

NYIT

17th Annual Faculty Scholars Reception

**NYIT de Seversky Mansion
Tuesday, April 10, 2018**

nyit.edu

INAUGURATION
OF THE
NYIT PRESIDENT
HANK FOLEY

The NYIT logo is a stylized number '4' composed of four vertical bars in blue, green, yellow, and red, with a horizontal bar at the top.

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

Co-Conveners

Hank Foley, Ph.D.

President, NYIT

Lou Reinisch, Ph.D.

Interim Provost and Vice President of Academic Affairs

Jerry R. Balentine, D.O., FACEP

Vice President for Medical Affairs and Global Health

Allison Andors, Ph.D.

Assistant Provost and Senior Director, Grants

Editor/Compiler

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

Senior Grants Coordinator

Office of Sponsored Programs and Research

Foreword



Now more than ever, it is crucial for institutes of higher education to serve as beacons of creativity, innovation, and scholarly research that lead to the creation of new knowledge benefitting humanity. These ideals are a cornerstone of NYIT's mission and continue to inspire our faculty and students across all disciplines.

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

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

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

Sincerely,

A handwritten signature in cursive script that reads "Hank Foley".

Hank Foley, Ph.D.
President, NYIT

Foreword



Welcome to this year's Faculty Scholarship Reception.

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

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

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

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

Sincerely,

A handwritten signature in black ink that reads "Lou Reinisch". The signature is written in a cursive style with a large, stylized "L" and "R".

Lou Reinisch

Interim Provost and Vice President of Academic Affairs, NYIT

Foreword



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

A handwritten signature in black ink, which appears to be "Jerry Balentine". The signature is stylized and written in a cursive-like font.

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

Foreword



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

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

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

Allison Andors, Ph.D.

Assistant Provost and Senior Director, Grants

¹ Talk: Leonard Bernstein. https://en.wikiquote.org/wiki/Talk:Leonard_Bernstein; retrieved March 12, 2018.

² “Je n’ai fait celle-ci plus longue que parce que je n’ai pas eu le loisir de la faire plus courte.” [The present letter is a very long one, simply because I had no leisure to make it shorter.] Pascal, Blaise. *Lettres écrites à un provincial*, 1656–7, Lettre XVI [postscript]; December 4, 1656. French quotation from: Derome, Louis. *Oeuvres de Pascal. Lettres écrites à un provincial. (Nouvelle édition)*. Paris: Garnier Frères, 1885–6; p. 198. Bibliothèque nationale de France/BNF Gallica; retrieved March 12, 2018. English translation from: Pascal, Blaise. *The Provincial Letters*, Letter XVI. Transl. Thomas M’Crie. South Australia: U. Adelaide, eBooks@Adelaide; retrieved March 12, 2018.

Table of Contents

Co-Conveners	3
Foreword	4
Foreword	5
Foreword	6
Foreword	7
College of Arts and Sciences	10
I. Authors	11
II. Presenters at Meetings	15
III. Honorees and Awardees	20
IV. Grant Recipients—Externally Sponsored	20
V. Grant Recipients—Internally Sponsored	21
College of Osteopathic Medicine	26
I. Authors	27
II. Presenters at Meetings	38
III. Honorees and Awardees	57
IV. Grant Recipients—Externally Sponsored	63
V. Grant Recipients—Internally Sponsored	65
School of Architecture and Design	68
I. Authors	69
II. Presenters at Meetings	70
III. Designers and Exhibitors	72
IV. Grant Recipients—Externally Sponsored	73
V. Grant Recipients—Internally Sponsored	73
School of Engineering and Computing Sciences	76
I. Authors	77
II. Presenters at Meetings	85
III. Honorees and Awardees	92
IV. Patents	94
V. Grant Recipients—Externally Sponsored	94
VI. Grant Recipients—Internally Sponsored	100
School of Health Professions	104
I. Authors	105
II. Presenters at Meetings	108
III. Honorees and Awardees	111
IV. Grant Recipients—Externally Sponsored	112
V. Grant Recipients—Internally Sponsored	112

School of Interdisciplinary Studies and Education	116
I. Authors	117
II. Presenters at Meetings	119
III. Grant Recipients—Externally Sponsored	121
IV. Grant Recipients—Internally Sponsored	122
School of Management	126
I. Authors	127
II. Presenters at Meetings	130
III. Honorees and Awardees	134
IV. Grant Recipients—Externally Sponsored	136
V. Grant Recipients—Internally Sponsored	137
NYIT Administration	140
I. Presenters at Meetings	141
II. Grant Recipients—Externally Sponsored	141
III. Grant Recipients—Internally Sponsored	141
Vocational Independence Program	144
I. Grant Recipients—Externally Sponsored	145
Addendum	146
I. Authors	147
II. Presenters at Meetings	147
Index	150

College of Arts and Sciences

I. Authors

Susana H. Case, Ph.D.

Professor and Manhattan Program Coordinator, BES

Case S.H. (2017). *Drugstore Blue*. Newburg, N.Y.: Five Oaks Press.

Claude E. Gagna, Ph.D.

Associate Professor, Life Sciences

Gagna C.E. (2017). *A complete student guide to the comparative anatomy laboratory: Traditional, interdisciplinary and problem-based learning approaches*. 3rd ed. Acton, Mass: XanEdu Publishing Inc.

Gagna C.E. (2017). *A complete student guide to the human anatomy laboratory: Traditional, interdisciplinary and problem-based learning approaches*. 2nd ed. Acton, Mass.: XanEdu Publishing Inc.

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Sharma D., Handler M.Z., Shah R., Weiss A., Lambert M.W., Gagna C.E. Lambert W.C. (2017). Management of cutaneous cancers in patients undergoing organ transplantation—Part 1: Current status: Reactive approach. *SkinMed*, 15(5), 329–331.

Lambert W.C., Lambert M., Ring C., Gagna C., Schwartz R. (2017). How Viagra may cause melanoma: A histopathologic study providing a potential physiological/etiopathological mechanism. *Journal of the American Academy of Dermatology*, 76(6): Supplement 1, AB158. doi: 10.1016/j.jaad.2017.04.615.

Gagna C.E., Lambert W.C., Lambert P., Rabbani M., Pillay A., Mughal U. (2017). Canonical, alternative and multistranded DNA, and cell death. *Molecular Biology of the Cell*, 28 (26), 3727 (B390).

Michael Gamble, Ph.D.

Professor, English

Gamble T.K., Gamble M. (2017). *Nonverbal messages tell more: A practical guide to nonverbal communication*. New York City: Routledge.

Bryan Gibb, Ph.D.

Assistant Professor, Life Sciences

Ma C.J., Gibb B., Kwon Y., Sung P., Greene E.C. (2017). Protein dynamics of human RPA and RAD51 on ssDNA during assembly and disassembly of the RAD51 filament. *Nucleic Acids Research*, 45(2), 749–761. doi: 10.1093/nar/gkw1125.

Amanda Golden, Ph.D.

Assistant Professor, English

Golden A. (2017). Textbook Greek: Thoby Stephen in Jacob's Room. *Woolf Studies Annual*, 23, 83–108.

Golden A. (2017). The past and future of Joycean copyright. In Goldman J. (Ed.), *Joyce and the Law*, 262–275. Gainesville, Fla.: University Press of Florida.

Golden A. (2017). This is an archive: Agha Shahid Ali's postcards from Kashmir. In Kazim A. (Ed.), *Mad Heart Be Brave: On the Poetry of Agha Shahid Ali*, 33–44. Ann Arbor, Mich., University of Michigan Press.

Jonathan Goldman, Ph.D.

Associate Professor, English

Goldman J. (Ed.). (2017). *Joyce and the Law*. Gainesville, Fla.: University Press of Florida.

Goldman J. (2017). "I'm Gonna Be Somebody," 1930: Gangsters and Modernist Celebrity. In Ortolano S. (Ed.), *Popular Modernism and Its Legacies*, 79–94. New York: Bloomsbury Academic. Retrieved from <https://www.bloomsbury.com/uk/popular-modernism-and-its-legacies-9781501325120/>

Michael Hadjiargyrou, Ph.D.

Professor, Life Sciences

Robison L.S., Ananth M., Hadjiargyrou M., Komatsu D.E., Thanos P.K. (2017). Chronic oral methylphenidate treatment reversibly increases striatal dopamine transporter and dopamine type 1 receptor binding in rats. *Journal of Neural Transmission*, 124, 655–667. doi: 10.1007/s00702-017-1680-4.

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Wu T., Cai Y., Zhao X., Ngai C.K., Chu B., Hsiao B., Hadjiargyrou M., Grubbs R.B. (2018, epub December 26, 2017). Synthesis and characterization of poly(ethylene oxide)/polylactide/polylysine tri-arm star copolymers for gene delivery. *Journal of Polymer Science*, 56, 635–644.

John Hanc, M.A.

Associate Professor, Communication Arts

Hanc J. (2017, November 6). Want to help? Do your research before you donate. *Nytimes.com*. Retrieved from www.nytimes.com/2017/11/06/business/charity-disaster-relief.html

- Hanc J. (2017, October 23). ‘Scenes of solitude’ from Hudson River school artists. *Nytimes.com*. Retrieved from <https://www.nytimes.com/2017/10/23/arts/thomas-cole-hudson-river-school-artists.html>
- Hanc J. (2017, June 7). With innovation, colleges fill the skills gap. *Nytimes.com*. Retrieved from <https://www.nytimes.com/2017/06/07/education/with-innovation-colleges-fill-the-skills-gap.html>
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Larry Jaffee, M.A.

Adjunct Professor, Communication Arts

- Jaffee L. (2017, January 3). Grunge revisited: Gavin Rossdale rings in 2017 with Bush gig. *Huffington Post*. Retrieved from http://www.huffingtonpost.co.uk/larry-jaffee/grunge-revisited-gavin-ro_b_13929732.html
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- Jaffee L. (2017, February 15). Always connected comes with risks. *SC Magazine*. Retrieved from <https://www.scmagazine.com/always-connected-comes-with-risks/printarticle/633560/>
- Jaffee L. (2017, April 10). Hail, hail, rock ’n’ roll. *Huffington Post*. Retrieved from http://www.huffingtonpost.co.uk/larry-jaffee/hail-hail-geriatric-rock_b_15867526.html
- Jaffee L. (2017, May 24). Trump cyber policy taking shape. (Cover Story). *SC Magazine*. Retrieved from <https://www.scmagazine.com/trump-cyber-policy-taking-shape/printarticle/650732/>
- Jaffee L. (2017, June 15). James Comey wrote legal paper in 2012 that has uncanny parallels with his crisis today. *The Daily Banter*. Retrieved from <https://thedailybanter.com/2017/06/james-comey-legal-paper-has-uncanny-parallels/>
- Jaffee L. (2017, July 10). A smart approach to data for retailer buyers paired with a package design that delivers a strong brand persona. *BXP Magazine*. Retrieved from <http://www.bxpmagazine.com/article/smart-approach-data-retailer-buyers-paired-package-design-delivers-strong-brand-persona>

Jaffee L. (2017, August 15). Business booms for music festivals in 2017. *Pro Sound News*. Retrieved from <https://www.prosoundnetwork.com/live/business-booms-for-music-festivals-in-2017>

Jaffee L. (2017, November). Record store day summer camp: Larry Jaffee travels to New Orleans to join record shop owners, labels and vinyl fanatics from across the globe. *Long Live Vinyl* (UK Magazine). <http://www.longlivevinyl.net/magazine/>

Kevin LaGrandeur, Ph.D.

Professor, English

LaGrandeur K. (2017, March 13). Surviving the invasion of the job snatchers. *USA Today.com*. Retrieved from <https://www.usatoday.com/story/opinion/2017/03/13/trump-protectionism-no-match-job-loss-to-technology-column/98868406/>

LaGrandeur K. (2017, September 5). AI taking jobs. *Inside Higher Ed*, Academic Minute section. Retrieved from <https://academicminute.org/2017/09/kevin-lagrandeur-new-york-institute-of-technology-a-i-taking-jobs/>

LaGrandeur K., Hughes J.J. (Eds.) (2017). *Surviving the Machine Age: Intelligent Technology and the Transformation of Human Work*. New York: Palgrave Macmillan.

John Misak, D.A.

Assistant Professor, English

Misak J. (2017). How fighting games help enable student/players to imagine and investigate narrative. *The Quint*, 9(4), 65–88. Retrieved from <https://www.ucn.ca/sites/academics/facultyarts/programofferings/arts/humanities/The%20Quint/The%20Quint%20v9.4.pdf>

Misak J. (2017). Video games as narrative: Pedagogical strategies for using games as literature in the composition classroom. *SCRIEA Journal of Education*, 2(1), 18–30. Retrieved from <http://article.scirea.org/pdf/88016.pdf>

Misak J. (2017). In-Fin-Itty. *Parenthesis Journal*, 1(1). Retrieved from <http://www.parenthesesjournal.com/issue01/fin-ity-john-misak/>

Niharika Nath, Ph.D.

Associate Professor and Chairperson, Life Sciences

Bhowmik M.K., Nath N., Datta A., Ghosh A.K. (2017). Shape feature based automatic abnormality detection of cervico-vaginal pap smears. *Journal of Image and Graphics*, 5(2), 52–58. doi: 10.18178/joig.5.2.52–58.

Ana G. Petrovic, Ph.D.

Associate Professor, Life Sciences

Gliemann B.D., Petrovic A.G., Zolnhofer E.M., Dral P.O., Hampel F., Breitenbruch G., Schulze P., Raghavan V., Meyer K., Polavarapu P.L., Berova N., Kivala M. (2017). Configurationally stable chiral dithia-bridged hetero[4]helicene radical cation: Electronic properties and absolute configuration. *Chemistry—An Asian Journal*, 12 (1), 31–35. doi: 10.1002/asia.201601452R1.

Richard Pizer, Ph.D.

Professor, Life Sciences

Pizer R. (2017). Boron acid complexation reactions with polyols and α -hydroxy carboxylic acids: Equilibria, reaction mechanisms, saccharide recognition. *Inorganica Chimica Acta*, 467, 194–197. doi:10.1016/j.ica.2017.08.003.

Navin Pokala, Ph.D.

Assistant Professor, Life Sciences

Wang H., Liu J., Gharib S., Chai C.M., Schwarz E.M., Pokala N., Sternberg P.W. (2017). cGAL, a temperature-robust GAL4-UAS system for *Caenorhabditis elegans*. *Nature Methods*, 14, 145–148. doi: 10.1038/nmeth.4109.

II. Presenters at Meetings

Elizabeth J. Donaldson, Ph.D.

Associate Professor, English

Donaldson E.J. (2017, January). *Comics and schizophrenia*. Paper presented at the Modern Language Association Conference, Pennsylvania Convention Center and Philadelphia Marriot, Philadelphia, Pa. <https://www.mla.org/Convention/Convention-History/Past-Conventions/2017-Convention>

Donaldson E.J. (2017, January). *Fat, blood, and fiction: The novel as neurological laboratory*. Paper presented at the Modern Language Association Conference, Pennsylvania Convention Center and Philadelphia Marriot, Philadelphia, Pa. <https://www.mla.org/Convention/Convention-History/Past-Conventions/2017-Convention>

Donaldson E.J. (2017, March). *Writing madness: Fredric Wertham and the psychiatric utility of literature*. Invited Speaker to the Columbia Seminar on Disability, Culture, and Society, Barnard College, New York City.

Donaldson E.J. (2017, October). *PsychoGraphics: Schizophrenia, comics, collaboration*. Paper presented at the Stories of Illness/Disability in Literature and Comics. Intersections of the Medical, the Personal, and the Cultural International Conference, PathoGraphics Research Team, Freie Universität Berlin, Berlin, Germany. http://www.geisteswissenschaften.fu-berlin.de/friedrichschlegel/assoziierte_projekte/Pathographics/sl_2_EVENTS_ARCHIVE/EVENTS_PDFs/2017_CONFERENCE_program.pdf

Donaldson E.J. (2017, November). *Fredric Wertham and the psychiatric utility of literature*. Presentation at the 31st Annual Meeting of the Society for Literature, Science, and the Arts (SLSA), Arizona State University, Tempe, Ariz.
<http://litsciarts.org/slsa17/>

Claude E. Gagna, Ph.D.

Associate Professor, Life Sciences

Gagna C.E. (2017, February). *Fabrication of canonical, alternative and multi stranded nucleic acid microarrays: Enhancement of drug discovery (right-handed double-stranded B-DNA Microarrays)*. Poster presented at the Arrayit Corporation Annual Review, Sunnyvale, Calif. www.arrayit.com

Gagna C.E. (2017, March). *How Sildenafil (Viagra) may cause melanoma: A histopathologic study providing a potential physiological/etiological mechanism*. Poster presented at the American Academy of Dermatology Annual Meeting, Orlando, Fla. www.aad.org

Gagna C.E., Lambert W.C., Lambert P., Rabbani M., Pillay A., Mughal U. (2017, December). *Canonical, alternative and multi stranded DNA, and cell death*. Poster presented at the American Society for Cell Biology Annual Meeting, Philadelphia, Pa.; *Molecular Biology of the Cell*, 28 (26), 3727 (B390). www.ascb.org

Rabbani M.Y., Gagna C.E., Sawyer S., Raza N., Shah S., Lambert P., Lambert W.C., Desai A. (2017, June). *Demonstration of quadruplex DNA in fixed normal ocular lens tissues: Cell differentiation and cell death studies*. Poster presented at the Association for Research in Vision and Ophthalmology Annual Meeting, Baltimore, Md., *Investigative Ophthalmology & Visual Science*, 58(8), 1715. www.arvo.org

Lambert W.C., Lambert M., Ring C., Gagna C., Schwartz R. (2017, March). *How Viagra may cause melanoma: A histopathologic study providing a potential physiological/etiological mechanism*. Presentation at the American Academy of Dermatology Annual Meeting, Orlando, Fla.; *Journal of the American Academy of Dermatology*, 76(6): AB158. www.aad.org

Bryan Gibb, Ph.D.

Assistant Professor, Life Sciences

Gibb B., Ma C.J., Kwon Y., Sung P., Greene E.C. (2017, July). *Protein dynamics of human RPA and RAD51 on ssDNA during assembly and disassembly of the RAD51 filament*. Poster presented at Genome Engineering: The CRISPR-CAS Revolution. Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y.

Amanda Golden, Ph.D.

Assistant Professor, English

Golden A. (2017, January). *Editing Sylvia Plath's Poetry*. Presentation at Smith College, Northampton, Mass.

- Golden A. (2017, January). *Feminism, pedagogy, and the new modernist studies*. Roundtable participant at the Modern Language Association Convention, Philadelphia, Pa.
- Golden A. (2017, January). *Making the Moors new: Sylvia Plath and Ted Hughes*. Presentation at the Modern Language Association Convention, Philadelphia, Pa.
- Golden A. (2017, April). *Rooms are never finished: The legacy of Agha Shahid Ali*. Presentation at the Poets House, New York City.
- Golden A. (2017, April). *This business of words: Reassessing Anne Sexton*. Scholar roundtable at the New York Public Library, New York City.
- Golden A. (2017, June). *On manuscripts: Virginia Woolf and archives*. Presentation at the Annual Conference on Virginia Woolf, University of Reading, Reading, United Kingdom.
- Golden A. (2017, October). *Unprinted pages: Recovering Edna O'Brien's Sylvia Plath play*. Presentation at the Transnational Print Culture Conference, with Rebekah Geevarghese and Uzma Patel, NYIT undergraduate research assistants, Fordham University, Bronx, N.Y.
- Golden A. (2017, October). Amanda Golden and Nada Anid talk women, technology and art. Video Interview at NYIT-Old Westbury Campus, Old Westbury, N.Y. Retrieved from https://www.nyit.edu/box/features/video_amanda_golden_and_nada_anid_talk_women_technology_and_art
- Golden A. (2017, November). *Different from what it is: Sylvia Plath's collected poems*. Presentation at Sylvia Plath: Letters, words, and fragments conference. University of Ulster, Belfast, Ireland.

Michael Hadjiargyrou, Ph.D.

Professor, Life Sciences

- Uddin S.M.Z., Fricke D., Vijayashanthar A., Lowinger C., Jermyn L., Thanos P.K., Hadjiargyrou M., Komatsu D.E. (2017, March). *Dose-dependent differential response of male and female osteoclasts to methylphenidate*. Poster presented at the Orthopaedic Research Society (ORS) Annual Meeting, San Diego Convention Center, San Diego, Calif. In *Transactions of the 2017 Annual Meeting of the Orthopaedic Research Society*, 42, 1628. <https://www.ors.org/2017annualmeeting/>
- Mitha A., McMahon A., Mashura M., Goldstein T., Liang H., Hadjiargyrou M., Grande D. (2017, March). *Expression of *Mustn1* during MSC chondrogenic differentiation*. Poster presented at the Orthopaedic Research Society (ORS) Annual Meeting, San Diego Convention Center, San Diego, Calif. In *Transactions of the 2017 Annual Meeting of the Orthopaedic Research Society*, 42, 507. <https://www.ors.org/2017annualmeeting/>
- Chernoff E.H., Kallinos E., Komatsu D.E., Hadjiargyrou M. (2017, March). *Spatiotemporal *Mustn1* protein expression during skeletal development and regeneration*. Poster presented at the Orthopaedic Research Society (ORS) Annual Meeting, San Diego Convention Center, San Diego, Calif. In *Transactions of the 2017 Annual Meeting of the Orthopaedic Research Society*, 42, 1235. <https://www.ors.org/2017annualmeeting/>
- Jalloh K., Hamilton J., Hadjiargyrou M., Komatsu D.E., Thanos P.K. (2017, November). *Chronic methylphenidate exposure in adolescent rats promotes reversible decreases in [³H]MK-801 binding*. Poster presented at the 47th Annual Society for Neuroscience (SfN) Meeting, Washington, D.C. In *Proceedings of the Society for Neuroscience*, 47, 464.19. www.sfn.org

Hadjiargyrou M. (2017, June). *Biomaterials in tissue engineering*. Presentation at the Garcia Center, Polymers at Engineered Interfaces, Stony Brook University, Stony Brook, N.Y.

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

John Hanc, M.A.

Associate Professor, Communication Arts

Hanc J. (2017, May). *Teaching writing*. Panel moderator at the 12th International Conference for Literary Journalism Studies (IALJS 2017), University of Kings College, Halifax, Canada. <http://ialjs.org>

Kevin LaGrandeur, Ph.D.

Professor, English

LaGrandeur K. (2017, March 29). *Does This Robot Want Your Job?* Facebook Live interview at NYIT, Old Westbury, N.Y. Video retrieved from <https://www.youtube.com/watch?v=rx-RXgvZaB4>

LaGrandeur K. (2017, April 2). *On Technology and Humanity*. Video interview for Logotel Posthuman Art Installation at Milano Design Week 2017, Milan, Italy. Video retrieved from <https://www.youtube.com/watch?v=sbmFbEw6Wh8>

LaGrandeur K. (2017, April). *The Ethics of Job Automation*. Invited Speaker at ThoughtWorks and Civic Hall Lecture Series, New York City. <https://www.meetup.com/Ethical-Tech/events/238682816/>

LaGrandeur K. (2017, May). *An Overview of Emerging Technology and Employment in the Early Twenty-First Century*. Presentation at the Conference on the Governance of Emerging Technology, Arizona State University Law School, Phoenix, Ariz. <https://conferences.asucollegeoflaw.com/get2017/program/>

LaGrandeur K. (2017, August). *Surviving the Machine Age: Technological Job Loss*. Invited interview with Techemergence.com. Retrieved from <https://www.techemergence.com/surviving-the-machine-age-kevin-lagrandeur/>

LaGrandeur K. (2017, September). *Robocalypse Now? Technology and the Future of Work*. Invited presentation at the Gerald R. Ford School of Public Policy, University of Michigan, Ann Arbor, Mich. <http://fordschool.umich.edu/events/2017/robocalypse-now-technology-and-future-work>

LaGrandeur K. (2017, October). *The Future of Social Impact: How Disruptive Technologies, Virtual Reality, and Artificial Intelligence Can Promote Social Good*. Invited panelist at Net Impact (Humanitarian NGO) Speaker Series, New York City. https://www.eventbrite.com/e/the-future-of-social-impact-how-disruptive-technologies-virtual-reality-and-artificial-intelligence-tickets-38013035011?utm_content=bufferf1ce8&utm_medium=social&utm_source=twitter.com&utm_campaign=buffer#

LaGrandeur K. (2017, November 9–12). *Game-ification of Art in the Posthuman Era*. Presentation at the Society for Literature, Science, and the Arts, Phoenix, Ariz. <http://litsciarts.org/slsa17/submissions/SLSA-2017-Program-11-9>

Patrick Karle, M.F.A.

