management for Sustainable Development. ISSN print: 2052-0336. <https://www.inderscience.com/jhome.php?jcode=lajmsd#edboard-content>

**Editorial Board Member**, Asian Journal of Management Science and Applications. ISSN print: 2049-8683. <https://www.inderscience.com/jhome.php?jcode=ajmsa#edboard-content>

**Editorial Board Member**, International Journal of Collaborative Intelligence. ISSN print: 2051-7122. <https://www.inderscience.com/jhome.php?jcode=ijci#edboard-content>

**Editorial Board Member**, EuroMed Journal of Management. ISSN print: 2055-1703. <https://www.inderscience.com/jhome.php?jcode=emjm#edboard-content>

**Editorial Review Board**, International Journal of Applied Management Sciences and Engineering. ISSN: 2327-7483. <https://www.igi-global.com/journal/international-journal-applied-managementsciences/68203>

**Editorial Board Member**, International Journal of Remanufacturing. ISSN print: 1758-7964. <https://www.inderscience.com/jhome.php?jcode=ijrem#edboard-content>

**Editorial Board Member**, International Journal of Automation Logistics. ISSN print: 2049-6745. <https://www.inderscience.com/jhome.php?jcode=ijal#edboard-content>

## IV. Grant Recipients—Externally Sponsored

Deborah Y. Cohn, Ph.D.

*Associate Professor, Marketing*

Millennial Skepticism: Can Purpose-Driven Marketing Backfire? The Center for Positive Marketing and the ANA Educational Foundation. Co-Principal Investigator.

Deborah Y. Cohn, Ph.D.

*Associate Professor, Marketing*

Joshua E. Bienstock, J.D., L.L.M.

*Assistant Professor, Law*

A Cross Country Comparison of Digital Social Media in The Workplace: Israel and the US. Mallah Family Foundation Inc.

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

Rakesh Mittal, Ph.D.

*Assistant Professor, Human Resource Management*

Joshua E. Bienstock, J.D., L.L.M.

*Assistant Professor, Law*

Cross-Cultural Impression Management in Diverse Teams. Mallah Family Foundation Inc.

Birasnav Muthuraj, Ph.D.

*Assistant Professor, Quantitative Methods*

Joshua E. Bienstock, J.D., L.L.M.

*Assistant Professor, Law*

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

Enhancing Environmental Performance in the American Hotel Industry: Role of Supply Chain Management and Total Quality Management. Mallah Family Foundation Inc.

Amr A. Swid, Ph.D.

*Assistant Professor, Management*

Joshua E. Bienstock, J.D., L.L.M.

*Assistant Professor, Law*

International Students' Adjustment to US Universities: A Personality and Cultural Approach. Mallah Family Foundation Inc.

## V. Grant Recipients—Internally Sponsored

Deborah Y. Cohn, Ph.D.

*Associate Professor, Marketing*

Professional Enrichment Program of NYIT School of Management: Mobile App Technology Integration to Enhance Teaching and Learning. Principal Investigator. TLT Grant.

Xueting Jiang, Ph.D.

*Assistant Professor, Management*

Being a Chinese: A Qualitative Study on Overseas Business Expatriates in China. Principal Investigator. ISRC Grant.

Colleen P. Kirk, Ph.D.

*Assistant Professor, Marketing*

My, Mine and Me: Admiration, Rivalry and Psychological Ownership in Narcissistic Consumers. Principal Investigator. ISRC Grant.

Yours, Mine or Ours? Psychological Ownership, Territoriality and Narcissism in Consumer Behavior. Principal Investigator. ISRC Grant.

Purushottam L. Meena, Ph.D.

*Associate Professor, Operations Management*

Big Data Driven Energy Management in Solar Powered Smart Homes. Co-Principal Investigator. ISRC Grant.

Supply Chain Design under Disruptions Risks and Carbon Emissions. Principal Investigator. ISRC Grant.