Assistant Professor, Communication Arts, Nanjing Campus

Karle P. (2017, October). *Influence of Midwestern heroes on Dos Equis' most interesting man in the world advertising campaign*. Presentation at the Midwest Popular Culture Association and Midwest American Culture Association 2017 Conference, Saint Louis, Mo. http://mpcaaca.org/wp-content/uploads/2017/10/MPCA_2017_program_draft_10-12-17.pdf

Gavin P. McStay, Ph.D.

Assistant Professor, Life Sciences

Kaminaris A., Kobayashi S., McStay G., Liang Q. (2017, April). *AMPK negatively regulates mitophagy in the heart*. Poster presented at the Experimental Biology (EB) Annual Meeting, McCormick Place, Chicago, Ill.

John Misak, D.A.

Assistant Professor, English

Misak J. (2017, November). *Using virtual reality to illustrate sense of place for student personal narratives*. Presentation at the Pacific Ancient and Modern Language Association 115th Annual Conference, Honolulu, Hawaii. <https://pamla.org/2017/proposals/using-virtual-reality-illustrate-sense-place-student-personal-narratives>

Misak J. (2017, November). Using video games in the college classroom. *The Academic Minute Podcast, Inside Higher Ed*. Podcast retrieved from <https://academicminute.org/2017/11/john-misak-new-york-institute-of-technology-storytelling-in-video-games/>

Misak J. (2017, July). *Fighting games and the imagination and the investigation of narrative in the college classroom*. Presentation at Page 23 Literary Convention, Denver, Colo.

Niharika Nath, Ph.D.

Associate Professor and Chairperson, Life Sciences

Bhowmik M.K., Roy A., Gogoi U.R., Nath N. (2017, October). *Estimation of architectural distortion in mammograms using fractal features*. Poster presented at the IEEE Nuclear Science Symposium & Medical Imaging Conference, 24th International Symposium on Room-Temperature Semiconductor X-Ray & Gamma-Ray Detectors, Atlanta, Ga., <http://www.nss-mic.org/>

Navin Pokala, Ph.D.

Assistant Professor, Life Sciences

Pokala N. (2017, March). *Quantitative prediction of neural network state behaviors*. Speaker at the Keystone Symposia on Connectomics, Santa Fe, N.M.
<https://www.keystonesymposia.org/17x2>

Pokala N. (2017, August). *Predicting the behavior of arbitrary neural states from experimentally measured pairwise perturbations*. Poster presented at the New York Area Meeting in Quantitative Biology: Making use of Emerging Technologies. Cold Spring Harbor Laboratory, Cold Spring Harbor, N.Y.

III. Honorees and Awardees

Larry Jaffee, M.A.

Adjunct Assistant Professor, Communication Arts

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

Launched “Making Vinyl,” first B2B convention dedicated to the rebirth of the global vinyl manufacturing industry: <http://makingvinyl.com>. **Conference Director/Creative Director**, attracted nearly 300 attendees to first event at Westin Cadillac Hotel, Nov. 6–7, 2017. Established conference franchise; two events being planned for 2018.

Kevin LaGrandeur, Ph.D.

Professor, English

Fellow, Institute for Ethics and Emerging Technology. 2013–2017.

IV. Grant Recipients—Externally Sponsored

Claude E. Gagna, Ph.D.

Associate Professor, Life Sciences

Demonstration of G-4 Quadriplex DNA in Normal Mammalian Tissue Sections: Comparative Analysis Using Different Fixatives. Beta Beta Beta Research Scholarship Foundation Fund.

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.

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

Kevin LaGrandeur, Ph.D.

Professor, English

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

Shenglong Zhang, Ph.D.

Assistant Professor, Life Sciences

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.
Principal Investigator.

V. Grant Recipients—Internally Sponsored

Lissi Athanasiou-Krikelis, Ph.D.

Assistant Professor, English

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

Nicholas Bloom, Ph.D.

Associate Professor, Social Sciences Chairperson,
Interdisciplinary Studies

Building Resilient Communities.
Principal Investigator. ISRC Grant.

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

The Golden Age of American Planning: New York and America in the Rockefeller Years.
Principal Investigator. ISRC Grant.

Matthew Cornelius, MSc.

Art Media Technical Director, Digital Art & Design

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

Andrew Costello, Ph.D.

Assistant Professor, Behavioral Sciences

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

Claude E. Gagna, Ph.D.

Associate Professor, Life Sciences

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

Bryan Gibb, Ph.D.

Assistant Professor, Life Sciences

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

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

Amanda Golden, Ph.D.

Assistant Professor, English

Editing the Archive: Poetry and Technology. Principal Investigator. ISRC Grant.
Sylvia Plath's Manuscripts: Global Implications.
Principal Investigator. ISRC Grant.

College of Arts and Sciences Faculty and Student Summer Research Grant.
New York Institute of Technology, 2017.

College of Arts and Sciences Teaching Grant.
New York Institute of Technology, 2017.

Michael Hadjiargyrou, Ph.D.

Professor, Life Sciences

The Role of miRNAs during Fracture Repair.
Principal Investigator. ISRC Grant.

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

Blair Hoplight II, Ph.D.

Assistant Professor, Behavioral Sciences

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

Ellen Katz, Ph.D.

Associate Professor and Chairperson, Social Sciences

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

Kevin LaGrandeur, Ph.D.

Professor, English

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

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

Gavin P. McStay, Ph.D.

Assistant Professor, Life Sciences

Interrogation of Signal Transduction Pathways Induced by Absence
of the Barth's Syndrome Associated Protein, Tafazzin, in Yeast.
Principal Investigator. ISRC Grant.

Characterization of Cancer Associated Mutations in Caspases.
Principal Investigator. ISRC Grant.

Shalaka Metkar, Ph.D.

Adjunct Assistant Professor, Life Sciences

Nitric Oxide and Hydrogen Sulfide Donating NSAIDs: Epigenetic
Mechanisms in Cancer Prevention and against Neurodegenerative Disorders.
Co-Principal Investigator. ISRC Grant.

Niharika Nath, Ph.D.

Associate Professor and Chairperson, Life Sciences

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

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

Nitric Oxide and Hydrogen Sulfide Donating NSAIDs: Epigenetic
Mechanisms in Cancer Prevention and against Neurodegenerative Disorders.
Principal Investigator. ISRC Grant.

Eleni Nikitopoulos, Ph.D.

Assistant Professor, Life Sciences

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

Ana G. Petrovic, Ph.D.

Associate Professor, Life Sciences

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

Navin Pokala, Ph.D.

Assistant Professor, Life Sciences

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

Development of C.elegans Models of Autism Spectrum Disorders.
Principal Investigator. ISRC Grant.

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

Emily Restivo, Ph.D.

Associate Professor, Behavioral Sciences

The Relationship Between Mental Health and Solitary
Confinement Among Waived Juveniles.
Principal Investigator. ISRC Grant.

Robert Smith, M.F.A.

Associate Professor, Digital Art & Design

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

Dena Winokur, Ph.D.

Associate Professor, Communication Arts

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

Shenglong Zhang, Ph.D.

Assistant Professor, Life Sciences

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

Development of LC/MS-Based Direct RNA Sequencing with
Concomitant Base-Calling and Modification Analysis Capability.
Principal Investigator. ISRC Grant.

College of Osteopathic Medicine

I. Authors

Gerard A. Baltazar, D.O.

Clinical Assistant Professor, Surgery

Baltazar G.A., Bassett P., Pate A.J., Chendrasekhar A. (2017). Older patients have increased risk of poor outcomes after low-velocity pedestrian–motor vehicle collisions. *Pragmatic and Observational Research*, 8, 43–47. doi: 10.2147/POR.S127710.

Onursal E., Baby M., Chaudhri A., Baltazar G.A. (2017). Obstructive mobile small intestinal tumor without radiographic stigmata of bezoar. *International Journal of Surgery Case Reports*, 39, 36–38. doi: 10.1016/j.ijscr.2017.07.014

Smith M., Baltazar G.A., Pate A., Akella K., Chendrasekhar A. (2017). Hyponatremia on initial presentation correlates with suboptimal outcomes after traumatic brain injury. *The American Surgeon*, 83(4), 126–128.

Smith M.R., Shvilkina T., Pavalonis A.G., Amberger M.A., Onursal E.M., Long Z., Vanderet D., Kollipara K., Esposito C, DiRusso S.M., Verrier R., Baltazar G., Davis R.L. (2017). Evaluation of spatiotemporal trends and predictive modeling of non-accidental trauma utilizing geographical information systems. *Trauma*, 1–8. doi: 10.1177/1460408617714824.

Brian L. Beatty, Ph.D.

Associate Professor, Anatomy

Geisler J.H., Boessenecker R.W., Brown M., Beatty B.L. (2017). The origin of filter feeding in whales. *Current Biology*, 27(13), 2036–2042.e2. doi: 10.1016/j.cub.2017.06.003.

Hoehmann C.L., Futterman B., Beatty B.L. (2017). Peripheral arteries may be reliable indicators of coronary vascular disease. *The Anatomical Record*, 300(7), 1230–1239. doi: 10.1002/ar.23584.

William Blazey, D.O.

Associate Professor and Assistant Dean, Preclinical Education

Krishnamachari B., Rehman M., Jason E., Cohn J.E., Chan V., Modi N., Leitner O., Tangney K., O’Connor A., Blazey W., Koehler S., Tegay D. (2017). Video education on hereditary breast and ovarian cancer (HBOC) for physicians: An interventional study. *Journal of Cancer Education*, 1–9. doi: 10.1007/s13187-017-1233-4.

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

Assistant Professor, Biomedical Sciences

Rozentsvit A., Vinokur K., Samuel S., Li Y., Gerdes A.M., Carrillo-Sepulveda M.A. (2017). Ellagic acid reduces high glucose-induced vascular oxidative stress through ERK1/2/NOX4 signaling pathway. *Cellular Physiology and Biochemistry*, 44(3), 1174–1187. doi: 10.1159/000485448.

Samuel S., Zhang K., Tang Y.D., Gerdes A.M., Carrillo-Sepulveda M.A. (2017). Triiodothyronine potentiates vasorelaxation via PKG/VASP signaling in vascular smooth muscle cells. *Cellular Physiology and Biochemistry*, 41(5), 1894–1904. doi: 10.1159/000471938.

Joanne DiFrancisco-Donoghue, Ph.D., RCEP

Assistant Professor, Osteopathic Manipulative Medicine

DiFrancisco-Donoghue J., Jung M.K., Leder A. (2017). Nicotine gum as a therapeutic approach for low blood pressure in Parkinson's disease: A randomized pilot study. *Nicotine and Tobacco Research*, ntx263. doi: 10.1093/ntr/ntx263.

DiFrancisco-Donoghue J., Jung M.K., Apoznanski T., Werner W.G., Yao S.C. (epub 2017). The reliability of the sensory organization test in Parkinson's disease to identify fall risk. *The International Journal of Neurologic Physical Therapy*, 2(5), 39–43. doi: 10.11648/j.ijnpt.20160205.11.

Southard V., Rumba S., Schwartz I., Sparacino N., Weddingfeld K., Donoghue J. (2017). The effects of whole body periodic acceleration on non-motor symptoms in persons with Parkinson's disease: A pilot study. *Journal of Novel Physiotherapy and Physical Rehabilitation*, 4(3), 077–082. doi: 10.17352/2455-5487.000052.

Theodore Flaum, D.O.

Associate Professor, Clinical Sciences

Datta R., Burina L., Romanelli F., Flaum T.B. (2017). Knee pain in adults with an osteopathic component. *Osteopathic Family Physician*, 9(1), 26–35. Retrieved from <https://ofpjournal.com/index.php/ofp/article/view/485/406>

Flaum T., Rusnack F., Mirza A., Apoznanski T., Munarova A., Mazzie J.P., Terzella M.J., Yao S.C. (2017). An observational study of ultrasound to confirm cervical spine segmental rotation. *International Journal of Osteopathic Medicine*, 25, 1–5. doi: 10.1016/j.ijosm.2017.01.001.

Bennett Futterman, M.D.

Associate Professor, Anatomy

Erhardt A., Futterman B. (2017). Variations in the innervation of the long head of the triceps brachii: A cadaveric investigation. *Clinical Orthopedics and Related Research*, 475(1), 247–250. doi: 10.1007/s11999-016-5146-z.

Hoehmann C.L., Futterman B., Beatty B.L. (2017). Peripheral arteries may be reliable indicators of coronary vascular disease. *The Anatomical Record*, 300(7), 1230–1239; doi: 10.1002/ar.23584.

Jonathan H. Geisler, Ph.D.

Associate Professor and Chairperson, Anatomy

Boessenecker R.W., Ahmed E., Geisler J.H. (2017). New records of the dolphin *Albertocetus meffordorum* (Odontoceti: Xenorophidae) from the lower Oligocene of South Carolina: Encephalization, sensory anatomy, postcranial morphology, and ontogeny of early odontocetes. *PLoS One* 12(11), e0186476, 1–34. doi: 10.1371/journal.pone.0186476.

Boessenecker R.W., Fraser D., Churchill M., Geisler J.H. (2017). A toothless dwarf dolphin (Odontoceti: Xenorophidae) points to explosive feeding diversification of modern whales (Neoceti). *Proceedings Royal Society B*, 284, 201770531, 1–8. doi:10.1098/rspb.2017.0531.

Geisler J.H., Boessenecker R.W., Brown M., Beatty B.L. (2017). The origin of filter feeding in whales. *Current Biology*, 27(13), 2036–2042.e2. doi:10.1016/j.cub.2017.06.003.

Lambert O., Bianucci G., Geisler J.H. (2017). A new inioid (Cetacea, Odontoceti, Delphinida) from the Miocene of Peru and the origin of modern dolphin and porpoise families. *Zoological Journal of the Linnean Society*, 179(4), 919–946. doi: 10.1111/zoj.12479.

A. Martin Gerdes, Ph.D.

Professor and Chairperson, Biomedical Sciences

Rajagopalan V., Zhang Y., Pol C., Costello C., Seitter S., Lehto A., Savinova O.V., Chen Y.F., Gerdes A.M. (2017). Modified low-dose Triiodo-L-thyronine therapy safely improves function following myocardial ischemia-reperfusion injury. *Frontiers in Physiology*, 8, 225. doi:10.3389/fphys.2017.00225.

Romanelli F., Corbo A., Salehi M., Yadav M.C., Salman S., Petrosian D., Rashidbaigi O.J., Chait J., Kuruvilla J., Plummer M., Radichev I., Margulies K.B., Gerdes A.M., Pinkerton A.B., Millán J.L., Savinov A.Y., Savinova O.V. (2017). Overexpression of tissue-nonspecific alkaline phosphatase (TNAP) in endothelial cells accelerates coronary artery disease in a mouse model of familial hypercholesterolemia. *PLoS One*, 12(10), e0186426. doi: 10.1371/journal.pone.0186426.

Rozentsvit A., Vinokur K., Samuel S., Li Y., Gerdes A.M., Carrillo-Sepulveda M.A. (2017). Ellagic acid reduces high glucose-induced vascular oxidative stress through ERK1/2/NOX4 signaling pathway. *Cellular Physiology and Biochemistry*, 44(3), 1174–1187. doi: 10.1159/000485448.

Samuel S., Zhang K., Tang Y.D., Gerdes A.M., Carrillo-Sepulveda M.A. (2017). Triiodothyronine potentiates vasorelaxation via PKG/VASP signaling in vascular smooth muscle cells. *Cellular Physiology and Biochemistry*, 41(5), 1894–1904. doi: 10.1159/000471938.

Simone Hoffmann, Ph.D.

Assistant Professor, Anatomy

Krause D.W., Hoffmann S., Werning S. (2017). First postcranial remain of *Multituberculata* (Allotheria) from Gondwana. *Cretaceous Research*, 80, 91–100. doi:10.1016/j.cretres.2017.08.009.

Min-Kyung Jung, Ph.D.

Biostatistician, Research

DiFrancisco-Donoghue J., Jung M.K., Apoznanski T., Werner W.G., Yao S.C. (2017). The reliability of the sensory organization test in Parkinson's disease to identify fall risk. *The International Journal of Neurologic Physical Therapy*, 2(5), 39–43. doi: 10.11648/j.ijnpt.20160205.11.

DiFrancisco-Donoghue J., Jung M-K., Leder A. (2017). Nicotine gum as a therapeutic approach for low blood pressure in Parkinson's disease: A randomized pilot study. *Nicotine and Tobacco Research*, ntx263. doi: 10.1093/ntr/ntx263.

Shapiro L.N., Defoe D., Jung M., Li T.S., Yao S.C. (2017). Effects of clinical exposure to osteopathic manipulative medicine on confidence levels of medical students. *Journal of the American Osteopathic Association*, 117(8), e1–e5. doi: 10.7556/jaoa.2017.105.

Sharon Koehler, D.O.

Assistant Professor, Clinical Specialties

Krishnamachari B., Rehman M., Jason E. Cohn J.E., Chan V., Modi N., Leitner O., Tangney K., O'Connor A., Blazey W., Koehler S., Tegay D. (2017). Video education on hereditary breast and ovarian cancer (HBOC) for physicians: An interventional study. *Journal of Cancer Education*, 1–9. doi: 10.1007/s13187-017-1233-4.

Bhuma Krishnamachari, Ph.D.

Associate Professor, Clinical Specialties;

Assistant Dean, Research

Duroseau N., Abramson T., Pergament K., Chan V., Govindavari J.P., Ciraco C., Tegay D., Krishnamachari B. (2017). Acceptance of technology-based tools in a sample of Parkinson's patients. *Chronic Illness*, 13, 3–13. doi: 10.1177/1742395316653453.

Krishnamachari B., Rehman M., Jason E., Cohn J.E., Chan V., Modi N., Leitner O., Tangney K., O'Connor A., Blazey W., Koehler S., Tegay D. (2017). Video education on hereditary breast and ovarian cancer (HBOC) for physicians: An interventional study. *Journal of Cancer Education*, 1–9.; doi: 10.1007/s13187-017-1233-4.

Yusupov E., Chen D., Krishnamachari B. (2017). Medication use and falls: Applying Beers criteria to medication review in Parkinson's disease. *SAGE Open Medicine*, 5, 1–7. doi: 10.1177/2050312117743673.

Adena Leder, D.O.

Assistant Professor, Clinical Sciences

DiFrancisco-Donoghue J., Jung M-K., Leder A. (2017). Nicotine gum as a therapeutic approach for low blood pressure in Parkinson's disease: A randomized pilot study. *Nicotine and Tobacco Research*, ntx263. doi: 10.1093/ntr/ntx263.

Goldfinger M., Moriarty S.A., Yao S.C., Leder A., Mancini J. (2017). An osteopathic, non pharmacologic approach to parkinson's disease, restless leg syndrome & essential tremor. *Osteopathic Family Physician*, 9 (6), 30–39. Retrieved from <https://ofpjournal.com/index.php/ofp/article/view/525>

Halimi M., Leder A., Mancini J. (2017). Integration of osteopathic manual treatments in management of cervical dystonia with tremor: A case series. *Tremor and Other Hyperkinetic Disorders*, 7. doi: 10.7916/D8NP24XB.

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

Associate Professor, Biomedical Sciences

Cuoco J.A., Hoehmann C.L., Hitscherich K., Zakhary S.M., Leheste J.R., Torres G. (2017). Linking brain arteriovenous malformations with anorectal hemorrhoids: A clinical and anatomical review. *The Anatomical Record*, 300(11), 1973–1980. doi: 10.1002/ar.23643.

Leheste J.R., Ruvolo K.E., Chrostowski J.E., Rivera K., Husko C., Miceli A., Selig M.K., Brüggemann H., Torres G. (2017). P. acnes-driven disease pathology: Current knowledge and future directions. *Frontiers in Cellular and Infection Microbiology*, 7(81), 1–9. doi: 10.3389/fcimb.2017.00081.

To Shan Li, D.O.

Assistant Professor and Vice Chairperson, Osteopathic Manipulative Medicine

Li T.S., Mancini J.D. (2017). Integrative approach to Parkinson's disease. *Alternative and Complimentary Therapies*, 23 (1), 34–37. doi: 10.1089/act.2016.29089.cru.

Shapiro L.N., Defoe D., Jung M., Li T.S., Yao S.C. (2017). Effects of clinical exposure to osteopathic manipulative medicine on confidence levels of medical students. *Journal of the American Osteopathic Association*, 117(8), e1–e5. doi: 10.7556/jaoa.2017.105.

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., Haghighi K., Lam C.K., Gardner G., Adly G., Nicolaou P., Sanoudou D., Liang Q., Rubinstein J., Fan G.C., Kranias E.G. (epub ahead of print, November 2017). Regulation of BECN1-mediated autophagy by HSPB6: Insights from a human HSPB6S10F mutant. *Autophagy*, 1–56. doi: 10.1080/15548627.2017.1392420.

Mohammadi M.M., Kattih B., Grund A., Froese N., Korf-Klingebiel M., Gigina A., Schrameck U., Rudat C., Liang Q., Kispert A., et al. (2017). The transcription factor GATA4 promotes myocardial regeneration in neonatal mice. *EMBO Molecular Medicine*, 9(2), 265–279. doi: 10.15252/emmm.201606602.

Yan J., Thomson J.K., Zhao W., Wu X., Gao X., DeMarco D., Kong W., Tong M., Sun J., Bakhos M., Fast V.G., Liang Q., Prabhu S.D., Ai X. (epub ahead of print, 2017). The stress kinase JNK regulates gap junction Cx43 gene expression and promotes atrial fibrillation in the aged heart. *Journal of Molecular and Cellular Cardiology*, 114, 105–115. doi: 10.1016/j.yjmcc.2017.11.006.

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

Assistant Professor, Osteopathic Manipulative Medicine

Goldfinger M., Moriarty S.A., Yao S.C., Leder A., Mancini J. (2017). An osteopathic, non pharmacologic approach to parkinson's disease, restless leg syndrome & essential tremor. *Osteopathic Family Physician*, 9 (6), 30–39. Retrieved from <https://ofpjournal.com/index.php/ofp/article/view/525>

Halimi M., Leder A., Mancini J. (2017). Integration of osteopathic manual treatments in management of cervical dystonia with tremor: A case series. *Tremor and Other Hyperkinetic Disorders*, 7. doi: 10.7916/D8NP24XB.

Li T.S., Mancini J.D. (2017). Integrative approach to Parkinson's disease. *Alternative and Complimentary Therapies*, 23 (1), 34–37 doi: 10.1089/act.2016.29089.cru.

Joseph Mazzie, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

Flaum T., Rusnack F., Mirza A., Apoznanski T., Munarova A., Mazzie J.P., Terzella M.J., Yao S.C. (2017). An observational study of ultrasound to confirm cervical spine segmental rotation. *International Journal of Osteopathic Medicine*, 25, 1–5. doi: 10.1016/j.ijosm.2017.01.001.

Matthew C. Mihlbachler, Ph.D.

Associate Professor/Director, Academic Medicine
Scholars Program

Mihlbachler M.C., Campbell D., Chen C., Ayoub M., Kaur P. (2017). Microwear-mesowear congruence and mortality bias in rhinocerotid mass death assemblages. *Paleobiology*, 43, 4. doi: 10.1017/pab.2017.13.

Kaie Ojamaa, Ph.D.

Professor, Biomedical Sciences

Mavropoulos S.A., Khan N.S., Levy A.C.J., Faliks B.T., Sison C.P., Pavlov V.A., Zhang Y., Ojamaa K. (2017). Nicotinic acetylcholine receptor-mediated protection of the rat heart exposed to ischemia reperfusion. *Molecular Medicine*, 8, 23. doi: 10.2119/molmed.2017.00091.

Charles Pavia, Ph.D.

Associate Professor, Biomedical Sciences

Pavia C.S., Plummer M.M. (2017). Was it authentic Lyme disease or some other disorder? *Pathogens and Disease*, 75(3), 1–3. doi: 10.1093/femspd/ftx028.

Plummer, M.M., Pavia C.S. (2017). Coccidioidomycosis. In Domino F.J. (Ed.), *The 5-Minute Clinical Consult 2017*, 25th Edition. Philadelphia, Pa.: Wolters Kluwer Health.

Maria Plummer, M.D.

Associate Professor, Clinical Sciences

Lal K., Plummer M., Milko M., Belyayeva M., Jung M., Elston D. (2017). Chronic inflammation and vascular density in sun-exposed skin. *Journal of the American Osteopathic College of Dermatology (JA OCD)*, 37, 1–4.; Retrieved from <http://cymcdn.com/sites/www.aocd.org/resource/resmgr/jaocd/contents/volume37/37-4.pdf>

Pavia C.S., Plummer M.M. (2017). Was it authentic Lyme disease or some other disorder? *Pathogens and Disease*, 75(3), 1–3. doi: 10.1093/femspd/ftx028.

Plummer, M.M., Pavia C.S. (2017). Coccidioidomycosis. In Domino F.J. (Ed.), *The 5-Minute Clinical Consult 2017*, 25th Edition. Philadelphia, Pa.: Wolters Kluwer Health.

Romanelli F., Corbo A., Salehi M., Yadav M.C., Salman S., Petrosian D., Rashidbaigi O.J., Chait J., Kuruvilla J., Plummer M., Radichev I., Margulies K.B., Gerdes A.M., Pinkerton A.B., Millán J.L., Savinov A.Y., Savinova O.V. (2017). Overexpression of tissue-nonspecific alkaline phosphatase (TNAP) in endothelial cells accelerates coronary artery disease in a mouse model of familial hypercholesterolemia. *PLoS One*, 12(10):e0186426. doi: 10.1371/journal.pone.0186426.

Viswanathan Rajagopalan, Ph.D.

Assistant Professor, Basic Sciences, NYITCOM at A-State

Rajagopalan V., Zhang Y., Pol C., Costello C., Seitter S., Lehto A., Savinova O.V., Chen Y.F., Gerdes A.M. (2017). Modified low-dose Triiodo-L-thyronine therapy safely improves function following myocardial ischemia-reperfusion injury. *Frontiers in Physiology*, 8, 225. doi:10.3389/fphys.2017.00225.

Raddy L. Ramos, 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. (epub ahead of print, October 2017). Malformation of the posterior cerebellar vermis is a common neuroanatomical phenotype of genetically engineered mice on the C57BL/6 background. *Cerebellum*. doi: 10.1007/s12311-017-0892-3.

Gilbert M.E., Goodman J.H., Gomez J., Johnstone A.F., Ramos R.L. (2017). Adult hippocampal neurogenesis is impaired by transient and moderate developmental thyroid hormone disruption. *Neurotoxicology*, 59, 9–21. doi: 10.1016/j.neuro.2016.12.009.

Koutsouras G.W., Ramos R.L., Martinez L.R. Role of microglia in fungal infections of the central nervous system. *Virulence*, 8(6), 705–718. doi: 10.1080/21505594.2016.1261789.

Toia A.R., Cuoco J.A., Esposito A.W., Ahsan J., Joshi A., Herron B.J., Torres G., Bolivar V.J., Ramos R.L. Divergence and inheritance of neocortical heterotopia in inbred and genetically-engineered mice. *Neuroscience Letters*, 638, 175–180. doi: 10.1016/j.neulet.2016.12.038.

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

Associate Professor, Department of Family Medicine

Riley B. (2017). A time to heal. Narrateur Reflections on Caring, *Hofstra Northwell School of Medicine Art and Literary Review*, 6, 14–15. Retrieved from https://issuu.com/hofstra/docs/48668_ns_low

Riley B. (2017). Online and simulation based professionalism modules for osteopathic and allopathic physicians. *Journal of General Practice*, 5 (6), 337. doi: 10.4172/2329-9126.1000337.

Riley B., Riley G. (2017). Innovation in graduate medical education—using a competency based medical education curriculum. *International Journal of Osteopathic Medicine*, 23, 36–41. doi: 10.1016/j.ijosm.2016.07.001.

Riley B., Riley G. (2017). Using simulation to assist in treating the patient who is transgender. *Journal of Medical Education and Training*, 1 (4), 19–20.; Retrieved from <http://www.scientificojournals.org/pdf/jmet.1019.pdf>

Olga V. Savinova, Ph.D.

Assistant Professor, Biomedical Sciences

Borja M.S., Hammerson B., Tang C., Savinova O.V., Shearer G.C., Oda M.N. (2017). Apolipoprotein A-I exchange is impaired in metabolic syndrome patients asymptomatic for diabetes and cardiovascular disease. *PLoS One*, 12(8), e0182217. doi: 10.1371/journal.pone.0182217.

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. (epub ahead of print, October 2017). Malformation of the posterior cerebellar vermis is a common neuroanatomical phenotype of

genetically engineered mice on the C57BL/6 background. *Cerebellum*. doi: 10.1007/s12311-017-0892-3.

Rajagopalan V., Zhang Y., Pol C., Costello C., Seitter S., Lehto A., Savinova O.V., Chen Y.F., Gerdes A.M. (2017). Modified low-dose Triiodo-L-thyronine therapy safely improves function following myocardial ischemia-reperfusion injury. *Frontiers in Physiology*, 8, 225. doi:10.3389/fphys.2017.00225.

Romanelli F., Corbo A., Salehi M., Yadav M.C., Salman S., Petrosian D., Rashidbaigi O.J., Chait J., Kuruvilla J., Plummer M., Radichev I., Margulies K.B., Gerdes A.M., Pinkerton A.B., Millán J.L., Savinov A.Y., Savinova O.V. (2017). Overexpression of tissue-nonspecific alkaline phosphatase (TNAP) in endothelial cells accelerates coronary artery disease in a mouse model of familial hypercholesterolemia. *PLoS One*, 12(10):e0186426. doi: 10.1371/journal.pone.0186426.

Nikos Solounias, Ph.D.

Professor, Anatomy

Annabi M., Farraj K., Danowitz M., Solounias N. (2017). Right sided diaphragmatic hernia of Morgagni with associated abnormalities. *Journal of Anatomy and Embryology* 4, 1–5. Retrieved from <http://www.ejanatomyandembryology.edoriumjournals.com/archive/2017-archive/100018A04MA2017-Aannabi/100018A04MA2017-Aannabi.pdf>

Danowitz M., Barry J.C., Solounias N. (2017). The earliest ossicone and post-cranial record of Giraffa. *PLoS ONE*, 12(9), e0185139, 1–14. doi.org/10.1371/journal.pone.0185139.

Farraj K., Annabi M., Danowitz M., Solounias N. (2017). Combining embryology, anatomy, and congenital malformations in teaching reproductive development to medical students. *Perceptions in Reproductive Medicine*, 1(1), PRM 000505, 1–10; Retrieved from <http://crimsonpublishers.com/prm/pdf/PRM.000505.pdf>

Sempbrebon G.M., Solounias N., Tao D. (2017). Dietary reconstruction of *Hezghengia bohlini* (Artiodactyla, Bovidae) from the late Miocene Linxia Basin of China using enamel microwear. *Palaeogeography, Palaeoclimatology, Palaeoecology*. 481, 57–63. doi: 10.1016/j.palaeo.2017.05.023.

Randy Stout, 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. (2017). Potential role for a specialized $\beta 3$ integrin-based structure on osteocyte processes in bone mechanosensation. *Journal of Orthopaedic Research*, 1–11. doi: 10.1002/jor.23792.

Scemes E., Stout R.F., Spray D.C. (2017). Adrenergic receptors on astrocytes modulate gap junctions. In N. Vardjan and R. Zorec (Eds.), *Noradrenergic Signaling and Astroglia*, 127–144. doi: 10.1016/B978-0-12-805088-0.00006-2.

Stout R.F., Spray D.C. (2017, epub August 23). Cysteine residues in the cytoplasmic carboxy terminus of connexins dictate gap junction plaque stability. *Molecular Biology of the Cell*, 28(21), 2757–2764.; doi: 10.1091/mbc.E17-03-0206.

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

Associate Professor and Director, Ehlers-Danlos Syndrome
Treatment Center

Duroseau N., Abramson T., Pergament K., Chan V., Govindavari J.P., Ciraco C., Tegay D., Krishnamachari B. (2017). Acceptance of technology-based tools in a sample of Parkinson's patients. *Chronic Illness*, 13, 3–13. doi: 10.1177/1742395316653453.

Krishnamachari B., Rehman M., Jason E., Cohn J.E., Chan V., Modi N., Leitner O., Tangney K., O'Connor A., Blazey W., Koehler S., Tegay D. (2017). Video education on hereditary breast and ovarian cancer (HBOC) for physicians: An interventional study. *Journal of Cancer Education*, 1–9. doi: 10.1007/s13187-017-1233-4.

Michael Terzella, D.O.

Associate Professor, Osteopathic Manipulative Medicine

Flaum T., Rusnack F., Mirza A., Apoznanski T., Munarova A., Mazzie J.P., Terzella M.J., Yao S.C. (2017). An observational study of ultrasound to confirm cervical spine segmental rotation. *International Journal of Osteopathic Medicine*, 25, 1–5. doi: 10.1016/j.ijosm.2017.01.001.

Mikhail N., Koutsouras G.W., Coombs A., Terzella M.J., Yao S.C. (2017). Osteopathic consideration in the infections of the respiratory tract. *Osteopathic Family Physician*, 9(1), 1–5. Retrieved from https://imis.acofp.org/ACOFPIPIMIS/Acofporg/PDFs/OFP/Interactive/JanFeb_2017.pdf

Nathan E. Thompson, Ph.D.

Assistant Professor, Anatomy

Holowka N.B., O'Neill M.C., Thompson N.E., Demes B. (2017). Chimpanzee and human midfoot motion during bipedal walking and the evolution of the longitudinal arch of the foot. *Journal of Human Evolution*, 104, 23–31. doi: 10.1016/j.jhevol.2016.12.002.

Holowka N.B., O'Neill M.C., Thompson N.E., Demes B. (2017). Chimpanzee ankle and foot joint kinematics: Arboreal versus terrestrial locomotion. *American Journal of Physical Anthropology*, 164(1), 131–147. doi: 10.1002/ajpa.23262.

Thompson N.E., Almécija S. (2017). The evolution of vertebral formulae in Hominoidea. *Journal of Human Evolution*, 110, 18–36. doi: 10.1016/j.jhevol.2017.05.012.

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

Assistant Professor, Biomedical Sciences

Datta R., Wong A., Camarata T., Tamanna F., Ilahi I., Vasilyev A. (2017). Precise cellular ablation approach for modeling acute kidney injury in developing zebrafish. *Journal of Visualized Experiments: JoVE*, 124, e55606. doi: 10.3791/55606.

Sheldon C. Yao, D.O.

Associate Professor and Chairperson, Osteopathic
Manipulative Medicine

DiFrancisco-Donoghue J., Jung M.K., Apoznanski T., Werner W.G., Yao S.C. (epub 2017). The reliability of the sensory organization test in Parkinson's disease to identify fall risk. *The International Journal of Neurologic Physical Therapy*, 2(5), 39–43. doi: 10.11648/j.ijnpt.20160205.11.

Flaum T., Rusnack F., Mirza A., Apoznanski T., Munarova A., Mazzie J.P., Terzella M.J., Yao S.C. (2017). An observational study of ultrasound to confirm cervical spine segmental rotation. *International Journal of Osteopathic Medicine*, 25, 1–5. doi: 10.1016/j.ijosm.2017.01.001.

Goldfinger M., Moriarty S.A., Yao S.C., Leder A., Mancini J. (2017). An osteopathic, non pharmacologic approach to parkinson's disease, restless leg syndrome & essential tremor. *Osteopathic Family Physician*, 9 (6), 30–39. Retrieved from <https://ofpjournal.com/index.php/ofp/article/view/525>

Mikhail N., Koutsouras G.W., Coombs A., Terzella M.J., Yao S.C. (2017). Osteopathic consideration in the infections of the respiratory tract. *Osteopathic Family Physician*, 9(1), 1–5. Retrieved from https://imis.acofp.org/ACOFPIMIS/Acofporg/PDFs/OFP/Interactive/JanFeb_2017.pdf

Shapiro L.N., Defoe D., Jung M., Li T.S., Yao S.C. (2017). Effects of clinical exposure to osteopathic manipulative medicine on confidence levels of medical students. *Journal of the American Osteopathic Association*, 117(8), e1–e5. doi: 10.7556/jaoa.2017.105.

Eleanor Yusupov, D.O.

Assistant Professor, Clinical Specialties

Yusupov E., Chen D., Krishnamachari B. (2017). Medication use and falls: Applying Beers criteria to medication review in Parkinson's disease. *SAGE Open Medicine*, 5, 1–7. doi: 10.1177/2050312117743673.

Dong Zhang, Ph.D.

Associate Professor, Biomedical Sciences

Pan X., Ahmed N., Kong J., Zhang D. (2017). Breaking the end: Target the replication stress response at the ALT telomeres for cancer therapy. *Molecular and Cell Oncology*, 4(6), e1360978. doi: 10.1080/23723556.2017.1360978.

Pan X., Drosopoulos W.C., Sethi L., Madireddy A., Schildkraut C.L., Zhang D. (2017). FANCM, BRCA1, and BLM cooperatively resolve the replication stress at the ALT telomeres. *Proceedings of the National Academy of Sciences of the United States of America (PNAS USA)*, 114, E5940–E5949. doi: 10.1073/pnas.1708065114.

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

Associate Professor, Biomedical Sciences

Delfiner M.S., Siano J., Li Y., Dedkov E.I., Zhang Y. (2017). Reduced epicardial vagal nerve density and impaired vagal control in a rat myocardial infarction-heart failure model. *Cardiovascular Pathology*, 26, 21–29. doi:10.1016/j.carpath.2016.10.003.

Lee B., Zhang Y. (2017). Atrial fibrillation and atrial flutter. In Domino F.J. (Ed.), *The 5-Minute Clinical Consult 2018*, 26th Edition. Philadelphia, Pa.: Wolters Kluwer Health.

Mavropoulos S.A., Khan N.S., Levy A.C.J., Faliks B.T., Sison C.P., Pavlov V.A., Zhang Y., Ojamaa K. (2017). Nicotinic acetylcholine receptor-mediated protection of the rat heart exposed to ischemia reperfusion. *Molecular Medicine*, 8, 23. doi: 10.2119/molmed.2017.00091.

Rajagopalan V., Zhang Y., Pol C., Costello C., Seitter S., Lehto A., Savinova O.V., Chen Y.F., Gerdes A.M. (2017). Modified low-dose Triiodo-L-thyronine therapy safely improves function following myocardial ischemia-reperfusion injury. *Frontiers in Physiology*, 8, 225. doi:10.3389/fphys.2017.00225.

Hallie Zwibel, D.O.

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

Zwibel H. (2017). Financing reform for long-term services and supports. *Journal of the American Osteopathic Association*, 117(7), 413–415. doi:10.7556/jaoa.2017.087.

II. Presenters at Meetings

Jerry Balentine, D.O., FACEP

Vice President for Medical Affairs and Global Health

Balentine J., Blazey W., Krishnamachari B. (2017, April). *Effects of IPAD use on COMLEX outcomes*. Poster presented at the American Association of Colleges of Osteopathic Medicine Conference (AACOM), Baltimore, Md.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, April). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the Joint American Association of Colleges of Osteopathic Medicine (AACOM) & Association of Osteopathic Directors & Medical Educators (AODME) Annual Conference, Baltimore, Md. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, May–June). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the American College of Sports Medicine 64th Annual Meeting, Colorado Convention Center, Denver, Colo. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Balentine J., Blazey W., Jung M., Krishnamachari B. (2017, October). *Meditation, empathy, and stress in osteopathic medical students: An interventional pilot study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e132. doi: 10.7556/jaoa.2016.141.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. 2nd place winner, *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

Gerard A. Baltazar, D.O.

Clinical Assistant Professor, Surgery

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

William Blazey, D.O.

Associate Professor and Assistant Dean, Preclinical Education

Rehman M., Modi N., Chan V., Cohn J., Blazey W., Tegay D., Koehler S., Krishnamachari B. (2017, March). *Physician confidence & effectiveness of video training on hereditary breast & ovarian cancer (HBOC) knowledge*. Poster presented at the Annual Clinical Genetics Meeting (ACMG), Phoenix, Ariz.

Blazey W. (2017, April). *Measurable factors predicting outcomes of licensing examinations*. Lecture at the American Association of Colleges of Osteopathic Medicine Joint Annual Meeting, Baltimore, Md.

Balentine J., Blazey W., Krishnamachari B. (2017, April). *Effects of IPAD use on COMLEX outcomes*. Poster presented at the American Association of Colleges of Osteopathic Medicine Conference (AACOM), Baltimore, Md.

Balentine J., Blazey W., Jung M., Krishnamachari B. (2017, October.). *Meditation, empathy, and stress in osteopathic medical students: An interventional pilot study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e132. doi: 10.7556/jaoa.2016.141.

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

Assistant Professor, Biomedical Sciences

Carrillo-Sepulveda M.A. (2017, April). *Vascular protein lysine acetylation: Potential epigenetic mechanisms mediating diabetic vascular dysfunction and metabolic memory*. Oral presentation at the Experimental Biology (EB) Annual Meeting, McCormick Place Convention Center, Chicago, Ill. <http://experimentalbiology.org>

Carrillo-Sepulveda M.A. (2017, September). *Ox-LDL leads to increases of endothelial lysine acetylation linking metabolic memory to diabetic vascular dysfunction*. Oral presentation at the American Heart Association (AHA), Council on Hypertension American Society of Hypertension (ASH) Joint Scientific Sessions, Hyatt Regency, San Francisco, Calif. <https://www.emedevents.com/c/medical-conferences-2017/american-heart-association-asa-council-on-hypertension-american-society-of-hypertension-ash-joint-scientific-sessions-2017>

Thomas Chan, D.O.

Assistant Professor and Interim Chairperson, Clinical Specialties

Docherty J., Schatz A., Grohman R., Chan T., Yao S., DiFrancisco-Donoghue J. (2017, May). *Effect of pedal pump lymphatic technique in exercise recovery after maximal exercise*. Poster presented at the 32nd Annual Clinical Conference of the American Osteopathic Academy of Sports Medicine, Las Vegas, Nev.

Docherty J.E.B., Schatz A., Grohman R.H., de Vries K.D., Chan T., Yao S.C., DiFrancisco-Donoghue J. (2017, October). *The effect of pedal pump lymphatic technique on exercise recovery after maximal exercise*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e104. doi: 10.7556/jaoa.2016.141.

Goldfinger M.S., Grunseich A., Klusek M., Modi N., Rehman M., Leder A., Mancini J., Tegay D., Chan T., Krishnamachari B. (2017, October). *Common medications as a risk factor for Parkinson's disease: A case control study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e81. doi: 10.7556/jaoa.2016.141.

George Cheriyan, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 3rd place for Best Student Educational Poster Category.

George E., Angelo N., Voleti N., Gaspari M., Cheriyan G., Yao S.C. (2017, October). *Pressure variances in the diagnosis of lumbar somatic dysfunctions*. Poster presented at the 60th Annual American Osteopathic Association (AOA)

and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e116. doi: 10.7556/jaoa.2016.141. Awarded 2nd place.

Moriarty S.A., Lu V., Oommen C., Bellavia L.M., Lee J.M., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., Yao S.C. (2017, October). *Osteopathic manipulative treatment reduces oxidative stress levels and improves relative stiffness and quality of life in Parkinson's disease*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e89. doi: 10.7556/jaoa.2016.141.

Joanne DiFrancisco-Donoghue, Ph.D., RCEP

Assistant Professor, Osteopathic Manipulative Medicine

Moriarty S., de Vries K., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 1st place for Best Student Case Poster Category.

Berg C., Zwibel H., DiFrancisco-Donoghue J. (2017, May). *The long-term prognosis of behavioral changes specifically, Attention Deficit Hyperactivity Disorder (ADHD), in retired National Hockey League (NHL) professional hockey players with multiple conclusions*. Poster presented at the 32nd Annual Clinical Conference of the American Osteopathic Academy of Sports Medicine, Las Vegas, Nev.

Docherty J., Schatz A., Grohman R., Chan T., Yao S., DiFrancisco-Donoghue J. (2017, May). *Effect of pedal pump lymphatic technique in exercise recovery after maximal exercise*. Poster presented at the 32nd Annual Clinical Conference of the American Osteopathic Academy of Sports Medicine, Las Vegas, Nev.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, May–June). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the American College of Sports Medicine 64th Annual Meeting, Colorado Convention Center, Denver, Colo. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Divan M., Baranek C., DeLuca A., Zwibel H., DiFrancisco-Donoghue J. (2017, October). *Assessing energy intake and its effects on body composition in female endurance athletes*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e106. doi: 10.7556/jaoa.2016.141.

Docherty J.E.B., Schatz A.A., Grohman R.H., de Vries K.D., Chan T., Yao S.C., DiFrancisco-Donoghue J. (2017, October). *The effect of pedal pump lymphatic technique on exercise recovery after maximal exercise*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e104. doi: 10.7556/jaoa.2016.141.

Feldman J., Leder A., Yao S., DiFrancisco-Donoghue J. (2017, October). *Energy balance and body composition in individuals with Parkinson's disease*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e78. doi: 10.7556/jaoa.2016.141.

Moriarty S.A., Lu V., Oommen C., Bellavia L.M., Lee J.M., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., Yao S.C. (2017, October). *Osteopathic manipulative treatment reduces oxidative stress levels and improves relative stiffness and quality of life in Parkinson's disease*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e89. doi: 10.7556/jaoa.2016.141.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. 2nd place winner, *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

Tuite S., Hassan S., Pineda J., Aksanov A., Southard V., DiFrancisco-Donoghue J. (2017, October). *The comparison of two popular activity trackers in a Parkinson's disease population*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117 (11), e101. doi: 10.7556/jaoa.2016.141.

A. Martin Gerdes, Ph.D.

Professor and Chairperson, Biomedical Sciences

Rajagopalan V., Schultz E., Zhang Y., Savinova O., Costello C., Yoo J., Domingo A., Gerdes A.M. (2017, July). *High fat diet-induced atherosclerosis-driven myocardial infarction: Role of cardiac long noncoding RNAs in Triiodo-L-Thyronine-mediated protection*. Poster presented at the American Heart Association's Annual Basic Cardiovascular Sciences Conference, Portland, Ore.

Blumberg G.D., Senese R.J., Cascio M.A., Yoo J., Gerdes A.M., Rajagopalan V., Savinova O.V. (2017, December). *High cholesterol/high fat diet unmasks cardiac dysfunction in heterozygous LMNA mutants*. Poster presented at the 89th Annual Scientific Session & the 27th Annual Meeting of the New York State Chapter of the American College of Cardiology, New York City.

Wolfgang Gilliar, D.O.

Professor and Dean, College of Osteopathic Medicine

Ganatra L.B., Belisario C.J., Terzella M.J., Gilliar W.W., Yao S.C. (2017, October). *Osteopathic philosophy student application of osteopathic manipulative medicine (OMM) during third-year rotations*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e114. doi: 10.7556/jaoa.2016.141.

Patricia Happel, D.O.

Assistant Professor, Department of Family Medicine and
Associate Medical Director

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. 2nd place winner, *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

Simone Hoffmann, Ph.D.

Assistant Professor, Anatomy

Hoffmann S., Krause D.W., Hu Y. (2017, January). *First postcranial skeleton of a Gondwanatherian Mammal: Reconstructing posture and locomotion*. Abstract presented at the Society for Integrative and Comparative Biology Annual Meeting, New Orleans, La., *SICB 2017 Annual Meeting Abstracts*, 57, E72. Retrieved from <http://www.sicb.org/meetings/2017/SICB2017Abstracts.pdf>

Yohe L.R., Rosenthal H., Hoffmann S., Dávalos L.M. (2017, January). *Birth-death dynamics reveal how phylogeny and ecology shape the evolution of mammalian vomerolfaction*. Abstract presented at the Society for Integrative and Comparative Biology Annual Meeting, New Orleans, La., *SICB 2017 Annual Meeting Abstracts*, 57, E452. Retrieved from <http://www.sicb.org/meetings/2017/SICB2017Abstracts.pdf>

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

Min-Kyung Jung, Ph.D.

Biostatistician, Research

Angelo M., Silverberg C., Oommen T., Jung M.K., Mancini J., Leder A., Zwibel H., Yao S.C. (2017, March). *The effects of osteopathic manipulative treatment (OMT) on ImpACT scores in student athletes post-concussion*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 3rd place for Best Student Educational Poster Category.

Rubinstein D., Kooyman P., Jung M.K., Yao S.C. (2017, March). *Efficacy of small group peer-to-peer teaching for osteopathic manipulative medicine (OMM) practical examination review*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee

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

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, April). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the Joint American Association of Colleges of Osteopathic Medicine (AACOM) & Association of Osteopathic Directors & Medical Educators (AODME) Annual Conference, Baltimore, Md. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, May–June). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the American College of Sports Medicine 64th Annual Meeting, Colorado Convention Center, Denver, Colo. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Balentine J., Blazey W., Jung M.K., Krishnamachari B. (2017, October.). *Meditation, empathy, and stress in osteopathic medical students: An interventional pilot study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e132. doi: 10.7556/jaoa.2016.141.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. 2nd place winner, *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

Satoru Kobayashi, Ph.D.