## Birasnav Muthuraj, Ph.D.

*Assistant Professor, Quantitative Methods*

Professional Enrichment Program of NYIT School of Management:  
Mobile App Technology Integration to Enhance Teaching and Learning.  
Co-Principal Investigator. TLT Grant.

## Shaya Sheikh, Ph.D.

*Assistant Professor, Operations Management*

Big Data Driven Energy Management in Solar Powered Smart Homes.  
Principal Investigator. ISRC Grant.

Supply Chain Design under Disruptions Risks and Carbon Emissions.  
Co-Principal Investigator. ISRC Grant.

## Amr A. Swid, Ph.D., MBA

*Assistant Professor, Management*

Storytelling with Data and Visualization in Education: Semiotics and  
Multicultural Perspective.

Co-Principal Investigator. ISRC Grant.

“I’m always looking  
to the future and  
what next will be  
on the horizon.”

—José Andrés



**NYIT**  
**Administration**

# I. Authors

## Nada M. Anid, Ph.D.

*Vice President, Strategic Communications and External Affairs,  
Interim VP Enrollment Management*

Dong Z., Assaf-Anid N., & Panero M. (2018). Urban infrastructures: Analysis and modeling for their optimal management and operation. *NSF FEW Workshop Synthesis Report*, 1–40. NSF Award # 1762212; <http://bit.ly/2A5s8bs>

Panero M., Ashton W.S., Izquierdo C., Anid N.M., & Hurtado-Martin M. (2018). Linking education to industry: Water and energy sustainability in Latin America. *Journal of Environmental Studies and Sciences*, 8(4), 503–516. Doi: 10.1007/s13412-018-0503-8.

## Amy Bravo, M.A.

*Senior Director, International and Experiential Education*

Martinez J.E., & Bravo A. (2018). Service-learning and STEM creating new possibilities in public schools. In D.E. Lund (Ed.). *The Wiley International Handbook of Service-learning for Social Justice*, chapter 21. Hoboken, N.J.: Wiley-Blackwell.

## Marta A. Panero, Ph.D.

*Executive Director, External Affairs, Strategic Communications and  
External Affairs*

Dong Z., Assaf-Anid N., & Panero M. (2018). Urban infrastructures: Analysis and modeling for their optimal management and operation. *NSF FEW Workshop Synthesis Report*, 1–40. NSF Award # 1762212; <http://bit.ly/2A5s8bs>

Panero M., Ashton W.S., Izquierdo C., Anid N.M., & Hurtado-Martin M. (2018). Linking education to industry: Water and energy sustainability in Latin America. *Journal of Environmental Studies and Sciences*, 8(4), 503–516. Doi: 10.1007/s13412-018-0503-8.

## Lou Reinisch, Ph.D.

*Associate Provost, Academic Affairs*

Reinisch L., & Garrett C.G. (2018, epub December 7). Laryngeal temperature simulations during carbon dioxide laser irradiation delivered by a scanning micromanipulator. *Lasers in Medical Science*, 1–7. Doi: 10.1007/s10103-018-2691-6.

## II. Honorees and Awardees

Marta A. Panero, Ph.D.

*Executive Director, External Affairs, Strategic Communications and External Affairs*

**Advisor**, for students participating in the 7 x 24 Exchange University Challenge hosted by the Metro NY Chapter of the 7 x 24 Exchange Organization. January–April 2018.

**Board Member**, New York City Department of Education’s Continuing Technical Education Division’s Advisory Board.

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

**Lead organizer**, for NYIT’s Internal Business Plan Competition, for students from the Schools of Engineering and Computing Sciences, Management, and Arts and Sciences. January–April 2018.

**Member**, Organizing Committee for the LI Regional Business Plan Competition, co-hosted by NYIT with Stony Brook University, SUNY Farmingdale, and Hofstra University. Farmingdale, N.Y., January–April 2018.