Instructor, Biomedical Sciences

Kaminaris A., Kobayashi S., McStay G., Liang Q. (2017, April). *AMPK negatively regulates mitophagy in the heart*. Poster presented at the Experimental Biology (EB) Annual Meeting, McCormick Place, Chicago, Ill.

Kobayashi S., Zhao F., Huang Y., Kaminaris A., Lam E., Kobayashi T., Zhang Y., and Liang Q. (2017, June). *Parkin-mediated mitophagy is essential for maintaining cardiac function in diabetic mice*. Poster presented at the American Diabetes Association (ADA), 77th Scientific Sessions, San Diego Convention Center, San Diego, Calif. Retrieved from <https://ada.scientificposters.com/epsAbstractADA.cfm?id=8>

Li F., Huang Y., Kobayashi S., Liang Q., Voiculescu I. (2017, July). *Cell-substrate impedance sensing (ECIS) for evaluation of drug-induced cardiovascular toxicity using iPSC-derived cardiomyocyte*. Abstract presented at the Stem Cells for Drug Discovery & Toxicity Screening 2017, Wyndham Boston Beacon Hill, Boston, Mass. <https://selectbiosciences.com/conferences/index.aspx?conf=SCDDUS2017>

Tin K., Huang Y., Kobayashi S., Liang Q. (2017, July). *P21-activated kinase 1 is necessary for an efficient autophagy*. Poster presented at the 22nd World Congress on Heart Disease, Hyatt Regency, Vancouver, BC, Canada.

Bantis K., Garcia J.A., Kobayashi S., Liang Q. (2017, October). *Prolonged fasting attenuates mitophagy and impairs cardiac function in mice*. First Place Poster Award, American Osteopathic Association (AOA), Osteopathic Medical

Conference & Exposition (OMED), Pennsylvania Convention Center, Philadelphia, Pa.

Garcia J.A., Aslam U., Bantis K., Kobayashi S., Liang Q. (2017, October). *The effect of fasting on mitochondrial size and mitophagy in cardiomyocytes*. Poster presented at the American Osteopathic Association (AOA), Osteopathic Medical Conference & Exposition (OMED), Pennsylvania Convention Center, Philadelphia, Pa.

Sharon Koehler, D.O.

Assistant Professor, Clinical Specialties

Rehman M., Modi N., Chan V., Cohn J., Blazey W., Tegay D., Koehler S., Krishnamachari B. (2017, March). *Physician confidence & effectiveness of video training on hereditary breast & ovarian cancer (HBOC) knowledge*. Poster presented at the Annual Clinical Genetics Meeting (ACMG), Phoenix, Ariz.

Patricia Kooyman, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

Rubinstein D., Kooyman P., Jung M.K., Yao S.C. (2017, March). *Efficacy of small group peer-to-peer teaching for osteopathic manipulative medicine (OMM) practical examination review*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 2nd place for Best Student Educational Poster Category.

Bhuma Krishnamachari, Ph.D.

Associate Professor, Clinical Specialties;

Assistant Dean, Research

Rehman M., Modi N., Chan V., Cohn J., Blazey W., Tegay D., Koehler S., Krishnamachari B. (2017, March). *Physician confidence & effectiveness of video training on hereditary breast & ovarian cancer (HBOC) knowledge*. Poster presented at the Annual Clinical Genetics Meeting (ACMG), Phoenix, Ariz.

Balentine J., Blazey W., Krishnamachari B. (2017, April). *Effects of IPAD use on COMLEX outcomes*. Poster presented at the American Association of Colleges of Osteopathic Medicine Conference (AACOM), Baltimore, Md.

Balentine J., Blazey W., Jung M.K., Krishnamachari B. (2017, October). *Meditation, empathy, and stress in osteopathic medical students: An interventional pilot study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e132. doi: 10.7556/jaoa.2016.141.

Goldfinger M.S., Grunseich A., Klusek M., Modi N., Rehman M., Leder A., Mancini J., Tegay D., Chan T., Krishnamachari B. (2017, October). *Common medications as a risk factor for Parkinson's disease: A case control study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e81. doi: 10.7556/jaoa.2016.141.

Isaac Kurtzer, Ph.D.

Assistant Professor, Biomedical Sciences

Kurtzer I., Irving D., Campos S., Granat L. (2017, July). *The long-latency reflex exhibits separate re-weighting of shoulder and elbow inputs with changes in limb configuration*. Poster presented at the Progress in Motor Control (PMC) Conference, Miami, Fla. <http://www.themiamiproject.org/event/progress-in-motor-control-xi/>

Cheema P., Muraoka T., Kurtzer I. (2017, October). *Feedback control during reaching involves reflex modulation to perturbations in all directions*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e63. doi: 10.7556/jaoa.2016.141.

Gallagher R., Perez S., DeLuca D., Khoury J., Amir R., Kurtzer I. (2017, November). *Reaching from a crouched posture involves an anticipatory weight shift between the hands*. Poster presented at the American Society of Neurorehabilitation Annual Meeting, Baltimore, Md. <https://www.asnr.com/files/2017%20Annual%20Meeting/asnr%202017%20programFINAL.pdf>

Adena Leder, D.O.

Assistant Professor, Clinical Sciences

Angelo M., Leder A., Zwibel H., Yao S.C. (2017, March). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) competition, Colorado Springs, Colo.

Angelo M., Silverberg C., Oommen T., Jung M.K., Mancini J., Leder A., Zwibel H., Yao S.C. (2017, March). *The effects of osteopathic manipulative treatment (OMT) on ImpACT scores in student athletes post-concussion*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Moriarty S., de Vries K., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 1st place for Best Student Case Poster Category.

Angelo M., Leder A., Zwibel H., Yao S.C. (2017, April). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the New York State Osteopathic Medical Society Regional Osteopathic Convention, Hauppauge, N.Y. Awarded 2nd place in Student Experimental Research Poster.

Angelo M., Lu V., Leder A., Yao S.C. (2017, May). *Pupil size as an indicator of concussion severity*. Poster presented at the 32nd Annual Clinical Conference of the American Osteopathic Academy of Sports Medicine, Las Vegas, Nev.

Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical

Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117 (11), e102. doi: 10.7556/jaoa.2016.141. Awarded 1st place, Osteopathic Research Poster (sponsored by FORCE).

Feldman J., Leder A., Yao S., DiFrancisco-Donoghue J. (2017, October). *Energy balance and body composition in individuals with Parkinson's disease*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e78. doi: 10.7556/jaoa.2016.141.

Goldfinger M.S., Grunseich A., Klusek M., Modi N., Rehman M., Leder A., Mancini J., Tegay D., Chan T., Krishnamachari B. (2017, October). *Common medications as a risk factor for Parkinson's disease: A case control study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e81. doi: 10.7556/jaoa.2016.141.

Moriarty S.A., Lu V., Oommen C., Bellavia L.M., Lee J.M., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., Yao S.C. (2017, October). *Osteopathic manipulative treatment reduces oxidative stress levels and improves relative stiffness and quality of life in Parkinson's disease*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e89. doi: 10.7556/jaoa.2016.141.

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

Associate Professor, Biomedical Sciences

Leheste J.R. (2017, April). *Acne bacteria in disease pathology*. Invited presentation at the Embracing Change, Regional Osteopathic Convention (ROC-NY), Hyatt Regency Long Island, Hauppauge, N.Y.

Moriarty S.A., Lu V., Oommen C., Bellavia L.M., Lee J.M., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., Yao S.C. (2017, October). *Osteopathic manipulative treatment reduces oxidative stress levels and improves relative stiffness and quality of life in Parkinson's disease*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e89. doi: 10.7556/jaoa.2016.141.

Bellavia L.M., Lee J.M., Carney B.J., Mourad M.A., Leheste J.R. (2017, November). *Acne bacterial brain infection recapitulates cellular Parkinson's pathogenesis*. Poster presented at the Osteopathic Medical Conference & Exposition (OMED), Washington, D.C.

Leheste J.R. (2017, November). *Health Policy Briefing: Projected Effects of the 21st Century Cures Act on the Food and Drug Administration and Clinical Trials in America*. Invited presentation at the American Osteopathic College of Occupational & Preventive Medicine (AOCOPM), Osteopathic Medical Conference & Exposition (OMED), Washington, D.C.

Leheste J.R., Carney B.J., Lee J.M., Bellavia L.M., Mourad M.A. (2017, November). *Health Policy Topic Presentation: Impact of the 21st Century Cures Act on Clinical Trials and Drug Safety in America*. Poster presented at the Osteopathic Medical Conference & Exposition (OMED), Washington, D.C.

Leheste J.R., Lee J.M., Bellavia L.M., Carney B.J., Mourad M.A. (2017, November). *Health policy topic presentation: Are we ready for medical marijuana?* Poster presented at the Osteopathic Medical Conference & Exposition (OMED), Washington, D.C.

Leheste J.R., Mikhail N., Moondra P., Ruvolo K.E., Torres G. (2017, November). *Acne bacteria in Parkinson's: Exploring cause, effect, and dynamics.* Poster presented at the Society for Neuroscience (SFN) Conference, Walter E. Washington Convention Center, Washington, D.C.

Mourad M.A., Hassan G., Leheste J.R. (2017, November). *Health policy topic presentation: The future of women's health care.* Poster presented at the Osteopathic Medical Conference & Exposition (OMED), Washington, D.C.

To Shan Li, D.O.

Assistant Professor and Vice Chairperson, Osteopathic Manipulative Medicine

Kulkarni S.S., Li T.S., Yao S.C. (2017, March). *Efficacy of osteopathic manipulative treatment in reducing chest pain post coronary artery bypass graft: A case study.* Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

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

Associate Professor, Biomedical Sciences

Kaminaris A., Kobayashi S., McStay G., Liang Q. (2017, April). *AMPK negatively regulates mitophagy in the heart.* Poster presented at the Experimental Biology (EB) Annual Meeting, McCormick Place Convention Center, Chicago, Ill.

Chang M., Liang Q. (2017, April). *Medical case study: Diagnosing celiac disease in patients with Diabetes Mellitus Type I.* Poster presented at the 14th Annual Symposium on University Research and Creative Expression (SOURCE), NYIT Auditorium on Broadway, New York City.

Liang Q. (2017, June). *Cardiac autophagy and mitophagy during fasting.* Invited Speaker at the Chinese American Diabetes Association, 77th Scientific Sessions, 8th Scientific Symposium, Convention Center, San Diego, Calif.

Kobayashi S., Zhao F., Huang Y., Kaminaris A., Lam E., Kobayashi T., Zhang Y., and Liang Q. (2017, June). *Parkin-mediated mitophagy is essential for maintaining cardiac function in diabetic mice.* Poster presented at the American Diabetes Association (ADA), 77th Scientific Sessions, Convention Center, San Diego, Calif. Retrieved from <https://ada.scientificposters.com/epsAbstractADA.cfm?id=8>

Li F., Huang Y., Kobayashi S., Liang Q., Voiculescu I. (2017, July). *Cell-substrate impedance sensing (ECIS) for evaluation of drug-induced cardiovascular toxicity using iPSC-derived cardiomyocyte.* Abstract presented at the Stem Cells for Drug Discovery & Toxicity Screening 2017, Wyndham Boston Beacon Hill, Boston, Mass. <https://selectbiosciences.com/conferences/index.aspx?conf=SCDDUS2017>

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

Tin K., Huang Y., Kobayashi S., and Liang Q. (2017, July). *P21-activated kinase 1 is necessary for an efficient autophagy*. Poster presented at the 22nd World Congress on Heart Disease, Hyatt Regency, Vancouver, BC, Canada.

Garcia J.A., Aslam U., Bantis K., Kobayashi S., Liang Q. (2017, October). *The effect of fasting on mitochondrial size and mitophagy in cardiomyocytes*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e58. doi: 10.7556/jaoa.2016.141

Liang Q. (2017, October). *Mechanisms of diabetic cardiomyopathy*. Invited Speaker at the Xian Jiaotong University School of Medicine, Xian, China.

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

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

Liang Q. (2017, November). *Lysosomal dysfunction and diabetic cardiomyopathy*. Invited Speaker at the 8th Chinese-American Diabetic Complication Forum and the National Continuing Education Program, Ruian People's Hospital and Chinese-American Research Institute of Diabetic Complications, Wenzhou Medical University, Ruian, China.

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

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

Assistant Professor, Osteopathic Manipulative Medicine

Angelo M., Silverberg C., Oommen T., Jung M.K., Mancini J., Leder A., Zwibel H., Yao S.C. (2017, March). *The effects of osteopathic manipulative treatment (OMT) on ImPACT scores in student athletes post-concussion*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Moriarty S., de Vries K., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 1st place for Best Student Case Poster Category.

Ng T., Mancini J., Yao S.C. (2017, March). *Osteopathic manipulative treatment (OMT) to improve vital capacity in a myasthenia gravis exacerbation: A case study*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American*

Osteopathic Association, 117 (11), e102. doi: 10.7556/jaoa.2016.141. Awarded 1st place, Osteopathic Research Poster (sponsored by FORCE).

Goldfinger M.S., Grunseich A., Klusek M., Modi N., Rehman M., Leder A., Mancini J., Tegay D., Chan T., Krishnamachari B. (2017, October). *Common medications as a risk factor for Parkinson's disease: A case control study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e81. doi: 10.7556/jaoa.2016.141.

Moriarty S.A., Lu V., Oommen C., Bellavia L.M., Lee J.M., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., Yao S.C. (2017, October). *Osteopathic manipulative treatment reduces oxidative stress levels and improves relative stiffness and quality of life in Parkinson's disease*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e89. doi: 10.7556/jaoa.2016.141.

Joseph Mazzie, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 3rd place for Best Student Educational Poster Category.

Charles Pavia, Ph.D.

Associate Professor, Biomedical Sciences

Pavia C.S., Plummer M.M., Norman G. (2017, April). *Serologic confirmation of Lyme carditis based on western blot analysis*. Abstract & Poster presented at the 27th European Congress of Clinical Microbiology and Infectious Diseases, Vienna, Austria. Retrieved from https://www.escmid.org/escmid_publications/escmid_elibrary/?q=pavia&id=2173&L=0&x=22&y=18

Maria Plummer, M.D.

Associate Professor, Clinical Sciences

Pavia C.S., Plummer M.M., Norman G. (2017, April). *Serologic confirmation of Lyme carditis based on western blot analysis*. Abstract & Poster presented at the 27th European Congress of Clinical Microbiology and Infectious Diseases, Vienna, Austria. Retrieved from https://www.escmid.org/escmid_publications/escmid_elibrary/?q=pavia&id=2173&L=0&x=22&y=18

Viswanathan Rajagopalan, Ph.D.

Assistant Professor, Basic Sciences, NYITCOM at A-State

Rajagopalan V., Schultz E., Zhang Y., Savinova O., Costello C., Yoo J., Domingo A., Gerdes A.M. (2017, July). *High fat diet-induced atherosclerosis-driven myocardial infarction: Role of cardiac long noncoding RNAs in Triiodo-L-Thyronine-mediated protection*. Poster presented at the American Heart Association's Annual Basic Cardiovascular Sciences Conference, Portland, Ore.

Blumberg G.D., Senese R.J., Cascio M.A., Yoo J., Gerdes A.M., Rajagopalan V., Savinova O.V. (2017, December). *High cholesterol/high fat diet unmasks cardiac dysfunction in heterozygous LMNA mutants*. Poster presented at the 89th Annual Scientific Session & the 27th Annual Meeting of the New York State Chapter of the American College of Cardiology, New York City.

Sonia Rivera-Martinez, D.O., FACOFP

Associate Professor and Associate Medical Director,
Clinical Sciences

Rivera-Martinez S., Bulaevsky I., Nello A., Sheflin K. (2017, April). *Medical students acquire management skills by operating a free clinic*. Presentation at the American Association of Colleges of Osteopathic Medicine (AACOM) Conference, Baltimore, Md. Retrieved from http://www.aacom.org/docs/default-source/2017-AC/t_rivera-martinez_skills-acquired.pdf?sfvrsn=df562d97_2

Sheflin K., Nello A., Bulaevsky I., Rivera-Martinez S. (2017, April). *Early clinical exposure improves medical students performance in rotations*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM) Conference, Baltimore, Md. Retrieved from http://www.aacom.org/docs/default-source/2017-AC/49-early.pdf?sfvrsn=8f4a2d97_4

Olga V. Savinova, Ph.D.

Assistant Professor, Biomedical Sciences

Rajagopalan V., Schultz E., Zhang Y., Savinova O., Costello C., Yoo J., Domingo A., Gerdes A.M. (2017, July). *High fat diet-induced atherosclerosis-driven myocardial infarction: Role of cardiac long noncoding RNAs in Triiodo-L-Thyronine-mediated protection*. Poster presented at the American Heart Association's Annual Basic Cardiovascular Sciences Conference, Portland, Ore.

Blumberg G.D., Senese R.J., Cascio M.A., Yoo J., Gerdes A.M., Rajagopalan V., Savinova O.V. (2017, December). *High cholesterol/high fat diet unmasks cardiac dysfunction in heterozygous LMNA mutants*. Poster presented at the 89th Annual Scientific Session & the 27th Annual Meeting of The New York State Chapter of the American College of Cardiology, New York City.

Karen Sheflin, D.O.

Assistant Professor, Department of Family Medicine and
Director, Émigré Physician Program

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

American Association of Colleges of Osteopathic Medicine (AACOM) Conference, Baltimore, Md. Retrieved from http://www.aacom.org/docs/default-source/2017-AC/t_rivera-martinez_skills-acquired.pdf?sfvrsn=df562d97_2

Sheflin K., Nello A., Bulaevsky I., Rivera-Martinez S. (2017, April). *Early clinical exposure improves medical students performance in rotations*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM) Conference, Baltimore, Md. Retrieved from http://www.aacom.org/docs/default-source/2017-AC/49-early.pdf?sfvrsn=8f4a2d97_4

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

Associate Professor and Director, Ehlers-Danlos Syndrome
Treatment Center

Rehman M., Modi N., Chan V., Cohn J., Blazey W., Tegay D., Koehler S., Krishnamachari B. (2017, March). *Physician confidence & effectiveness of video training on hereditary breast & ovarian cancer (HBOC) knowledge*. Poster presented at the Annual Clinical Genetics Meeting (ACMG), Phoenix, Ariz.

Goldfinger M.S., Grunseich A., Klusek M., Modi N., Rehman M., Leder A., Mancini J., Tegay D., Chan T., Krishnamachari B. (2017, October). *Common medications as a risk factor for Parkinson's disease: A case control study*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e81. doi: 10.7556/jaoa.2016.141.

Michael Terzella, D.O.

Associate Professor, Osteopathic Manipulative Medicine

de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 3rd place for Best Student Educational Poster Category.

Docherty J.E., Terzella M.J., Yao S.C. (2017, March). *The variation of frequency and force between physicians utilizing the thoracic pump and pedal pump techniques*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Ganatra L.B., Belisario C.J., Terzella M.J., Gilliar W.W., Yao S.C. (2017, October). *Osteopathic philosophy student application of osteopathic manipulative medicine (OMM) during third-year rotations*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e114. doi: 10.7556/jaoa.2016.141.

Nathan E. Thompson, Ph.D.

Assistant Professor, Anatomy

Holowka N.B., Bhandal V., Lam O., Thompson N.E., Demes B. (2017, January). *Chimpanzee impact forces during walking and implications for the evolution of bipedalism*. Abstract presented at the Society for Integrative and Comparative Biology Annual Meeting, New Orleans, La. Retrieved from <http://www.sicb.org/meetings/2017/SICB2017Abstracts.pdf>

Thompson N.E., Demes B., Ostrofsky K.R., McFarlin S.C., Robbins M.M., Stoinski T.S., Almécija S. (2017, January). *Biomechanics of knuckle-walking in African apes*. Abstract presented at the Society for Integrative and Comparative Biology Annual Meeting, New Orleans, La. Retrieved from <http://www.sicb.org/meetings/2017/SICB2017Abstracts.pdf>

O'Neill M.C., Ogihara N., Nakatsukasa M., Demes B., Thompson N.E., Umberger B.R. (2017, April). *Pelvis shape, lumbar column length and the origin of the human walking stride*. Abstract presented at the 86th Annual Meeting of the American Association of Physical Anthropologists, 162(S64), 305, New Orleans, La. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/ajpa.23210/epdf>

Thompson N.E., O'Neill M.C., Demes B. (2017, April). *Pelvic height, lumbar entrapment, and their effects on upper body stability during bipedalism*. Abstract presented at the 86th Annual Meeting of the American Association of Physical Anthropologists, 162(S64), 381, New Orleans, La. Retrieved from <http://onlinelibrary.wiley.com/doi/10.1002/ajpa.23210/epdf>

Sheldon C. Yao, D.O.

Associate Professor and Chairperson, Osteopathic
Manipulative Medicine

Angelo M., Leder A., Zwibel H., Yao S.C. (2017, March). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) competition, Colorado Springs, Colo.

Angelo M., Silverberg C., Oommen T., Jung M.K., Mancini J., Leder A., Zwibel H., Yao S.C. (2017, March). *The effects of osteopathic manipulative treatment (OMT) on ImPACT scores in student athletes post-concussion*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Belisario C., Damiris K., Ng T., Ganatra L.B., Yao S.C. (2017, March). *The use of osteopathic manipulative medicine (OMM) during clinical rotations*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 1st place for Best Student Educational Poster Category.

Bilal S., Laird H.B., Yao S.C. (2017, March). *The use of osteopathic manipulative treatment in a pediatric patient with ocular torticollis: A case report*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy

of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 3rd place for Best Student Educational Poster Category.

Docherty J.E., Terzella M.J., Yao S.C. (2017, March). *The variation of frequency and force between physicians utilizing the thoracic pump and pedal pump techniques*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Kramer B., Yao S.C. (2017, March). *Osteopathic treatment of the autonomic nervous system (ANS) to address upper respiratory infection (URI) induced broncholarngitis, and frontomaxillary sinusitis: A case report*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Kulkarni S.S., Li T.S., Yao S.C. (2017, March). *Efficacy of osteopathic manipulative treatment in reducing chest pain post coronary artery bypass graft: A case study*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Moriarty S., de Vries K., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 1st place for Best Student Case Poster Category.

Ng T., Mancini J., Yao S.C. (2017, March). *Osteopathic manipulative treatment (OMT) to improve vital capacity in a myasthenia gravis exacerbation: A case study*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Rubinstein D., Kooyman P., Jung M.K., Yao S.C. (2017, March). *Efficacy of small group peer-to-peer teaching for osteopathic manipulative medicine (OMM) practical examination review*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo. Awarded 2nd place for Best Student Educational Poster Category.

Shahid R., Lanzone A., Yao S.C. (2017, March). *The use of ultrasound technology in quantifying the effect of osteopathic manipulative treatment (OMT) in patellofemoral pain syndrome*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Angelo M., Leder A., Zwibel H., Yao S.C. (2017, April). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the New York State Osteopathic Medical Society Regional Osteopathic Convention, Hauppauge, N.Y. Awarded 2nd place in Student Experimental Research Poster.

Angelo M., Lu V., Leder A., Yao S.C. (2017, May). *Pupil size as an indicator of concussion severity*. Poster presented at the 32nd Annual Clinical Conference of the American Osteopathic Academy of Sports Medicine, Las Vegas, Nev.

Docherty J., Schatz A., Grohman R., Chan T., Yao S., DiFrancisco-Donoghue J. (2017, May). *Effect of pedal pump lymphatic technique in exercise recovery after maximal exercise*. Poster presented at the 32nd Annual Clinical Conference of the American Osteopathic Academy of Sports Medicine, Las Vegas, Nev.

Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing*

the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117 (11), e102. doi: 10.7556/jaoa.2016.141. Awarded 1st place, Osteopathic Research Poster (sponsored by FORCE).

Docherty J.E.B., Schatz A.A., Grohman R.H., de Vries K.D., Chan T., Yao S.C., DiFrancisco-Donoghue J. (2017, October). *The effect of pedal pump lymphatic technique on exercise recovery after maximal exercise.* Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e104. doi: 10.7556/jaoa.2016.141.

Feldman J., Leder A., Yao S., DiFrancisco-Donoghue J. (2017, October). *Energy balance and body composition in individuals with Parkinson's disease.* Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e78. doi: 10.7556/jaoa.2016.141.

Ganatra L.B., Belisario C.J., Terzella M.J., Gilliar W.W., Yao S.C. (2017, October). *Osteopathic philosophy student application of osteopathic manipulative medicine (OMM) during third-year rotations.* Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e114. doi: 10.7556/jaoa.2016.141.

George E., Angelo N., Voleti N., Gaspari M., Cheriyan G., Yao S.C. (2017, October). *Pressure variances in the diagnosis of lumbar somatic dysfunctions.* Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e116. doi: 10.7556/jaoa.2016.141. Awarded 2nd place.

Moriarty S.A., Lu V., Oommen C., Bellavia L.M., Lee J.M., Leder A., Cheriyan G., DiFrancisco-Donoghue J., Mancini J.D., Leheste J.R., Yao S.C. (2017, October). *Osteopathic manipulative treatment reduces oxidative stress levels and improves relative stiffness and quality of life in Parkinson's disease.* Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e89. doi: 10.7556/jaoa.2016.141.

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

Associate Professor, Biomedical Sciences

Kobayashi S., Zhao F., Huang Y., Kaminaris A., Lam E., Kobayashi T., Zhang Y., and Liang Q. (2017, June). *Parkin-mediated mitophagy is essential for maintaining cardiac function in diabetic mice.* Poster presented at the American Diabetes Association (ADA), 77th Scientific Sessions, Convention Center, San Diego, Calif. Retrieved from <https://ada.scientificposters.com/epsAbstractADA.cfm?id=8>

Hallie Zwibel, D.O.

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

Angelo M., Leder A., Zwibel H., Yao S.C. (2017, March). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) competition, Colorado Springs, Colo.

Angelo M., Silverberg C., Oommen T., Jung M.K., Mancini J., Leder A., Zwibel H., Yao S.C. (2017, March). *The effects of osteopathic manipulative treatment (OMT) on ImPACT scores in student athletes post-concussion*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Angelo M., Leder A., Zwibel H., Yao S.C. (2017, April). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the New York State Osteopathic Medical Society Regional Osteopathic Convention, Hauppauge, N.Y. Awarded 2nd place in Student Experimental Research Poster.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, April). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the Joint American Association of Colleges of Osteopathic Medicine (AACOM) & Association of Osteopathic Directors & Medical Educators (AODME) Annual Conference, Baltimore, Md. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Berg C., Zwibel H., DiFrancisco-Donoghue J. (2017, May). *The long-term prognosis of behavioral changes specifically, Attention Deficit Hyperactivity Disorder (ADHD), in retired National Hockey League (NHL) professional hockey players with multiple concussions*. Poster presented at the 32nd Annual Clinical Conference of the American Osteopathic Academy of Sports Medicine, Las Vegas, Nev.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, May–June). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the American College of Sports Medicine 64th Annual Meeting, Colorado Convention Center, Denver, Colo. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e102. doi: 10.7556/jaoa.2016.141. Awarded 1st place, Osteopathic Research Poster (sponsored by FORCE).

Divan M., Baranek C., DeLuca A., Zwibel H., DiFrancisco-Donoghue J. (2017, October). *Assessing energy intake and its effects on body composition in female endurance athletes*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e106. doi: 10.7556/jaoa.2016.141.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable*

technology combined with physical activity education in medical students: A randomized clinical trial. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. 2nd place winner, *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

III. Honorees and Awardees

Jerry Balentine, D.O., FACEP

Vice President for Medical Affairs and Global Health

2nd place poster competition, Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial.* Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

Gerard A. Baltazar, D.O.

Clinical Assistant Professor, Surgery

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

1st place paper competition, experimental research category, *The utility of zip ties for thoracostomy tube management.* American College of Surgeons Committee on Trauma (ACS-COT) Greater New York (GNY) Committee, October 2017.

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

Maria A. Carrillo-Sepulveda,

B.S.N., Ph.D.

Assistant Professor, Biomedical Sciences

2017 Recognition Award for a Young Investigator Minority Travel Fellowship from American Physiological Society. Experimental Biology (EB) Annual Meeting, McCormick Place Convention Center, Chicago, Ill.

Thomas Chan, D.O.

Assistant Professor and Interim Chairperson, Clinical Specialties

2nd place poster competition, Docherty J.E.B., Schatz A.A., Grohman R.H., de Vries K.D., Chan T., Yao S.C., DiFrancisco-Donoghue J. (2017, October). *The effect of pedal pump lymphatic technique on exercise recovery after maximal exercise*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e104. doi: 10.7556/jaoa.2016.141.

George Cheriyan, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

3rd place for best student educational poster category, de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

2nd place poster competition, George E., Angelo N., Voleti N., Gaspari M., Cheriyan G., Yao S.C. (2017, October). *Pressure variances in the diagnosis of lumbar somatic dysfunctions*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e116. doi: 10.7556/jaoa.2016.141.

Joanne DiFrancisco-Donoghue, Ph.D., RCEP

Assistant Professor, Osteopathic Manipulative Medicine

1st place for best student case poster category, Moriarty S., de Vries K.D., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

2nd place poster competition, Docherty J.E.B., Schatz A.A., Grohman R.H., de Vries K.D., Chan T., Yao S.C., DiFrancisco-Donoghue J. (2017, October). *The effect of pedal pump lymphatic technique on exercise recovery after maximal exercise*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e104. doi: 10.7556/jaoa.2016.141.

2nd place poster competition, Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

A. Martin Gerdes, Ph.D.

Professor and Chairperson, Biomedical Sciences

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

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

Patricia Happel, D.O.

Assistant Professor, Department of Family Medicine and
Associate Medical Director

2nd place poster competition, Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

Min-Kyung Jung, Ph.D.

Biostatistician, Research

2nd place poster competition, Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

2nd place for best student educational poster category, Rubinstein D., Kooyman P., Jung M.K., Yao S.C. (2017, March). *Efficacy of small group peer-to-peer teaching for osteopathic manipulative medicine (OMM) practical examination review*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

3rd place for best student educational poster category, de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Satoru Kobayashi, Ph.D.

Instructor, Biomedical Sciences

1st place poster award, Bantis K., Garcia J.A., Kobayashi S., Liang Q. (2017, October). *Prolonged fasting attenuates mitophagy and impairs cardiac function in mice*. American Osteopathic Association (AOA), Osteopathic Medical Conference & Exposition (OMED), Pennsylvania Convention Center, Philadelphia, Pa.

Patricia Kooyman, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

2nd place for best student educational poster category, Rubinstein D., Kooyman P., Jung M.K., Yao S.C. (2017, March). *Efficacy of small group peer-to-peer teaching for osteopathic manipulative medicine (OMM) practical examination review*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Adena Leder, D.O.

Assistant Professor, Clinical Sciences

1st place for best student case poster category, Moriarty S., de Vries K., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

2nd place for student experimental research poster, Angelo M., Leder A., Zwibel H., Yao S.C. (2017, April). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the New York State Osteopathic Medical Society Regional Osteopathic Convention, Hauppauge, N.Y.

1st place poster competition, Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e102. doi: 10.7556/jaoa.2016.141. Osteopathic Research Poster (sponsored by FORCE).

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

Associate Professor, Biomedical Sciences

1st place poster award, Bantis K., Garcia J.A., Kobayashi S., Liang Q. (2017, October). *Prolonged fasting attenuates mitophagy and impairs cardiac function in mice*. American Osteopathic Association (AOA), Osteopathic Medical Conference & Exposition (OMED), Pennsylvania Convention Center, Philadelphia, Pa.

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

Assistant Professor, Osteopathic Manipulative Medicine

1st place poster competition, Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e102. doi: 10.7556/jaoa.2016.141. Osteopathic Research Poster (sponsored by FORCE).

1st place for best student case poster category, Moriarty S., de Vries K., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Joseph Mazzie, D.O.

Assistant Professor, Osteopathic Manipulative Medicine

3rd place for best student educational poster category, de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Michael Terzella, D.O.

Associate Professor, Osteopathic Manipulative Medicine

3rd place for best student educational poster category, de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

Sheldon C. Yao, D.O.

Associate Professor and Chairperson, Osteopathic Manipulative Medicine

1st place for best student case poster category, Moriarty S., de Vries K., Donoghue J.D., Mancini J., Leder A., Yao S.C. (2017, March). *The effect of osteopathic manipulative therapy on mobility and activity in a Parkinson's disease subject*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

1st place for best student educational poster category, Belisario C., Damiris K., Ng T., Ganatra L.B., Yao S.C. (2017, March). *The use of osteopathic manipulative medicine (OMM) during clinical rotations*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

3rd place for best student educational poster category, de Vries K.D., Brown R., Mazzie J., Jung M.K., Cheriyan G., Yao S.C., Terzella M.J. (2017, March). *The effect of integrating ultrasound imaging into osteopathic medical student palpation training*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

2nd place for best student educational poster category, Rubinstein D., Kooyman P., Jung M.K., Yao S.C. (2017, March). *Efficacy of small group peer-to-peer teaching for osteopathic manipulative medicine (OMM) practical examination review*. Poster presented at the American Academy of Osteopathy Convocation, Louisa Burns Osteopathic Research Committee (LBORC) poster competition, Colorado Springs, Colo.

2nd place for student experimental research poster, Angelo M., Leder A., Zwibel H., Yao S.C. (2017, April). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the New York State Osteopathic Medical Society Regional Osteopathic Convention, Hauppauge, N.Y.

1st place poster competition, Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e102. doi: 10.7556/jaoa.2016.141. Osteopathic Research Poster (sponsored by FORCE).

2nd place poster competition, George E., Angelo N., Voleti N., Gaspari M., Cheriyan G., Yao S.C. (2017, October). *Pressure variances in the diagnosis of lumbar somatic dysfunctions*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e116. doi: 10.7556/jaoa.2016.141.

2nd place poster competition, Docherty J.E.B., Schatz A.A., Grohman R.H., de Vries K.D., Chan T., Yao S.C., DiFrancisco-Donoghue J. (2017, October). *The effect of pedal pump lymphatic technique on exercise recovery after maximal exercise*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e104. doi: 10.7556/jaoa.2016.141.

Hallie Zwibel, D.O.

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

2nd place for student experimental research poster, Angelo M., Leder A., Zwibel H., Yao S.C. (2017, April). *The reliability of King Devick (KD) testing in predicting concussion symptom severity in student athletes*. Poster presented at the New York State Osteopathic Medical Society Regional Osteopathic Convention, Hauppauge, N.Y.

1st place poster competition, Angelo N., Zwibel H., Leder A., Mancini J., Yao S.C. (2017, October). *Comparing the effect of osteopathic manipulative medicine versus concussion education for the acute treatment of mild concussion symptoms*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e102. doi: 10.7556/jaoa.2016.141. Osteopathic Research Poster (sponsored by FORCE).

2nd place poster competition, Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

IV. Grant Recipients—Externally Sponsored

Jerry Balentine, D.O., FACEP

Vice President for Medical Affairs and Global Health

Effects of iPad Use on Classroom and COMLEX Outcomes. 2016–2017 American Association of Colleges Osteopathic Medicine (AACOM) Education Research Grant Award Funding Instructions and Guidelines.

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

Assistant Professor, Biomedical Sciences

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

Jonathan H. Geisler, Ph.D.

Associate Professor and Chairperson, Anatomy

Brian L. Beatty, Ph.D.

Associate Professor, Anatomy

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

A. Martin Gerdes, Ph.D.

Professor and Chairperson, Biomedical Sciences

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

Satoru Kobayashi, Ph.D.

Instructor, Biomedical Sciences

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

Adena Leder, D.O.

Assistant Professor, Clinical Sciences

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

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

Associate Professor, Biomedical Sciences

Differential Effects of Fasting on Cardiac Autophagy and Mitophagy.
American Medical Association (AMA) Foundation, Seed Grant Research Program.
Necessity of AMPK Activation for Caloric Restriction-Induced Cardioprotection.
National Institutes of Health. PA-12-006; Academic Research Enhancement Award
(Parent R15). Award No. 1R15HL120027.
Deciphering the Role of Mitophagy in the Heart During Fasting.
National Institutes of Health, PA-16-200; Academic Research Enhancement
Award (Parent R15).
Award No. 1R15HL137130-01A1.

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.

Gregory Saggio, D.O.

Assistant Professor, Department of Clinical Specialties

Introduction to Clinical Medicine 2017. Ethicon, Inc./Johnson & Johnson. Grant
Identification No. 279764.

Sheldon C. Yao, D.O.

Associate Professor and Chairperson, Osteopathic
Manipulative Medicine

Joanne DiFrancisco-Donoghue, Ph.D., RCEP

Assistant Professor, Osteopathic Manipulative Medicine

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

Assistant Professor, Osteopathic Manipulative Medicine

Adena Leder, D.O.

Assistant Professor, Clinical Sciences

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

Associate Professor, Biomedical Sciences

Min-Kyung Jung, Ph.D.

Biostatistician, Research

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

Manager, Rehab Services, Academic Health Care Center

Effect of Osteopathic Manipulative Medicine on Balance, Motor Function,
and Biomarkers in Parkinson's Disease. American Osteopathic Association.
Award No. 431607710.

V. Grant Recipients—Internally Sponsored

Joanne DiFrancisco-Donoghue, Ph.D., RCEP

Assistant Professor, Osteopathic Manipulative Medicine

Does Whole Body Periodic Acceleration Improve Sleep Disturbances
in Persons with Parkinson's Disease?

Co-Principal Investigator. ISRC Grant.

Isaac Kurtzer, Ph.D.

Assistant Professor, Biomedical Sciences

Evaluating the Security and Resilience of Smartphone Behavioral Biometrics Using 3D Motion Capture.

Co-Principal Investigator. ISRC Grant.

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

Associate Professor, Biomedical Sciences

On-Chip Studies of Human Pluripotent Stem Cell-Derived Cardiomyocyte Maturation.

Co-Principal Investigator. ISRC Grant.

Micro-Engineered High-Sensitivity Surface Acoustic Wave Cell Sensor.

Co-Principal Investigator. ISRC Grant.

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

Assistant Professor, Biomedical Sciences

Development of a 3D Bioprinter Utilizing the Dexter Robotic Framework.

Co-Principal Investigator. ISRC Grant.

“Science is not only a disciple of reason but, also, one of romance and passion.”

—Stephen Hawking

School of Architecture and Design

I. Authors

Marcella Del Signore, M.Arch., RA

Associate Professor, Architecture and Design

Del Signore M. (2017). pneuSENSE: transcoding social ecologies. In Fioravanti A., Cursi S., Elahmar S., Gargaro S., Loffreda G., Novembri G., Trento A. (Eds.), *ShoCK!—Sharing of Computable Knowledge! Proceedings of the 35th International Conference on Education and Research in Computer Aided Architectural Design in Europe*, (2), 537–544. http://papers.cumincad.org/cgi-bin/works/paper/ecaade2017_134

Del Signore M. (2017). DATAField. In J. Lamere and C.P. Alonso (Eds.), *ACADIA 2018 Disciplines and Disruption: Projects Catalog of the 37th Annual Conference of the Association for Computer Aided Design in Architecture*, 122–127.

Jeffrey Raven, MSt., (Cantab), B.Arch., B.F.A., B.A.

Associate Professor, Masters Architecture in Urban & Regional Design

Klein-Rosenthal J., Raven J. (2017). Urban heat and urban design—An opportunity to transform in NYC. *The Sallan Foundation Snapshot Column*. Retrieved from https://www.sallan.org/Snapshot/2017/07/urban_heat_and_urban_design_an_opportunity_to_transform_in_nyc.php#.WnSp9KinGUk

Raven J., Stone B., Mills G., Towers J., Katzschner L., Leone M., Gaborit P., Georgescu M., Hariri M. (2017). Urban planning and design. In C. Rosenzweig, W. Solecki, P. Romero-Lankao, S. Mehrotra, S. Dhakal, and S. Ali Ibrahim (Eds.), *Climate Change and Cities: Second Assessment Report of the Urban Climate Change Research Network*. Cambridge University Press.

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

Professor, Architecture & Design

Schwarting J.M. (2017). *Rome: Urban Formation and Transformation*. San Francisco, Calif.: Applied Research and Design Publishing.

II. Presenters at Meetings

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

Del Signore M. (2017, September). *pneuSENSE: transcoding social ecologies*. Paper presented at the Education and Research in Computer Aided Architectural Design in Europe (EcaadE), School of Architecture and Engineering, La Sapienza University, Rome, Italy. <http://w3.dicea.uniroma1.it/eCAADe2017/>

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

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

Ford M. (2017, October). *Between model and building: Three houses*. Presentation at the Crossings Between the Proximate and Remote, Association of Collegiate Schools of Architecture (ACSA) Fall Conference, Marfa, Texas.

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

Frangos N. (2017, March). *The building*. Coordinator and respondent for guest lecturer José Araguez. NYIT Auditorium on Broadway, New York City.

Frangos N. (2017, April). *Body of work*. Coordinator and respondent for guest lecturer Stan Allen. NYIT Auditorium on Broadway, New York City.

Frangos N. (2017, October). *Emergent beauty in the work of Isamu Noguchi*. Lecture co-presented at the World Design Summit Conference, Montreal, Quebec, Canada.

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

Frangos N. (2017, October). *Apparatus city for universal beauty*. Lecture presented at the World Design Summit Conference, Montreal, Quebec, Canada.

Jeffrey Raven, MSt. (Cantab), B.Arch., B.F.A., B.A.

Associate Professor, Masters Architecture in Urban &
Regional Design

Raven J. (2017, June). *Climate change in NYC: Bridging science and practice*. Panel discussion at the Center for Architecture, AIANY Planning and Urban Design Committee and ASLA-NY, Oculus Magazine, New York City. Retrieved from <https://vimeo.com/224967916>

Giovanni Santamaria, Ph.D.

Associate Professor, Architecture & Design

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

Santamaria G. (2017, September). *Transforming territories—A landscape of “In-Tension-Alities.”* Presentation at the European Council of Landscape Architecture Schools (ECLAS2017) Annual Conference, Greenwich University, London, England.

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

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

Professor, Architecture & Design

Schwarting J.M. (2017, June). *An urban theory of **Ideal-Formation and Real-Transformation***. Presentation at the Rowe-Rome: Cities of Good Intentions Urban Design Dialogues Conference, Rome, Italy.

III. Designers and Exhibitors

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

Del Signore M. (2017, November). *DATAField*. Conference Exhibition at the Association of Computer Aided Design in Architecture (ACADIA 2017), MIT MediaLab, Massachusetts Institute of Technology, Cambridge, Boston, Mass. <http://2017.acadia.org/>

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

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

Frangos N. (2017, March). *Apparatus City: Micro Worlds/Macro Fields*. Curated and designed display system for School of Architecture NAAB Accreditation Exhibitions, Center Gallery, Education Hall, Old Westbury Campus, Old Westbury, N.Y. <https://vimeo.com/209911758>; https://www.nyit.edu/box/features/naomi_frangos_just_changed_the_way_architectural_projects_are_showcased

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

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

Matz C. (2017, October). *Franco Purini. In the space of drawing: Reason and imagination*. Co-Curator of Exhibition at the American Institute of Architects (AIA) Center for Architecture, New York City.

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

Santamaria G. (2017, October). *Franco Purini. In the space of drawing: Reason and imagination*. Co-Curator of Exhibition at the American Institute of Architects (AIA) Center for Architecture, New York City.

Santamaria G. (2017, October). *Polittico Newyorkese. A vision for Roosevelt Island*. Design Workshop with NYIT SoAD thesis students and guest professors Franco Purini and Antonino Saggio. NYIT-Manhattan, New York City.

IV. Grant Recipients—Externally Sponsored

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

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

V. Grant Recipients—Internally Sponsored

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

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

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

Fabricating Intuitive Innovation in Digital Design (FIND).
Principal Investigator. ISRC Grant.
Inhabiting Surface: Play-scapes for Learned Environments.
School of Architecture and Design sLAB design-build grant.

Farzana Gandhi, AIA LEED AP

Assistant Professor, Architecture

Building Resilient Communities.

Co-Principal Investigator. ISRC Grant.

Building Resilient Communities.

Co-Principal Investigator. TLT Grant.

Social Impact Design: AppDock for Africa.

Principal Investigator. ISRC Grant.

Jason Sargenti, RA

Adjunct Instructor, Architecture

Augmented Reality Sandbox.

Co-Principal Investigator. TLT Grant.

Jason Van Nest, RA

Assistant Professor, Architecture

Augmented Reality Sandbox.

Principal Investigator. TLT Grant.

“I have always
appreciated those
who dare to
experiment with
materials and
proportions.”

—Zaha Hadid

School of Engineering and Computing Sciences

I. Authors

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

Martin L.E.S., Fouda A.E., Amineh R.K., Capoglu I., Donderici B., Roy S.S., Hill F. (2017). New high-definition frequency tool for tubing and multiple casing corrosion detection. In *SPE Abu Dhabi International Petroleum Exhibition & Conference*. doi: 10.2118/188932-MS.

Patel A., Amineh R.K. (2017). Sub-diffraction holographic imaging with resonant scatterers. *Progress in Electromagnetics Research M*, 59, 1–7. Retrieved from <http://www.jpier.org/PIERM/pierm59/01.17062305.pdf>

Nada M. Anid, Ph.D.

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

Anid N. (2017, May 25). Fighting for STEM women in the age of Trump. *Forbes.com*. Retrieved from <https://www.forbes.com/sites/realspin/2017/05/25/fighting-for-stem-women-in-the-age-of-trump/2/#50aff1397c83>

Anid N., Panero M., Dong Z. (2017). *Topic ideas to accelerate research through international network-to-network collaboration*. White paper submitted to the National Science Foundation.

Guy S. (2017). Become empowered and inspired by our 2017 Leaders in Academe. *Society of Women Engineers (SWE) Magazine*, Fall Issue. Featured story *Navigating your Engineering Career*. Retrieved from <http://alltogether.swe.org/2017/09/fall-issue-of-swe-magazine-navigating-your-engineering-career/>

Nizich M., Panero M., Farajidavar A., Anid N. (2017). Innovation & Entrepreneurship, NYIT's multifaceted center includes bioelectronics. *The Corridor*, 3(1), 20. Retrieved from <http://www.thecorridorli.com/issue/3-001>

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Voris J., Artan N.S., Li W. (2017). Secure and private sensing for driver authentication and transportation safety, Final Report, 1–44. *University Transportation Research Center—Region 2*, City University of New York. Retrieved from <http://www.utrc2.org/sites/default/files/Final-Report-Secure-and-Private-Sensing.pdf>

Li W., Voris J., Artan N.S. (2017). Security, trust, and privacy for cloud computing in transportation cyber-physical systems (TCPS). In V. Kumar, R. Ko, and S. Chaisiri (Eds.), *Data Security in Cloud Computing*, 171–197. doi: 10.1049/pbse007e_ch8.

Trumpis M., Insanally M., Zou J., Elsharif A., Ghomashchi A., Artan N.S., Froemke R.C., Viventi J. (2017). A low-cost, scalable, current-sensing digital headstage for high channel count μ ECoG. *Journal of Neural Engineering*, 14(2), 026009, 1–15.; doi: 10.1088/1741-2552/aa5a82.

Babak D. Beheshti, Ph.D.

Professor, Electrical and Computer Engineering, Electrical and Computer Engineering Technology

Beheshti B. (2017, December 17). [Quoted in] The history of wireless everything. Adam Clark Estes, Senior Editor, *Gizmodo Magazine*. Retrieved from <https://gizmodo.com/the-history-of-wireless-everything-1795227728>

Khan Z. Ahmed I., Saleel A.P., Beheshti B., Ahmad. I. (2017). Security in the Internet of Things (IoT). *INFORMATION TECHNOLOGY TRENDS. HCT. 4th 2017. (ITT 2017)*. Al Ain, United Arab Emirates. Retrieved from <http://www.proceedings.com/37818.html>

Saleel A.P., Nazeer M., Beheshti B. (2017). Linux Kernel OS Local Root Exploit. *Proceedings of the 2017 IEEE Long Island Systems, Applications and Technology Conference (LISAT2017)*, Farmingdale, N.Y., Retrieved from <http://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8001953>

Houwei Cao, Ph.D.

Assistant Professor, Computer Sciences

Yu C., Ding H., Cao H., Liu Y., Yang C. (2017). Follow Me: Personalized IPTV channel switching guide. In *Proceedings of the 8th ACM on Multimedia Systems Conference (MMSys 2017)*, 147–157. doi: 10.1145/3083187.3083194.

Dorinamaria Carka, Ph.D.

Assistant Professor, Mechanical Engineering

Carka D., Lynch C.S. (2018, epub ahead of print). Ferroelectric and ferromagnetic phase field modeling. In: Schröder J., D.C. Lupascu (Eds.), *Ferroic Functional Materials*. CISM International Centre for Mechanical Sciences (Courses and Lectures), 581, 55–96. doi: 10.1007/978-3-319-68883-1_2.

Sonali Chandel, MSIT

Instructor, Computer Science, Nanjing Campus

Chakravarty S., Banerjee M., Chandel S. (2017). Spectral-spatial classification of hyperspectral imagery using support vector and fuzzy-MRF. In: *Intelligent, Secure, and Dependable Systems in Distributed and Cloud Environments, First International Conference, ISDDC 2017 Proceedings*. Lecture Notes in Computer Science, vol. 10618, 151–161, Springer International Publishing. doi: 10.1007/978-3-319-69155-8_11.