**Lead organizer**, NYIT Eighth Annual Cybersecurity Conference, March–September 2018.

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

## III. Grant Recipients—Externally Sponsored

Nada M. Anid, Ph.D.

*Vice President, Strategic Communications and External Affairs,  
Interim VP Enrollment Management*

Belmont Forum Food-Water-Energy Nexus: Integrated analysis and modeling for the management of sustainable urban Food Water Energy Resources. Project period: 7/1/2018–6/30/2021. National Science Foundation. Award no. 1830718. Co-Principal Investigator.

NYIT Start Up NY Cybersecurity Research, Training and Business Facility. Empire State Development, New York State Consolidated Funding Application; CFA No. 56869, Project No. AA407. Project period: 1/26/2016–1/1/2020.

NYIT Business Incubator. New York State Business Incubator and Innovation Hot Spot Support Program, NYS Consolidated Funding Application No. 68146. Project period: 4/1/2017–3/31/2022.

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

Northrop Grumman Corporation. Corporate Contributions Program. Principal Investigator.

Research and Technology Innovation Bioengineering Laboratory. 2/1/2018–1/31/2019. Empire State Development. New York State Consolidated Funding Application. Principal Investigator.

Urban Infrastructures Workshop: Analysis and Modeling for their Optimal Management and Operation. Project Period: 11/1/2017–10/31/2018, National Science Foundation, Environmental Sustainability; PD 17-7643; Award No. 1762212. Co-Principal Investigator. <http://bit.ly/2A5s8bs>.

## Rosemary Burgos-Mira, M.L.I.S., M.S.

*Director, Public and Technical Services*

Coordinated Collection Development Aid for 2018–2019.  
New York State Education Department/Long Island Library Resources Council.

## Julie Fratrick, M.A.

*Director, Office of Global Engagement*

Innovation Across Borders. Partners of the Americas Foundation. Innovation Fund; Request for Proposals for Competition #16: The Marlene M. Johnson Innovation Challenge for U.S.-Cuba, Caribbean, and Central American Academic Mobility. Project period 9/01/2017–8/31/2018. Co-Principal Investigator.

## Michael Nizich, Ph.D.

*Director, Entrepreneurship and Technology Innovation Center*

Cybersecurity Student Scholarship Application. National Security Agency, Department of Defense (DoD) Cybersecurity Scholarship Program (CySP). Subaward No. H98230-17-1-0377. Grant period 9/1/2017–7/31/2018. Principal Investigator.

Innovation Across Borders. Partners of the Americas Foundation. Innovation Fund; Request for Proposals for Competition #16: The Marlene M. Johnson Innovation Challenge for U.S.-Cuba, Caribbean, and Central American Academic Mobility. Project period 9/01/2017–8/31/2018. Co-Principal Investigator.

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Cybersecurity Student Scholarship Application. National Security Agency, Department of Defense (DoD) Cybersecurity Scholarship Program (CySP). Subaward No. H98230-17-1-0377. Grant period 9/1/2017–7/31/2018. Co-Principal Investigator.

Innovation Across Borders. Partners of the Americas Foundation. Innovation Fund; Request for Proposals for Competition #16: The Marlene M. Johnson Innovation Challenge for U.S.-Cuba, Caribbean, and Central American Academic Mobility. Project period 9/01/2017-8/31/2018. Principal Investigator.

Urban Infrastructures Workshop: Analysis and Modeling for their Optimal Management and Operation. Project Period: 11/1/2017–10/31/2018, National Science Foundation, Environmental Sustainability; PD 17-7643; Award No. 1762212. Co-Principal Investigator. <http://bit.ly/2A5s8bs>.

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

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# Vocational Independence Program



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Alter C. (2018). Positive behavioral interventions and supports (PBIS). In: Volkmar F. (Ed.), *Encyclopedia of Autism Spectrum Disorders*. Springer: New York City. Doi: 10.1007/978-1-4614-6435-8.

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