Xiangyu L. Qiuyang L., Chandel S. (2017). Social engineering and insider threats. In: *Proceedings of the 2017 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC)*, 25–34. doi: 10.1109/CyberC.2017.91

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

Wan# Y., Dong Z. (2017, epub ahead of print). Feature reduction for classification of daily activities through kinematic data from smartphones. *Smart Health*, 1–11. <https://doi.org/10.1016/j.smhl.2017.10.001>

Rojas-Cessa R., Grebel H., Jiang Z., Fukuda C., Pita H., Chowdhury T.S., Dong Z., Wan# Y. (2017). FEW: Integration of alternative energy sources into digital micro-grids. *Environmental Progress and Renewable Energy*, 37(1), 155–164. doi: 10.1002/ep.12725.

Dong Z., Meyland S., Karaomeroglu# M. (2017). FEW: A case study of an autonomous wireless sensor network system for environmental data collection. *Environmental Progress and Sustainable Energy*, 37(1), 180–188. doi: 10.1002/ep.12716.

Anid N., Panero M., Dong Z., (2017). *Topic ideas to accelerate research through international network-to-network collaboration*. White paper submitted to the National Science Foundation.

(#) = graduate student

Rishabh Dudheria, Ph.D.

Assistant Professor, Electrical and Computer Engineering,
Nanjing Campus

Dudheria R. (2017). Attacking smartphones by sharing innocuous images via QR codes. In *Proceedings of the 12th Annual Symposium on Information Assurance (ASIA '17)*, p. 8692. Retrieved from http://www.albany.edu/iasymposium/proceedings/2017/ASIA2017_Proceedings.pdf

Dudheria R. (2017, October). Evaluating features and effectiveness of secure QR code scanners. In *Proceedings of the International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC 2017)*, pp. 40–43. doi: 10.1109/CyberC.2017.23.

Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

He X., Farajidavar A. (2017). A novel motion monitoring system for activities of daily living. *EAI Endorsed Transactions on Pervasive Health and Technology*, 3(9), e3. doi: 10.4108/eai.21-3-2017.152392.

Nizich M., Panero M., Farajidavar A., Anid N. (2017). Innovation & Entrepreneurship, NYIT's multifaceted center includes bioelectronics. *The Corridor*, 3(1), 20. Retrieved from <http://www.thecorridorli.com/issue/3-001>

Yang Q., Gasti P., Zhou G., Farajidavar A., Balagani K. (2017). On inferring browsing activity on smartphones via USB power analysis side-channels. *IEEE Transactions on Information Forensics and Security (TiFF)*, 12(5), 1056–1066. doi: 10.1109/TIFS.2016.2639446.

Brian Galli, Ph.D.

Adjunct Instructor, Mechanical Engineering

Galli B. (2017). Applying strategic analysis to quantify investor risk of Pfizer pharmaceuticals. *International Journal of Risk & Contingency Management (IJRCM)*, 6(3), 1–13. doi: 10.4018/IJRCM.2017070101.

Galli B. (2017). How to truly win in business with leadership—A case study report. *Middle Eastern Journal of Management*, 4(3), 235–245. doi: 10.1504/MEJM.2017.10007463.

Galli B. (2017). HRM's importance throughout the organization: Analyzed through the concepts and views portrayed in Eli Goldratt's *The Goal*. *IEEE Engineering Management Review*, 45(3), 54–63. doi: 10.1109/EMR.2017.2734322.

Galli B. (2017). Risk management in project environments: Reflection of the standard process. *Journal of Modern Project Management (JMPPM)*, 5(2), 39–49. doi: 10.19255/JMPPM01404.

Galli B. (2017). The economics of lean six sigma in healthcare. *Industrial Management (Institute of Industrial and Systems Engineers)*, September/October, 26–30. Retrieved from <http://www.iise.org/details.aspx?id=45815>

Galli B. (2017). The effective approach of managing risk in new product development (NPD). *International Journal of Applied Management Sciences and Engineering*, 4(2), 27–40. doi: 10.4018/IJAMSE.2017070103.

Galli B., Kaviani, M.A. (2017). Are project management and project life cycles affected by marketing and new product development? *Journal of Modern Project Management (JMPPM)*, 5(1), 12–21. doi: 10.19255/JMPPM01302.

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Galli B., Kaviani M.A. (2017). The value of self-directing work teams. *Industrial Management (Institute of Industrial and Systems Engineers)*, 59(2), 22–26.

Galli B., Kaviani M.A., Bottani E., Murino T. (2017). Shared leadership and key innovation indicators in six sigma projects. *International Journal of Strategic Decision Sciences (IJSDS)*, 8(4), 1–45. doi:10.4018/IJSDS.2017100101.

Galli B., Kaviani M.A., Goldfarb P.S., Shahmaei, A. (2017). Application of conjoint analysis in improving the value of new product development: A hotel case study analysis. *International Journal of Strategic Decision Sciences (IJSDS)*, 8(2), 11–30. doi: 10.4018/IJSDS.2017040102.

Galli B., Santos-Arteaga F.J., Kaviani M.A., Mohebbi C. (2017). An experimental design for optimizing the degree of shared leadership in senior engineering design teams. *International Journal of Knowledge Engineering and Data Mining*, 4(2), 157–186. doi: 10.1504/IJKEDM.2017.10006213.

Paolo Gasti, Ph.D.

Assistant Professor, Computer Science

Acs G., Conti M., Gasti P., Ghali C., Tsudik G., Wood C. (2017). Privacy-aware caching in information-centric networking. *IEEE Transactions on Dependable and Secure Computing*, 99, 1–14. doi: 10.1109/TDSC.2017.2679711.

Yang Q., Gasti P., Zhou G., Farajidavar A., Balagani K. (2017). On inferring browsing activity on smartphones via USB power analysis side-channels. *IEEE Transactions on Information Forensics and Security (TiFF)*, 12(5), 1056–1066. doi: 10.1109/TIFS.2016.2639446.

Huanying Gu, Ph.D.

Associate Professor, Computer Science

Cirella D., Gu H. (2017). Generating abstraction networks using semantic similarity measure of ontology concepts. *Proceedings of the 2017 IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*, 840–843. doi: 10.1109/BIBM.2017.8217764.

Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Varanasi V.G., Ilyas A., Maginot M., Shah A., Lanford W.A., Aswath P.B. (2017). Role of hydrogen and nitrogen on the surface chemical structure of bioactive amorphous silicon oxynitride films. *The Journal of Physical Chemistry B*, 121(38), 8991–9005. doi: 10.1021/acs.jpcc.7b05885.

Varanasi V.G., Velten M.F., Odatsu T., Ilyas A., Iqbal S.M., Aswath P.B. (2017). Surface modifications and surface characterization of biomaterials used in bone healing. In S. Bose and A. Bandyopadhyay (Eds.) *Materials for Bone Disorders*, 405–452. doi: 10.1016/B978-0-12-802792-9.00009-4.

Fang Li, Ph.D.

Assistant Professor, Mechanical Engineering

Zhang X., Wang W., Li F.,* Voiculescu, I. (2017). Stretchable impedance sensor for mammalian cell proliferation measurements, Lab on a Chip. *The Royal Society of Chemistry*, 17(12), 2054–2066. doi: 10.1039/c7lc00375g.

*corresponding author, also featured on journal inside front cover

Furniss J., Qin L., Ng S., Voiculescu I., Li F. (2017). FEW: Love mode surface acoustic wave and impedance sensors for water toxicity sensing. *Environmental Progress & Sustainable Energy*, 1–8. doi: 10.1002/ep.12715.

Zhang X., Wang W., Nordin A.N., Li F., Jang S., Voiculescu I. (2017). The influence of the electrode dimension on the detection sensitivity of electric cell–substrate impedance sensing (ECIS) and its mathematical modeling. *Sensors and Actuators B: Chemical*, 247, 780–790. doi: 10.1016/j.snb.2017.03.047.

Wenjia Li, Ph.D.

Assistant Professor, Computer Science

Hu Y., Liu Y., Li W., Li K., Li K., Xiao N., Zheng Q., Shu Yin (2017). Unequal failure protection coding technique for distributed cloud storage systems. *IEEE Transactions on Cloud Computing*, 15(8): 1–14. doi: 10.1109/TCC.2017.2785396.

Li W., Song H., Wei Y., Zeng F. (2017). Toward more secure and trustworthy transportation cyber-physical systems. In Y. Sun and H. Song (Eds.), *Secure and Trustworthy Transportation Cyber-Physical Systems*, chapter 5. doi: 10.1007/978-981-10-3892-1_5.

Li W., Song H., Zeng F. (2017). Policy-based secure and trustworthy sensing for Internet of things in smart cities. *IEEE Internet of Things Journal*, 99, 1–8. doi: 10.1109/JIOT.2017.2720635.

Li W., Voris J., Artan N.S. (2017). Security, trust, and privacy for cloud computing in transportation cyber-physical systems (TCPS). In V. Kumar, R. Ko, & S. Chaisiri (Eds.), *Data Security in Cloud Computing*, 171–197. doi: 10.1049/pbse007e_ch8.

Su X., Liu X., Lin J., He S., Fu Z., Li W. (2017). De-cloaking malicious activities in smartphones using HTTP flow mining. *KSII Transactions on Internet & Information Systems*, 11(6), 3230–3253. doi: 10.3837/tiis.2017.06.023.

Wang X., Zhang D., Su X., Li W. (2017). Mlifdetect: Android malware detection based on parallel machine learning and information fusion. *Security and Communication Networks*, vol. 2017, Article ID 6451260, 1–14. doi:10.1155/2017/6451260.

Voris J., Artan N.S., Li W. (2017). Secure and private sensing for driver authentication and transportation safety, Final Report, 1–44. *University Transportation Research Center—Region 2*, City University of New York. Retrieved from <http://www.utrc2.org/sites/default/files/Final-Report-Secure-and-Private-Sensing.pdf>

Zeng F., Zhao N., Li W. (2017). Effective social relationship measurement and cluster based routing in mobile opportunistic networks. *Sensors Journal*, 17(5), 1–19. doi:10.3390/s17051109.

Sandra Kopecky, M.S.

Adjunct Faculty, Computer Science

Kopecky S. (2017). Cyber security paradox from a user’s view point. *2017 IEEE Computer Conference*, 783–787. doi: 10.1109/SAI.2017.8252184.

Michael Nizich, Ph.D.

Director, Entrepreneurship & Technology Innovation Center

Nizich M., Panero M., Farajidavar A., Anid N. (2017). Innovation & Entrepreneurship, NYIT’s multifaceted center includes bioelectronics. *The Corridor*, 3(1), 20. Retrieved from <http://www.thecorridorli.com/issue/3-001>

Ravi J., Nizich M. (2017). The cybersecurity threat in New York City: A roundtable discussion. *Crain’s New York.com*, Vol. XXXIII, no. 40, 15–17.

Marta A. Panero, Ph.D.

Director of Strategic Partnerships, School of Engineering and Computing Sciences

Anid N., Panero M., Dong Z. (2017). *Topic ideas to accelerate research through international network-to-network collaboration*. White paper submitted to the National Science Foundation.

Ashton W., Panero M., Cruz C.I., Martin M.H. (2017, epub ahead of print). Financing resource efficiency and cleaner production in Central America. *Journal of Clean Technologies and Environmental Policy*, 20, 53–63. doi: 10.1007/s10098-017-1452-8.

Nizich M., Panero M., Farajidavar A., Anid N. (2017). Innovation & Entrepreneurship, NYIT's multifaceted center includes bioelectronics. *The Corridor*, 3(1), 20. Retrieved from <http://www.thecorridorli.com/issue/3-001>

Anand Santhanakrishnan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Alnkahli M., Anand S., Chandramouli R. (2017). Joint spectrum and energy efficiency in device to device communication enabled wireless networks. *IEEE Transactions on Cognitive Communications*, 3(2), 217–225. doi: 10.1109/TCCN.2017.2689015.

James J. Scire, Ph.D.

Assistant Professor, Mechanical Engineering

Scire J.J. Jr., Furniss J., Mauro J., O'Sullivan K. (2017). Digital holography with a cell-phone camera module. *Proceedings of the 2017 IEEE Sensors Applications Symposium (SAS)*, 1–6. doi: 10.1109/SAS.2017.7894093.

Scire J.J. Jr. (2017). Dynamic balancing system with 3D-printed components. *Proceedings of the 2017 ASEE Mid-Atlantic Section Conference*, 1–6. Retrieved from <https://peer.asee.org/dynamic-balancing-system-with-3d-printed-components>

Milan Toma, Ph.D.

Assistant Professor, Mechanical Engineering

Toma M. (2017). The emerging use of SPH in Biomedical Applications. *Significances of Bioengineering & Biosciences*, 1, SBB.000502. Retrieved at <http://crimsonpublishers.com/sbb/pdf/SBB.000502.pdf>

Jonathan Voris, Ph.D.

Assistant Professor, Computer Science

Li W., Voris J., Artan N.S. (2017). Security, trust, and privacy for cloud computing in transportation cyber-physical systems (TCPS). In V. Kumar, R. Ko, & S. Chaisiri (Eds.), *Data Security in Cloud Computing*, 171–197. doi: 10.1049/pbse007e_ch8.

Nguyen T., Voris J. (2017). Touchscreen biometrics across multiple devices. *Proceedings of the 13th Symposium on Usable Privacy and Security (SOUPS)*, 1–6. Retrieved from https://www.usenix.org/system/files/conference/soups2017/way2017-nguyen_tuan.pdf

Voris J., Artan N.S., Li W. (2017). Secure and private sensing for driver authentication and transportation safety, Final Report, 1–44. *University Transportation Research Center—Region 2*, City University of New York. Retrieved from <http://www.utrc2.org/sites/default/files/Final-Report-Secure-and-Private-Sensing.pdf>

Xun Yu, Ph.D.

Chairperson and Associate Professor, Mechanical Engineering

Cui X., Sun S., Han B., Yu X., Ouyang J., Zeng S., Ou J. (2017). Mechanical, thermal and electromagnetic properties of nanographite platelets modified cementitious composites. *Composites Part A: Applied Science and Manufacturing*, 93, 49–58. doi: 10.1016/j.compositesa.2016.11.017.

Ding S., Han B., Dong X., Yu X., Ni Y., Zheng Q., Ou J. (2017). Pressure-sensitive behaviors, mechanisms and model of field assisted quantum tunneling composites. *Polymer*, 113, 105–118. doi: 10.1016/j.polymer.2017.02.058.

Han B., Li Z., Zhang L., Zeng S., Yu X., Han B., Ou J. (2017). Reactive powder concrete reinforced with nano SiO₂-coated TiO₂. *Construction and Building Materials*, 148, 104–112. doi: 10.1016/j.conbuildmat.2017.05.065.

Han B., Zhang L., Zeng S., Dong S., Yu X., Yang R., Ou J. (2017). Nano-core effect in nano-engineered cementitious composites. *Composites Part A: Applied Science and Manufacturing*, 95, 100–109. doi: 10.1016/j.compositesa.2017.01.008.

Han B., Zheng Q., Sun S., Dong S., Zhang L., Yu X., Ou J. (2017). Enhancing mechanisms of multi-layer graphenes to cementitious composites. *Composites Part A: Applied Science and Manufacturing*, 101, 143–150. doi: 10.1016/j.compositesa.2017.06.016.

Sun S., Han B., Jiang S., Yu X., Wang Y., Li H., Ou J. (2017). Nano graphite platelets-enabled piezoresistive cementitious composites for structural health monitoring. *Construction and Building Materials*, 136, 314–328. doi: 10.1016/j.conbuildmat.2017.01.006.

Yao S., Nie X., Yu X., Song B., Blecke J. (2017). Highly stretchable miniature strain sensors for large dynamic strain measurement. *IEEE Sensors Letters*, 1(3), 2500404, 1–4. doi: 10.1109/LESENS.2017.2709943.

Yi C., Lv Y., Dang Z., Xiao H., Yu X. (2017). Quaternion singular spectrum analysis using convex optimization and its application to fault diagnosis of rolling bearing. *Measurement*, 103, 321–332. doi: 10.1016/j.measurement.2017.02.047.

Tao Zhang, Ph.D.

Professor, Computer Science

Li P., Zhang T., Huang C., Chen X., Fu B. (2017). RSU-assisted geocast in vehicular ad hoc networks. *IEEE Wireless Communications*, 53–59. doi: 10.1109/MWC.2017.1600192WC.

II. Presenters at Meetings

Nada M. Anid, Ph.D.

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

Anid N. (2017, February). *Introductory Remarks*. Speaker at the LISTnet Women in Technology Luncheon, NYIT de Seversky Mansion, Old Westbury, N.Y.

Anid N. (2017, February). *State of New York Finance*. Panel Moderator at the NY Academy of Medicine, New York City.

Anid N. (2017, April). *Persistence and Community*. Presenter and Organizer at NYIT's TEDx, NYIT Auditorium on Broadway, New York City.

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

Anid N. (2017, June). *Energy and ecology—Protecting fragile resources*. Speaker at the 13th Annual Energy Conference, Bioenergy and Natural Systems, NYIT de Seversky Mansion, Old Westbury, N.Y.

Panero M., Anid N., Ashton W. (2017, June). *Linking education to water sustainability and lower carbon footprint in Latin America*. Presentation at the Association for Environmental Studies and Science (AESS) Annual Conference, Tucson, Ariz. <https://aessonline.org/2017-conference/>

Anid N., Scott E. (2017, September). *Women Engineering Deans*. Nada Anid and Elaine Scott share perspectives, insight and advice with Peggy Layne, Assistant Provost for Faculty Development at Virginia Tech. Society of Women Engineers Magazine Podcast, Retrieved from <http://alltogether.swe.org/2017/09/podcast-women-engineering-leaders-academe-2017/>

Anid N. (2017, September). *Welcoming Remarks*, NYIT's Eighth Annual Cybersecurity Conference, NYIT Auditorium on Broadway, New York City.

Anid N. (2017, September). *Female leaders in digital, technology industries reflect on Silicon Valley's gender problem*. Nada Anid interviewed by Rachel Leah, *Salon Talks*. Retrieved from <https://www.salon.com/2017/09/30/women-respond-to-silicon-valleys-mens-rights-advocates>

Anid N. (2017, October). *Women in Tech*. Remarks and reactions to a blog by a Google employee on WNYC News Hour.

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

Anid N. (2017, October). *Amanda Golden and Nada Anid talk women, technology and art*. Video interview at NYIT-Old Westbury Campus, Old Westbury, N.Y. Retrieved from https://www.nyit.edu/box/features/video_amanda_golden_and_nada_anid_talk_women_technology_and_art

Anid N. (2017, October). *Public affairs and AIChE: A PAIC Town Hall*. Introductory Remarks and Co-Chair at the 17th American Institute of Chemical Engineers (17 AIChE) Annual Meeting, Minneapolis, Minn. <https://www.aiche.org/conferences/aiche-annual-meeting/2017/proceeding/paper/8a-introductory-remarks-nada-anid>

Anid N. (2017, November). *Visions of Research and Innovation*. Welcoming remarks at the Cybersecurity Center Ribbon Cutting Event, Harry Schure Hall Auditorium, NYIT-Old Westbury Campus, Old Westbury, N.Y.

Billis S., Anid N. (2017, November). *To flip or not to flip: Active and collaborative learning*. Paper presented at the Future Technologies Conference (FTC), Pan Pacific Hotel, Vancouver, BC, Canada. <https://www.technologyconference.com/?p=27609>.

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Stafford* M., Rogers* A., Carver* C., Wu* S., Artan N.S., Dong Z. (2017, October). *TETRIS: Smartphone-to-smartphone screen-based visible light communication*. Paper presented at the 14th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2017), the Fourth National Workshop for REU Research in Networking and Systems (2017 4th REU Research in N&S), Orlando, Fla. In *Proceedings of the 2017 IEEE 14th International Conference on Mobile Ad Hoc and Sensor Systems (MASS) (2017)*, 570–574. Retrieved from <http://doi.ieeecomputersociety.org/10.1109/MASS.2017.101>

Carver* C., Rogers* A., Stafford* M., Wu* S., Artan N.S., Dong Z. (2017, October). *Indoor localization through visible light characterization using front-facing smartphone camera*. Paper presented at the 14th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2017), the Fourth National Workshop for REU Research in Networking and Systems (2017 4th REU Research in N&S), Orlando, Fla. In *Proceedings of the 2017 IEEE 14th International Conference on Mobile Ad Hoc and Sensor Systems (MASS) (2017)*, 575–579. Retrieved from <http://doi.ieeecomputersociety.org/10.1109/MASS.2017.102>

(*) undergraduate student

Steven H. Billis, Ph.D.

Professor, Electrical and Computer Engineering,
Computer Science

Billis S., Anid N. (2017, November). *To flip or not to flip: Active and collaborative learning*. Paper presented at the Future Technologies Conference (FTC), Pan Pacific Hotel, Vancouver, BC, Canada. <https://www.technologyconference.com/?p=27609>

Sonali Chandel, MSIT

Instructor, Computer Science, Nanjing Campus

Chakravarty S., Banerjee M., Chandel S. (2017, October). *Spectral-spatial classification of hyperspectral imagery using support vector and fuzzy-MRF*. Paper presented at the First International Conference, ISDD 2017, Vancouver, BC, Canada. In *Intelligent, Secure, and Dependable Systems in Distributed and Cloud Environments, First International Conference, ISDDC 2017 Proceedings*. Lecture Notes in Computer Science, vol. 10618, 151–161. Springer International Publishing. doi: 10.1007/978-3-319-69155-8_11.

Xiangyu L., Qiuyang L., Chandel S. (2017, October). *Social engineering and insider threats*. Paper presented at the 2017 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC), Nanjing, China. In *Proceedings of the 2017 International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC)*, 25–34. doi: 10.1109/CyberC.2017.91

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

Khullar# R., Dong Z. (2017, April). *Indoor localization framework with WiFi fingerprinting*. Paper presented at the 26th Wireless and Optical Communications Conference (WOCC 2017), Newark, N.J. In *Proceedings of the 26th Wireless and Optical Communications Conference (WOCC 2017)*, 1–6. doi: 10.1109/WOCC.2017.7928970.

Dong Z. (2017, June). *An NYIT Education: Bring out the Best in Our Students*. Invited Speaker at the Global Partnership Summit, NYIT-Manhattan, New York City.

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

Carver* C., Rogers* A., Stafford* M., Wu* S., Artan N.S., Dong Z. (2017, October). *Indoor localization through visible light characterization using front-facing smartphone camera*. Paper presented at the 14th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2017), the Fourth National Workshop for REU Research in Networking and Systems (2017 4th REU Research in N&S), Orlando, Fla. In *Proceedings of the 2017 IEEE 14th International Conference on Mobile Ad Hoc and Sensor Systems (MASS) (2017)*, 575–579. Retrieved from <http://doi.ieeecomputersociety.org/10.1109/MASS.2017.102>

Stafford* M., Rogers* A., Carver* C., Wu* S., Artan N.S., Dong Z. (2017, October). *TETRIS: Smartphone-to-smartphone screen-based visible light communication*. Paper presented at the 14th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2017), the Fourth National Workshop for REU Research in Networking and Systems (2017 4th REU Research in N&S), Orlando, Fla. In *Proceedings of the 2017 IEEE 14th International Conference on Mobile Ad Hoc and Sensor Systems (MASS) (2017)*, 570–574. Retrieved from <http://doi.ieeecomputersociety.org/10.1109/MASS.2017.101>

Dong Z. (2017, November 30–December 1). *Data challenges and real-time autonomous sensing systems*. Moderator and Speaker at the NSF Workshop Urban Infrastructures: Analysis and Modeling for Their Optimal Management and Operation, NYIT-Manhattan, New York City.

(*) undergraduate student, (#) graduate student

Rishabh Dudheria, Ph.D.

Assistant Professor, Electrical and Computer Engineering,
Nanjing Campus

Dudheria R. (2017, June). *Attacking smartphones by sharing innocuous images via QR Codes*. Paper presented at the 12th Annual Symposium on Information Assurance (ASIA '17), Empire State Plaza, Albany, N.Y. In *Proceedings of the 12th Annual Symposium on Information Assurance (ASIA '17)*, pp. 86–92. Retrieved from http://www.albany.edu/iasymposium/proceedings/2017/ASIA2017_Proceedings.pdf

Dudheria R. (2017, October). *Evaluating features and effectiveness of secure QR code scanners*. Paper presented at the International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC 2017), Nanjing, China;

<http://www.cyberc.org>. In *Proceedings of the International Conference on Cyber-Enabled Distributed Computing and Knowledge Discovery (CyberC 2017)*, pp. 40–43. doi: 10.1109/CyberC.2017.23.

Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Vegesna A., Miller L.S., Alshelleh M., Farajidavar A. (2017, May). *Endoscopic method for device implantation into the gastrointestinal tract*. Poster presented at Digestive Disease Week (DDW), Chicago, Ill., In *Gastrointestinal Endoscopy*, 85(5), AB502. Retrieved from <https://ddw.scientificposters.com/epsAbstractDDW.cfm?id=1>

Wang R., Abukhalaf Z., Javan-khoshkholgh A., Stocker A., Abell T., Farajidavar A. (2017, May). *A novel system and methodology for continuous ambulatory monitoring of gastric slow waves*. Poster presented at Digestive Disease Week (DDW), Chicago, Ill., In *Gastroenterology*, 152(5), S516; doi: 10.1016/S0016-5085(17)31902-9.

Brian Galli, Ph.D.

Adjunct Instructor, Mechanical Engineering

Galli B. (2017, May). *Effectively integrating continuous improvement principles to PMBOK*. Presenter at the Production & Operations Management Society 28th Annual Conference, Seattle, Wash.

Galli B. (2017, May). *How to effectively use predictive analytics in supply chain environments*. Presenter at the Production & Operations Management Society 28th Annual Conference, Seattle, Wash.

Galli B. (2017, May). *Using systems theory and engineering to truly see the big picture of healthcare*. Speaker at the Production & Operations Management Society 28th Annual Conference, Seattle, Wash.

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

Galli B. (2017, September). *Disruptive solutions with lean six sigma*. Expert Panel Session at the Engineering Lean & Six Sigma Conference (Institute of Industrial & Systems Engineers), Orlando, Fla.

Galli B. (2017, September). *Risks related to lean six sigma deployment and sustainment risks: How project management can help*. Speaker at the Engineering Lean & Six Sigma Conference (Institute of Industrial & Systems Engineers), Orlando, Fla.

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

Galli B. (2017, November). *The integration of lean six sigma into PMBOK project management*. Speaker at the American Society for Quality (ASQ), New York City Conference, Syracuse, N.Y.

Huanying Gu, Ph.D.

Associate Professor, Computer Science

Cirella D., Gu H. (2017, November). *Generating abstraction networks using semantic similarity measure of ontology concepts*. Paper presented at the 2017 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), Kansas City, Mo., In *Proceedings of the 2017 IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*, 840–843. doi: 10.1109/BIBM.2017.8217764.

Gu H. (2017, September). *Academic collaborations*. Invited panelist at the Chinese Academy of Sciences, Guangzhou Branch on the Digital Realty Data Center, New Jersey Technology Council, Clifton, N.J.

Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Ilyas A., Monte F., Kramer P., Aswath P.B., Kim H.K.W., Varanasi V.G. (2017, March). *Silicon oxynitrophosphide enhances osteogenesis and angiogenesis for rapid bone healing*. Abstract presented at the International Association for Dental Research (IADR/AADR/CADR) General Session & Exhibition, San Francisco, Calif. <http://www.iadr.org/>

Ripperger D.J., Ighani F., Monte F., Ilyas A., Varanasi V.G. (2017, March). Ionic silicon increases endothelial cell viability in reactive oxygen environment. Abstract presented at the International Association for Dental Research (IADR/AADR/CADR) General Session & Exhibition, San Francisco, Calif. <http://www.iadr.org>

Sandra Kopecky, M.S.

Adjunct Faculty, Computer Science

Kopecky S. (2017, July). *Cyber security paradox from a user's view point*. Paper presented at the 2017 IEEE Computer Conference, London, England. In *Proceedings of the 2017 IEEE Computer Conference*, 783–787. doi: 10.1109/SAI.2017.8252184.

Fang Li, Ph.D.

Assistant Professor, Mechanical Engineering

Zhang X., Li F., Lee K., Voiculescu I. (2017, June). *Lab-on-chip stretchable impedance spectroscopy for mammalian cell studies*. Paper presented at the 19th International Conference on Solid State Sensors, Actuators and Microsystems (TRANSDUCERS), Kaohsiung Exhibition Center, Kaohsiung, Taiwan. <http://www.transducers2017.org/>

Li F., Huang Y., Kobayashi S., Liang Q., Voiculescu I. (2017, July). *Cell-substrate impedance sensing (ECIS) for evaluation of drug-induced cardiovascular toxicity using iPSC-derived cardiomyocyte*. Abstract presented at the Stem Cells for Drug Discovery & Toxicity Screening 2017, Wyndham Boston Beacon Hill, Boston, Mass. <https://selectbiosciences.com/conferences/index.aspx?conf=SCDDUS2017>

Wenjia Li, Ph.D.

Assistant Professor, Computer Science

Dou Y., Zeng F., Li W. (2017, May). *Energy-efficient contact detection model in mobile opportunistic networks*. Paper presented at the 12th International Conference on Wireless Algorithms, Systems and Applications (WASA 2017), Guilin, China. In *Proceedings of 2017 International Conference on Wireless Algorithms, Systems, and Applications (WASA 2017), Springer Lecture Notes in Computer Science (LNCS)*, vol.10251. doi: 10.1007/978-3-319-60033-8_6.

Chen X., Zeng F., Li W. (2017, July). *An energy-balancing and spectrum-aware clustering algorithm for cognitive radio sensor network*. Paper presented at the 10th EAI International Conference on Mobile Multimedia Communications (MOBIMEDIA 2017), Chongqing, China. In *Proceedings of 10th EAI International Conference on Mobile Multimedia Communications (MOBIMEDIA 2017)*. <http://archive.mobimedia.org/2017/show/home>

Zeng F., Peng J., Li W. (2017, July). *An effective clustering routing algorithm based on social-interest similarity in mobile opportunistic networks*. Paper presented at the 10th EAI International Conference on Mobile Multimedia Communications (MOBIMEDIA 2017), Chongqing, China. In *Proceedings of 10th EAI International Conference on Mobile Multimedia Communications (MOBIMEDIA 2017)*. <http://archive.mobimedia.org/2017/show/home>

Zhao N., Zeng F., Li W. (2017, July). *An effective routing algorithm based on social community for mobile opportunistic networks*. Paper presented at the 10th EAI International Conference on Mobile Multimedia Communications (MOBIMEDIA 2017), Chongqing, China. In *Proceedings of 10th EAI International Conference on Mobile Multimedia Communications (MOBIMEDIA 2017)*. <http://archive.mobimedia.org/2017/show/home>

Hu Y., Li W., Ma M., Cao N., Liu Y., Qin Z. (2017, December). *Toward complex search for encrypted mobile cloud data via index blind storage*. Paper presented at the 15th IEEE International Symposium on Parallel and Distributed Processing with Applications (IEEE ISPA 2017), Guangzhou, China. In *Proceedings of the 15th IEEE International Symposium on Parallel and Distributed Processing with Applications (IEEE ISPA 2017)*. <http://trust.gzhu.edu.cn/conference/ISPA2017/>

Zhao X., Wei Y., Li W. (2017, December). *The improved earliest deadline first with virtual deadlines mixed criticality scheduling algorithm*. Paper presented at the 15th IEEE International Symposium on Parallel and Distributed Processing with Applications (IEEE ISPA 2017), Guangzhou, China. In *Proceedings of the 15th IEEE International Symposium on Parallel and Distributed Processing with Applications (IEEE ISPA 2017)*. <http://trust.gzhu.edu.cn/conference/ISPA2017/>

Marta A. Panero, Ph.D.

Director of Strategic Partnerships, School of Engineering and Computing Sciences

Panero M. (2017, July). *Stakeholder engagement and process initiation for Food, Energy and Water nexus questions*. Presentation at the Baden-Wuerttemberg Stipendium: Planning New York-HFT Stuttgart Summer Symposium, University of Applied Sciences, Stuttgart, Germany.

Panero M., Anid N., Ashton W. (2017, June). *Linking education to water sustainability and lower carbon footprint in Latin America*. Presentation at the Association for Environmental Studies and Science (AESS) Annual Conference, Tucson, Ariz. <https://aessonline.org/2017-conference/>

James J. Scire, Ph.D.

Assistant Professor, Mechanical Engineering

Scire J.J. Jr., Furniss J., Mauro J., O'Sullivan K. (2017, March). *Digital holography with a cell-phone camera module*. Paper presented at the 2017 IEEE Sensors Applications Symposium (SAS), Glassboro, N.J. In *Proceedings of the 2017 IEEE Sensors Applications Symposium (SAS)*, 1–6. doi: 10.1109/SAS.2017.7894093.

Scire J.J. Jr. (2017, October). *Dynamic balancing system with 3D-printed components*. Paper presented at the 2017 American Society for Engineering Education (ASEE) Mid-Atlantic Section Conference, Pennsylvania State University, Reading, Pa. In *Proceedings of the 2017 ASEE Mid-Atlantic Section Conference*, 1–6. Retrieved from <https://peer.asee.org/dynamic-balancing-system-with-3d-printed-components>

Milan Toma, Ph.D.

Assistant Professor, Mechanical Engineering

Toma M., Nguyen P. (2017, April). *Fluid-structure interaction analysis of cerebral spinal fluid with a comprehensive head model subject to a car crash-related whiplash*. Paper presented at the 5th International Conference on Computational and Mathematical Biomedical Engineering (CMBE2017), University of Pittsburgh, Pittsburgh, Pa., *CMBE 2017 Proceedings Vol 2*, 769–772. Retrieved from <http://www.compbioimed.net/2017/cmbe-proceedings.htm>

Jonathan Voris, Ph.D.

Assistant Professor, Computer Science

Nguyen T., Voris J. (2017, July). *Touchscreen biometrics across multiple devices*. Paper presented at the 13th Symposium on Usable Privacy and Security Conference, Santa Clara, Calif. In *Proceedings of the 13th Symposium on Usable Privacy and Security (SOUPS)*, 1–6. Retrieved from https://www.usenix.org/system/files/conference/soups2017/way2017-nguyen_tuan.pdf

III. Honorees and Awardees

Nada M. Anid, Ph.D.

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

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

Featured in an article. Become empowered and inspired by our 2017 leaders in academe. Navigating your engineering career. In the *Society of Women Engineers*. Retrieved from <http://alltogether.swe.org/2017/09/fall-issue-of-swe-magazine-navigating-your-engineering-career/>

Guest Editor, Special Issue on Food, Energy and Water Nexus, 37(1), 1–614. In M. Abraham (Ed.). *The Journal of Environmental Progress and Sustainable Energy*, Wiley Publisher.

Program Evaluator and Participant, in the Computing Accreditations Commission (CAC) and Engineering Accreditation Commission (EAC) Institutional Representative Days, Accreditation Board for Engineering and Technology (ABET). Ongoing since 2013.

Section Editor, Sustainable Water. In M. Abraham (Ed.) *Encyclopedia of Sustainable Technologies*, Elsevier. ISBN: 978-0-12-804677-7.

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

Michael Nizich, Ph.D.

Director, Entrepreneurship & Technology Innovation Center

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

Marta A. Panero, Ph.D.

Director of Strategic Partnerships, School of Engineering and Computing Sciences

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

Assistant to the Editor, Special Issue on Food, Energy and Water Nexus, 37(1), 1–614. In M. Abraham (Ed.). *The Journal of Environmental Progress and Sustainable Energy*, Wiley Publisher.

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

Lead organizer, for NYIT’s Internal Business Plan Competition, for students from the Schools of Engineering & Computing Sciences, Management, and Arts & Sciences. January–April 2017.

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

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

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

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

Section Co-Editor, Sustainable Water. In M. Abraham (Ed.) *Encyclopedia of Sustainable Technologies*, Elsevier. ISBN: 978-0-12-804677-7.

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

IV. Patents

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

Amineh R.K., Martin L.E.S., Donderici B. Evaluation Tool for Concentric Wellbore Casings. Publication No. US9562877 B2. Publication date February 7, 2017.

Martin L.E.S., Amineh R.K., Donderici B. Casing Defect Determination Using Stored Defect Response Information. Publication No. US9745845 B2. Publication date August 29, 2017.

Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Varanasi V., Ilyas A., Kramer P., Azimaie T. In-Vivo Live 3rd Printing of Regenerative Bone Healing Scaffolds for Rapid Fracture Healing.

Publication No. US20170143831 A1 Application No. US 15/360,788. Publication date May 25, 2017.

Varanasi V., Aswath P., Kramer P., Velten M., and Ilyas A. SI-O-N-P Related Fabrication Methods, Surface Treatments and Uses Thereof.

Publication No. US 20170348459 A1 Application No. US 15/455120. Publication date December 7, 2017.

V. Grant Recipients—Externally Sponsored

Nada M. Anid, Ph.D.

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

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

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

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

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

NYIT Start Up NY Cybersecurity Research, Training & Business Facility. Empire State Development, New York State Consolidated Funding Application; CFA No. 56869, Project No. AA407.

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

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

Northrop Grumman Corporation. Corporate Contributions Program. Principal Investigator.

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

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.

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

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

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

Kiran S. Balagani, Ph.D.

Assistant Professor, Computer Sciences

TWC: Small: Collaborative: RUI: Towards Energy-Efficient Privacy-Preserving Active Authentication of Smartphone Users. National Science Foundation, Award No. CNS-1619023.

Babak D. Beheshti, Ph.D.

Professor, Electrical and Computer Engineering, Electrical and Computer Engineering Technology

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

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

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

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

Remi Charron, Ph.D.

Associate Professor and Assistant Chairperson, Energy Management, Vancouver Campus

BC Housing. Educational Videos and Workshops on Emerging Technologies. Building Excellence Research & Education Grants.

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

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.

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.

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

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

Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

An Implantable Wireless System to Study Gastric Neurophysiology, supplemental. National Institutes of Health / SPARC Program. RFA-RM-15-002; Exploratory Technologies to Understand the Control of Organ Function by the Peripheral Nervous System for SPARC (U18). Project Period: 8/5/2017–7/31/2018.

Paolo Gasti, Ph.D.

Assistant Professor, Computer Science

TWC: Small: Collaborative: RUI: Towards Energy-Efficient Privacy-Preserving Active Authentication of Smartphone Users. National Science Foundation, Award No. CNS-1619023.

Huanying Gu, Ph.D.

Associate Professor, 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, 3/4/2015–2/28/2018.

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.

Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

Fang Li, Ph.D.

Assistant Professor, Mechanical Engineering

Passive, Wireless, High Temperature Embedded Sensor System for Rocket Propulsion Test Applications. X-wave Innovations, Inc. Subcontract No. 1036-1.

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.

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

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

Michael Nizich, Ph.D.

Director, Entrepreneurship & Technology Innovation Center

Cybersecurity Student Scholarship Application. National Security Agency, Department of Defense (DoD) Cybersecurity Scholarship Program (CySP). Subaward No. H98230-17-1-0377. Grant period 9/1/2017–12/31/2017. Principal Investigator.

Marta A. Panero, Ph.D.

Director of Strategic Partnerships, School of Engineering and Computing Sciences

Advanced Institute for Transportation Education (AITE) Graduate Scholarship Program—Fall 2016. Region II University Transportation Research Center (UTRC), Subaward No. 49198-08-28. Grant period 8/15/2016–5/31/2018. Principal Investigator.

Cybersecurity Student Scholarship Application. National Security Agency, Department of Defense (DoD) Cybersecurity Scholarship Program (CySP). Subaward No. H98230-17-1-0377. Grant period 9/1/2017–12/31/2017. 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.

Maryam Ravan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

Anand Santhanakrishnan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

James J. Scire, Ph.D.

Assistant Professor, Mechanical Engineering

Instrumentation Timing/Synchronization with a Low Temperature Turbine Rig [CLEEN2]. Advanced Fuel Research, Inc.

Instrumentation Timing/Synchronization with Turbine Engines [NexGen]. Advanced Fuel Research, Inc.

Jonathan Voris, Ph.D.

Assistant Professor, Computer Science

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

Evaluating Practical Considerations of Behavioral Biometrics for Mobile Devices, Northrop Grumman Faculty Mini-Grants. A *subdivision of the **Research and Education at NYIT's Cybersecurity Research Center** Grant awarded to Nada Anid, Babak Beheshti, Huanying Gu, and Ziqian Dong.*

VI. Grant Recipients—Internally Sponsored

Reza K. Amineh, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

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

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

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

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

Kiran S. Balagani, Ph.D.

Assistant Professor, Computer Science

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

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

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

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

Dorinamaria Carka, Ph.D.

Assistant Professor, Mechanical Engineering

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

Principal Investigator. ISRC Grant.

A Modeling Platform to Support the Design of Novel Energy Efficient Multiferroic Biomedical Devices.

Principal Investigator. ISRC Grant.

Sonali Chandel, MSIT

Instructor, Computer Science, Nanjing Campus

RANSOMWARE: Cyber World's New Terror

(Cause & Effects—A complete study from its origin to solution).

Principal Investigator. Global Faculty Summer Research & Creativity Grant (GFSRC)

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

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.

Rishabh Dudheria, Ph.D.

Assistant Professor, Electrical and Computer Engineering,
Nanjing Campus

Evaluating Anti-Phishing Effectiveness of Secure QR Code Scanners.

Global Faculty Summer Research and Creativity Grant (GFSRC).

Aydin Farajidavar, Ph.D.

Assistant Professor, Electrical and Computer Engineering

A Multi-Chanel Implantable System for Managing Gastric Disorders.

Principal Investigator. ISRC Grant.

A Novel Sensor for Simultaneous Measurement of Gastric Contractions and Bioelectrical Activities.

Principal Investigator. ISRC Grant.

Paolo Gasti, Ph.D.

Assistant Professor, Computer Science

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

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

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

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

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

Huanying Gu, Ph.D.

Associate Professor, Computer Science

Energy-Efficient Body Area Sensor Network for Nonintrusive
Freezing-of-Gait Study of Individuals with Parkinson's Disease.
Co-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.

Fang Li, Ph.D.

Assistant Professor, Mechanical Engineering

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

Micro-Engineered High-Sensitivity Surface Acoustic Wave Cell Sensor.
Principal Investigator. ISRC Grant.

Wenjia Li, Ph.D.

Assistant Professor, Computer Science

Enhancing Privacy of Users in Social Media.
Co-Principal Investigator. ISRC Grant.

Multilingual Multicultural Multimedia: Globally connected
Mobile Learning Projects.
Co-Principal Investigator. TLT Grant.

Development of LC/MS-Based Direct RNA Sequencing with
Concomitant Base-Calling and Modification Analysis Capability.
Co-Principal Investigator. ISRC Grant.

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

Towards Secure and Energy Efficient Routing for the Internet of Things.
Co-Principal Investigator. ISRC Grant.

Anand Santhanakrishnan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Enhancing Privacy of Users in Social Media.
Principal Investigator. ISRC Grant.

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

Towards Secure and Energy Efficient Routing for the Internet of Things.
Principal Investigator. ISRC Grant.

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

James J. Scire, Ph.D.

Assistant Professor, Mechanical Engineering

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

Experimental and Numerical Study of Droplet-Acoustic Interactions.
Principal Investigator. ISRC Grant.

Jonathan Voris, Ph.D.

Assistant Professor, Computer Science

Network Aware Defenses for Intrusion Recognition and Response (N.A.D.I.R.).
Principal Investigator. ISRC Grant.

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

School of Health Professions

I. Authors

Tobi A. Abramson, Ph.D.

Adjunct Assistant Professor, Interdisciplinary Health Sciences

Duroseau N., Abramson T., Pergament K., Chan V., Govindavari J.P., Ciraco C., Tegay D., Krishnamachari B. (2017). Acceptance of technology-based tools in a sample of Parkinson's patients. *Chronic Illness*, 13, 3–13. doi: 10.1177/1742395316653453.

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

Assistant Professor, Occupational Therapy

Austin-McCain M. (2017). An examination of the association of social media use with the satisfaction with daily routines and healthy lifestyle habits for undergraduate and graduate students. *The Open Journal of Occupational Therapy*, 5(4), Article 6, 1–13. doi: 10.15453/2168-6408.1327.

Sheldon D. Fields, Ph.D., RN, FNP-BC, AACRN, FAANP, FNAP, FAAN

Dean and Professor, School of Health Professions

Fields S.D. (2017, August 24). Both parties can agree on working to solve the looming nurse shortage. *The Hill.com*. Retrieved from <http://thehill.com/blogs/congress-blog/healthcare/347826-both-parties-can-agree-on-working-to-solve-the-looming-nurse>

Zhang Y., Clarke W., Marzinke M.A., Piwowar-Manning E., Beauchamp G., Breaud A., Hendrix C.W., Cloherty G.A., Emel L.M., Rose S., Hightow-Weidman L.B., Siegel M., Shoptaw S., Fields S.D., Wheeler D.P., Eshleman S.H. (2017). Evaluation of a multi-drug assay for monitoring adherence to a regimen for HIV pre-exposure prophylaxis in a clinical study (HIV Prevention Trials Network 073). *Antimicrobial Agents and Chemotherapy*, 61(7), e02743-16, 1–11. doi: 10.1128/AAC.02743-16.

Mark Gugliotti, PT, D.P.T., OCS, C.O.M.T.

Assistant Professor, Physical Therapy

Gugliotti M., Ingenito T., Douris P., Jung M.K., Asaro A., Epifania J., Garrick R., Kartsev G., Lin Y., Mathew B., Paul A. (2017). Examination of arterial stiffness and neurodynamics of middle-aged individuals: A pilot study. *Cardiopulmonary Physical Therapy Journal*, 28, 147–153. doi: 10.1097/CPT.000000000000067.

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

Professor, Physical Therapy

Handrakis J.P., Guan Z.N., Nulty J.W., Tascione O., Rosado-Rivera D., White D., Bang C., Spungen A., Bauman W.A. (2017). Effect of heat exposure on cognition in persons with tetraplegia. *Journal of Neurotrauma*, 34(24), 3372–3380. doi: 10.1089/neu.2016.4850.

Handrakis J.P., Rosado-Rivera D., Singh K., Swonger K., Azarelo F., Lombard A.T., Spungen A.M., Kirshblum S.C., Bauman W.A. (2017). Self-reported effects of cold temperature exposure in persons with tetraplegia. *Journal of Spinal Cord Medicine*, 40 (4), 389–395. doi: 10.1080/10790268.2016.1154670.

Handrakis J.P., Trbovich M., Hagen E.M., Price M. (pub. online December 6, 2017). Thermodyregulation in persons with spinal cord injury: Case series on use of the autonomic standards. *Spinal Cord Series and Cases*, 2017 (3), 17086. doi: 10.1038/s41394-017-0026-7.

Lorraine Mongiello, Dr.P.H., RDN, CDE, BC-ADM

Assistant Professor, Interdisciplinary Health Sciences

Hold B., Mongiello L. (2017). *Lose weight, find yourself! 6 steps to having a healthy relationship with food...bite by bite and pound by pound* (chapter 7). Retrieved from <http://www.loseweightfindyourself.com/>

Kristine Prazak, PA-C, M.S.

Assistant Professor, Physician Assistant Program

Prazak K. (2017). Introduction of virtual patient software to enhance physician assistant student knowledge in palliative medicine. *Journal of Allied Health*, 46(4), 71E–76E. Retrieved from <http://www.ingentaconnect.com/contentone/asahp/jah/2017/00000046/00000004/art00017#>

Veronica Southard, PT, DHSc, GCS

Associate Professor, Physical Therapy

Southard V., Rumba S., Schwartz I., Sparacino N., Weddingfeld K., Donoghue J. (2017). The effects of whole body periodic acceleration on non-motor symptoms in persons with Parkinson’s disease: A pilot study. *Journal of Novel Physiotherapy and Physical Rehabilitation*, 4(3), 77–82. doi: 10.17352/2455-5487.000052.

Southard V., Colletti A., Doulos E., Frere F.P., Mathew A., et al. (2017). Are there differences in energy consumption and distance ambulated in young healthy adults using canes? *Journal of Physiotherapy and Rehabilitation*, 1 (1): 1–3. Retrieved from https://www.scitechnol.com/peer-review/are-there-differences-in-energy-consumption-and-distance-ambulated-in-young-healthy-adults-using-canes-hfAb.php?article_id=6873

Lisa Sparacino, Ph.D., RN, CNE, CHSE

Assistant Professor, Nursing

Sparacino L., Diggle B.S. (2017). Reducing perceived stress through an orientation program for nursing students entering their first nursing course. *Journal of Nursing Education and Practice*, 7 (9), 54–60. doi: 10.5430/jnep.v7n9p54.

Pamela Treister, DNP, CNS, RN, CMSRN

Clinical Assistant Professor, Nursing

Treister P. (2017). Leadership, medication administration, and knowledge retention: A quality improvement project. *Journal of Educational Multimedia and Hypermedia*, 26(1), 89–99. Retrieved at <http://www.learntechlib.org/noaccess/174189/>

Treister P., Conboy R., Smittle L., Carter C., Lucarelli L., Kampa E. (2017). The financial impact of uncompensated care in the emergency department. *International Journal of Economy, Energy and Environment*, 2(6),104–108. doi: 10.11648/j.ijee.20170206.13.

William Werner, PT, Ed.D.

Associate Professor, Physical Therapy

DiFrancisco-Donoghue J., Jung M.K., Apoznanski T., Werner W.G., Yao S.C. (epub 2017). The reliability of the sensory organization test in Parkinson's disease to identify fall risk. *The International Journal of Neurologic Physical Therapy*, 2(5), 39–43. doi: 10.11648/j.ijnpt.20160205.11.

Corri Wolf, PA-C, M.S., RD

Associate Professor, Physician Assistant Studies

Hayes S., Wolf C., Labbé S., Peterson E., Murray S. (2017). Primary health care providers' roles and responsibilities: A qualitative exploration of 'who does what' in the treatment and management of persons affected by obesity. *Journal of Communication in Healthcare*, 10 (1), 47–54. doi: 10.1080/17538068.2016.1270874.

II. Presenters at Meetings

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

Douris P.C., Handrakis J.P. (2017, February). *The effects of aerobic exercise and gaming on cognitive performance in young adults*. Platform presentation at the Combined Section Meeting of the American Physical Therapy Association, San Antonio, Texas.

Douris P.C. (2017, February). *The immediate and long-term effects of Kinesiotape® on balance and functional performance*. Poster presented at the Combined Section Meeting of the American Physical Therapy Association, San Antonio, Texas.

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

Fields S.D. (2017, October). *Oral policy dialogue*. Presentation at the American Academy of Nursing 2017 Transforming Health, Driving Policy Conference, Washington, D.C. <http://www.aannet.org>

Fields S.D. (2017, December). *Long acting treatment and PrEP: HPTN083 & community engagement*. Oral presentation at the Biomedical HIV Prevention Summit, New Orleans, La. <https://www.biomedicalhivsummit.org/>

Wilton L., Nelson L.E., Beauchamp G., Magnus M., Shoptaw S., Hightow-Weidman L., Chen Y., Lucas J., Piwowar-Manning E., Hendrix C., Marzinke M., Mayer K.H., Fields S.D., Wheeler D. (2017, July). *Mental health vulnerabilities mediate effects of socio-cultural factors on PrEP initiation/non-initiation and adherence among Black MSM in 3 U.S. cities—HPTN 073 Study*. Poster presented at the 9th IAS Conference on HIV Science (IAS 2017), Paris, France. <https://www.ias2017.org/>

Wilton L., Nelson L.E., Beauchamp G., Magnus M., Shoptaw S., Hightow-Weidman L., Chen Y., Lucas J., Piwowar-Manning E., Hendrix C., Marzinke M., Mayer K.H., Fields S.D., Wheeler D. (2017, July). *Structural barriers and reasons why we are still failing to stop HIV in an era of effective pre-exposure prophylaxis (PrEP): a mixed-method study*. Poster presented at the 9th IAS Conference on HIV Science (IAS 2017), Paris, France. <https://www.ias2017.org/>

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

Gallagher R., Perez S., DeLuca D., Khoury J., Amir R., and Kurtzer I. (2017, November). *Reaching from a crouched posture involves an anticipatory weight shift between the hands*. Poster presented at the American Society of Neurorehabilitation Annual Meeting, Baltimore, Md. <https://www.asnr.com/files/2017%20Annual%20Meeting/asnr%202017%20programFINAL.pdf>

Mark Gugliotti, PT, D.P.T., OCS, C.O.M.T.

Assistant Professor, Physical Therapy

Gugliotti M., Ingenito T., Douris P., Jung M.K., Asaro A., Epifania J., Garrick R., Kartsev G., Lin Y., Mathew B., Paul A. (2017, February). *Examination of arterial stiffness and Neurodynamics of middle-aged individuals: A pilot study*. Poster session presented at the American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas. http://www.apta.org/uploadedFiles/APTAorg/National_Conferences/CSM/Programming/CSM2017Programming.pdf

Gugliotti M., Douris P., Handrakis J., Shacklock M., Asaro A., Garrick R., Kartsev G., Lin Y. (2017, February). *Characteristics, distribution, and behavior of sensory responses of the straight leg raise test in asymptomatic individuals*. Poster session presented at the American Physical Therapy Association Combined Sections Meeting, San Antonio, Texas. http://www.apta.org/uploadedFiles/APTAorg/National_Conferences/CSM/Programming/CSM2017Programming.pdf

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

Professor, Physical Therapy

Douris P.C., Handrakis J.P. (2017, February). *The effects of aerobic exercise and gaming on cognitive performance in young adults*. Platform presentation at the Combined Section Meeting of the American Physical Therapy Association, San Antonio, Texas.

Handrakis J.P., Tittley T.D., Tascione O.F., Bart J., Barton C., Spungen A.M., Bauman W.A. (2017, April). *Heat exposure improves cognitive performance in persons with higher levels of spinal cord injury*. Platform presentation at the Annual Experimental Biology Conference, Chicago. <http://experimentalbiology.org/PDFS/2017/2017-EB-Program.aspx>

Tittley T.D., Tascione O.F., Bart J., Barton C., Cirmigliaro C.M., Spungen A.M., Kirshblum S.C., Bauman W.A., Handrakis J.P. (2017, April). *Seasonal heat exposure in persons with spinal cord injury: Self-reported effects*. Poster session presented at the Annual Scientific Meeting of the American Spinal Injury Association (ASIA), Albuquerque, N.M. <http://www2.asia-spinalinjury.org/meetings/2017/guide/posters/uploads/168--P-7.pdf>

Lorraine Mongiello, Dr.P.H., RDN, CDE, BC-ADM

Assistant Professor, Interdisciplinary Health Sciences

Mongiello L. (2017, February). *Exercise for preventing and treating diabetes*. Presentation at Rockefeller Auditorium, NYIT-Old Westbury, Old Westbury, N.Y.

Mongiello L. (2017, August). *Diabetes risk perception among multiracial college students*. Poster session presented at the American Association of Diabetes Educators Annual Conference, Indianapolis, Ind. www.aade17.org

Mongiello L. (2017, October). *Making the healthy choice the easy choice on campus*. Platform presentation at the Association of Schools of Allied Health Professions Annual Conference, San Antonio, Texas. www.asahp.org

Mongiello L. (2017, November). *Asian American college students underestimate their risk of diabetes*. Poster session presented at the American Public Health Association Annual Meeting & Expo (APHA 2017), Atlanta, Ga. www.apha.org

Mongiello L. (2017, November). *Preventing diabetes: Making the healthy choice the easy choice on campus*. Poster session presented at the American Public Health Association Annual Meeting & Expo (APHA 2017), Atlanta, Ga. www.apha.org

Veronica Southard, PT, DHSc, GCS

Associate Professor, Physical Therapy

Southard V., Rumba S., Schwartz I., Sparacino N., Weddingfeld K., Donoghue J. (2017, July). *Does whole-body periodic acceleration reduce non-motor symptoms in persons with Parkinson's disease?* Paper presented at the 21st International Association of Gerontology and Geriatrics (IAGG) World Congress on Global Aging and Health: Bridging Science, Policy and Practice, San Francisco, Calif.

Tuite S., Hassan S., Pineda J., Aksanov A., Southard V., DiFrancisco-Donoghue J. (2017, October). *The comparison of two popular activity trackers in a Parkinson's disease population*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117 (11), e101. doi: 10.7556/jaoa.2016.141.

William Werner, PT, Ed.D.

Associate Professor, Physical Therapy

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, May–June). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the American College of Sports Medicine 64th Annual Meeting, Colorado Convention Center, Denver, Colo. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., DiFrancisco-Donoghue J. (2017, April). *FIT-PHYSICIAN: An interdisciplinary approach to promoting physical activity in medical students utilizing activity trackers*. Poster presented at the Joint American Association of Colleges of Osteopathic Medicine (AACOM) & Association of Osteopathic Directors & Medical Educators (AODME) Annual Conference, Baltimore, Md. *Medicine & Science in Sports & Exercise*, 49(5S), 494. doi: 10.1249/01.mss.0000518253.56915.78.

Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Abstract & Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. 2nd place winner, *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

III. Honorees and Awardees

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

Trailblazer Award from the National Black Nurses Association, Inc. 45th Annual Institute and Conference, Las Vegas, Nev. www.nbna.org

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

Awarded 2nd Place in the Poster Competition. Tittley T.D., Tascione O.F., Bart J., Barton C., Cirmigliaro C.M., Spungen A.M., Kirshblum S.C., Bauman W.A, Handrakis J.P. (2017, April). *Seasonal heat exposure in persons with spinal cord injury: Self-reported effects*. Poster session presented at the Annual Scientific Meeting of the American Spinal Injury Association (ASIA), Albuquerque, N.M. <http://www2.asia-spinalinjury.org/meetings/2017/guide/posters/uploads/168--P-7.pdf>

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

2nd place poster competition, Stangle A., Balentine J., Jung M.K., Werner W.G., Zwibel H., Happel P., Donoghue-DiFrancisco J. (2017, October). *FIT-PHYSICIAN: The use of wearable technology combined with physical activity education in medical students: A randomized clinical trial*. Poster presented at the 60th Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference & Exposition (OMED2017), Philadelphia, Pa. *Journal of the American Osteopathic Association*, 117(11), e112. doi: 10.7556/jaoa.2016.141.

IV. Grant Recipients—Externally Sponsored

Karen Friel, PT, D.H.S.

Professor and Chairperson, Physical Therapy

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

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

Professor, Physical Therapy

Effect of Heat Exposure on Cognition in Persons with Tetraplegia. VA Rehabilitation Research and Development Service, Small Projects in Rehabilitation Research (SPiRE); Award No. 121RX001734. Principal Investigator. June 1, 2015–May 31, 2017.

Mindy Haar, Ph.D., RD, CDN

Director, Academic Management, Interdisciplinary Health Sciences

A Living Laboratory for Nutrition Education. Allen Foundation Inc.

**Lorraine Mongiello, Dr.P.H., RDN,
CDE, BC-ADM**

Assistant Professor, Interdisciplinary Health Sciences

A Living Laboratory for Nutrition Education. Allen Foundation Inc.

V. Grant Recipients—Internally Sponsored

Michelle Farella-Accurso, PT, D.P.T.

Physical Therapist, Academic Health Care Center

The Relationship Between Cognition and Balance Using the Montreal Cognitive Assessment and the MiniBESTest in Parkinson's Disease.
Co-Principal Investigator. ISRC Grant.

Anoma Zehra Ahmed, PA-C, MBBS
Assistant Professor and Chairperson, Physician
Assistant Studies

Communities on the Move: Partnering for Wellness and Empowerment.
Co-Principal Investigator. ISRC Grant.

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

Communities on the Move: Partnering for Wellness and Empowerment.
Principal Investigator. ISRC Grant.

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

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

The Relationship Between Cognition and Balance Using the Montreal
Cognitive Assessment and the MiniBESTest in Parkinson's Disease.
Principal Investigator. ISRC Grant.

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

Eric Greenberg, PT, D.P.T., SCS, CSCS
Assistant Professor, Physical Therapy

Comparison of Running Mechanics With and Without the Use of a
Specialized Belt System in a Group of Healthy Runners.
Principal Investigator. ISRC Grant.

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

Lumbar Spinal Palpation Simulator.
Principal Investigator. TLT Grant.

Mindy Haar, Ph.D., RD, CDN

Director, Academic Management, Interdisciplinary
Health Sciences

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

Veronica Southard, PT, DHSc, GCS

Associate Professor, Physical Therapy

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

William Werner, PT, 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.

“Wherever smart
people work, doors
are unlocked.”

—Steve Wozniak

School of
Interdisciplinary
Studies and
Education

I. Authors

Daniel Cinotti, Ph.D.

Assistant Professor, School Counseling

Springer S., Cinotti D., Cannella A., Gordillo F., Moss L., Salim K. (2017). Fostering school counselor self-efficacy through preparation and practice. *VISTAS Online*, pp. 1–26. Retrieved from <http://www.counseling.org/docs/default-source/vistas/school-counselor-self-efficacy.pdf?sfvrsn=4>

Carol A. Dahir, Ed.D.

Adjunct Professor and Chairperson, School Counseling

Yavus O., Dahir C., Cayirdag N., Gumuseli A. (2017). Improving student achievement through strengthening principal and school counselor partnership. *International Journal of Educational Reform*, 26(2), 176–201.

Yavuz O., Dahir C., Gumuseli A. (2017). School principal perceptions of the school counselor's role: Traditional or transformed? *Journal of Educational Leadership, Policy and Practice*, 32(2), 81–97.

Hui-Yin Hsu, Ph.D.

Professor and Chairperson, Teacher Education

Hsu H.-Y., Wang S.-K. (2018, Released November 2017). Gaming literacies and learning. In M.N. Yildiz, S.S. Funk, & B.S. De Abreu (Eds.). *Promoting Global Competencies Through Media Literacy*, chapter 5, Hershey, Pa.: IGI Global. doi: 10.4018/978-1-5225-3082-4.

Hsu H.-Y., Wang S.-K. (2017). Rethinking language learning: Using audioblogs with ELs. *Literacy Today*, November/December Issue, 2017. <https://www.literacyworldwide.org>

Hsu H.-Y., Wang S.-K. (2017). Using google forms to collect and analyze data. *Science Scope*, 40(8), 64–67.

Hsu H.-Y., Wang S.-K., Coster D. (2017). New literacy implementation: The impact of professional development on middle school students' science learning. *International Journal of Information and Communication Technology Education*, 13(3), 53–72.

Wang S.-K., Hsu H.-Y. (2017). A design-based research capturing science teachers' practices of information and communication technologies (ICTs) integration using the new literacy framework. *Journal of Computers in Mathematics and Science Teaching*, 36(4), 387–396. Retrieved from <https://www.learnlib.org/p/178282/>

Jim Martinez, Ph.D.

Associate Professor, Interdisciplinary Studies

Martinez J.E. (2017). *The Search for Method in STEAM Education*. New York City: Palgrave Macmillan.

Christian Pongratz, M.Arch

Professor, Architecture & Interdisciplinary Studies;
Interim Dean

Cunningham S., Gong J., Milam R., Monte M., Peasley R., Pongratz C., Raddick R., Wong A. (2017). Texas Liberator Project, Design of digital book and interactive webpage and teaching app about Texas Liberators. *Texas Commission on Holocaust and Genocide*. Retrieved from <http://texasliberators.org>

Pongratz C.R. (2017). Foreword. In Fallacara G. *Architectural Stone Elements: Research Design Fabrication*. Paris: Les Presses des Ponts. <http://www.presses-des-ponts.fr/notre-librairie/348-architectural-stone-elements--research-design-and-fabrication.html>

Pongratz C.R. (2017). Book introduction. In Barberio M., Colella M., Fallacara G. *Mater(i)a*, New Fundamentals, DICAR, Politecnico di Bari, IT, La Stamperia Edizioni.

Megyn Shea, Ph.D.

Assistant Professor, School Counseling

Shea M., Curry J. (2017). Post-Secondary Academic Career Conversations. *American School Counseling Association & Colorado Department of Education*. Retrieved from <https://www.schoolcounselor.org/asca/media/asca/Publications/PostsecondaryAcademicCareerConversations.pdf>

Curry J., Shea M. (2017). Business and Industry Partner Career Conversations. *American School Counseling Association & Colorado Department of Education*. Retrieved from <https://www.schoolcounselor.org/asca/media/asca/Publications/EmployerCareerConversations.pdf>

Shiang-Kwei Wang, Ph.D.

Professor, Teacher Education and Masters Instructional
Technology; Associate Dean

Hsu H.-Y., Wang S.-K. (2018, Released November 2017). Gaming literacies and learning. In M.N. Yildiz, S.S. Funk, & B.S. De Abreu (Eds.). *Promoting Global Competencies Through Media Literacy*, chapter 5, Hershey, Pa.: IGI Global. doi: 10.4018/978-1-5225-3082-4.

Hsu H.-Y., Wang S.-K. (2017). Rethinking language learning: Using audioblogs with ELs. *Literacy Today*, November/December Issue, 2017. <https://www.literacyworldwide.org>

Hsu H.-Y., Wang S.-K. (2017). Using google forms to collect and analyze data. *Science Scope*, 40(8), 64–67.

Hsu H.-Y., Wang S.-K., Coster D. (2017). New literacy implementation: The impact of professional development on middle school students' science learning. *International Journal of Information and Communication Technology Education*, 13(3), 53–72.

Wang S.-K., Hsu H.-Y. (2017). A design-based research capturing science teachers' practices of information and communication technologies (ICTs) integration using the new literacy framework. *Journal of Computers in Mathematics and Science Teaching*, 36(4), 387–396. Retrieved from <https://www.learntechlib.org/p/178282/>

Melda N. Yildiz, Ed.D.

Associate Professor, Chairperson, MSIT, Masters
Instructional Technology

Yildiz M., Funk S.S., De Abreu B.S. (2018, Released November 2017). *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

Daniel Cinotti, Ph.D.

Assistant Professor, School Counseling

Cinotti D., Grant K., Springer S. (2017, March). *Promoting the role of the school counselor in bullying prevention and intervention*. Presentation at the American Counseling Association (ACA) Conference & Expo, San Francisco, Calif.

Eberts S., Oliver B., Lenares-Solomon D., Cinotti D. (2017, March). *A tale of two worlds: The school counselor and the school counselor educator*. Presidential session at the American Counseling Association (ACA) Conference & Expo, San Francisco, Calif.

Eberts S., Oliver B., Lenares-Solomon D., Cinotti D. (2017, March). *Establishing counselor identity: Teaching in school counseling programs*. Presidential session at the ACA Conference & Expo in San Francisco, Calif.

Kendrick E., Cinotti D., Goldstein L. (2017, October). *Counselor consultation: Significant opportunities beyond traditional counseling roles*. Presentation at the Association for Counselor Education and Supervision (ACES) National Conference in Chicago, Ill.

Carol A. Dahir, Ed.D.

Adjunct Professor and Chairperson, School Counseling

Dahir C. (2017, March). *Social Justice: The Pathway to Comprehensive School Counseling*. Presentation at the 13th Annual School Counselors' Conference, United Federation of Teachers, New York City.

Dahir C. (2017, March). *Disrupting Inequity*. Keynote speaker at the Fifth Annual Evidence Based School Counseling Conference, San Diego, Calif.

Dahir C. (2017, March). *Evidence, Evaluation, and All of the Elements of Good Practice*. Fifth Annual Evidence Based School Counseling Conference, San Diego, Calif.

Dahir C., Nesbitt-Perez S. (2017, April). *Changing Beliefs & Shifting Perceptions*. Presentation at the Annual Meeting of the American Educational Research Association, San Antonio, Texas.

Dahir C. (2017, November). *Unpacking the New NYSED School Counseling Regulations*. Presentation at the Annual Meeting of the New York State School Counselor Association, Syracuse, N.Y.

Owen L., Dahir C., Oliver B. (2017, July). *Collaboration: Moving From Talk to Action*. Presentation at the Annual Meeting of the American School Counselor Association, Denver, Colo.

Hui-Yin Hsu, Ph.D.

Associate Professor and Chairperson, Teacher Education

Hsu H.-Y., Wang S.-K. (2017, April). *The Impact of New Literacy Practices Professional Development on Students' Reading and Science*. Paper presented at the Annual Conference of the American Educational Research Association, San Antonio, Texas.

Christian Pongratz, M.Arch.

Professor, Architecture & Interdisciplinary Studies;
Interim Dean

Pongratz C. (2017). *Stach Studio, Highrise projects west side NYC*. Visiting critic at the College of Architecture and the Built Environment, Philadelphia University, Philadelphia, Pa.

Megyn Shea, Ph.D.

Assistant Professor, School Counseling

Shea M. (2017, February). *Part 1: First Steps to Creating Your School Counseling Plan*. Led a half day workshop at the United Federation of Teachers, New York City.

Shea M. (2017, March). *Evaluating Career Conversations*. Presentation at the Evidence Based School Counseling Conference, San Diego, Calif.

Shea M. (2017, May). *Part 2: First Steps to Creating Your School Counseling Plan*. Led a half day workshop at the United Federation of Teachers, New York City.

Shea M., Coogan T., Kozac K. (2017, July). *Supervision Training in School Counselor Education Programs*. Presentation at the Annual Meeting of the American School Counselor Association, Denver, Colo.

Curry J., Shea M., Pugh E. (2017, July). *ASCA/CO Career Connection*. Led a half day workshop at the annual meeting of the American School Counselor Association, Denver, Colo.

Curry J., Shea M. (2017, September). *Career Conversations to Promote Academic and Career Learning*. Webinar prepared for the American School Counseling Association Webinar Series. <https://www.schoolcounselor.org/school-counselors/professional-development/2017-webinar-series/webinar-learn-more-pages/career-conversations-to-promote-academic-career>

Shea M., Curry J. (2017, September). *Career Conversations with Parents*. Webinar prepared for the American School Counseling Webinar Series.

Shiang-Kwei Wang, Ph.D.

Professor, Teacher Education and Masters Instructional
Technology; Associate Dean

Hsu H.-Y., Wang S.-K. (2017, April). *The Impact of New Literacy Practices Professional Development on Students' Reading and Science*. Paper presented at the 2017 Annual Conference of the American Educational Research Association, San Antonio, Texas.

Melda N. Yildiz, Ed.D.

Associate Professor and Chairperson, MSIT, Masters
Instructional Technology

Yildiz M. (2017, March). *Engineering innovative transdisciplinary projects: Gallery walk*. Paper presented at the Society for Information Technology & Teacher Education International Conference, Austin, Texas. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 936–940), Chesapeake, Va: Association for the Advancement of Computing in Education (AACE). <http://www.learntechlib.org/p/177839>

Yildiz M. (2017, March). *Multilingual multicultural multimedia: Promoting transdisciplinary and inclusive projects through virtual and augmented reality*. Paper presented at the Society for Information Technology & Teacher Education International Conference, Austin, Texas. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 2529–2537), Chesapeake, Va: Association for the Advancement of Computing in Education (AACE). <http://www.learntechlib.org/p/177840>

Yildiz M. (2017, March). *Rethinking assessment and evaluation: Different countries similar issues*. Paper presented at the Society for Information Technology & Teacher Education International Conference, Austin, Texas. In P. Resta & S. Smith (Eds.), *Proceedings of Society for Information Technology & Teacher Education International Conference 2017* (pp. 1215–1223), Chesapeake, Va: Association for the Advancement of Computing in Education (AACE). <http://www.learntechlib.org/p/177838>

Yildiz M.N. (2017, October 25–27). *MIL revolutionizing the learning process*. Refereed panel presented at the Global Media and Information Literacy Week 2017. Media and Information Literacy in Critical Times: Re-imagining Ways of Learning and Information Environments. UNESCO. Kingston, Jamaica.

III. Grant Recipients—Externally Sponsored

Jim Martinez, Ph.D.

Associate Professor, 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.

Christian Pongratz, M.Arch.

Professor, Architecture & Interdisciplinary Studies;
Interim Dean

Strategy and Group lead for Robotic Matter Design Group. Fabrication and Automation Pilot Project sponsored by the Texas Tech Transdisciplinary Academy (TTUTRAA).

Texas Liberator Book Project, Cunningham S., Gong J., Milam R., Monte M., Peasley R., P.I. Architecture Pongratz C., Raddick R., Wong A. Lead P.I. Architecture, Texas Commission on Holocaust and Genocide 2016–2017.

Stan Silverman, M.S.

Professor, Instructional Technology
Director, Technology-Based Learning Systems

Academic Professional Services Agreement. Yonkers Public Schools. NYIT Science and Technology Entry Program (STEP) 2015–2020. New York State Education Department. No. C402608.

Professional Development for Instructional Technology. New York City Department of Education. MTAC R1077; Professional Development for Instructional Technology, DOE/State Contract # QR077AJ.

IV. Grant Recipients—Internally Sponsored

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.

Daniel Cinotti, Ph.D.

Assistant Professor, School Counseling

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

Minaz Fazal, Ph.D.

Assistant Professor, Teacher Education Program

Young Writers' Partnership-Increasing Writing Achievement.
Principal Investigator. ISRC Grant.

Hui-Yin Hsu, Ph.D.

Professor and Chairperson, Teacher Education

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

Jim Martinez, Ph.D.

Associate Professor, 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.

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.

Ann-Marie Parkes, Ed.D.

Assistant Professor, Program Coordinator, Masters Instructional
Technology for Educators, Abu Dhabi Campus

Developing Teaching Practices in Global Online Communities.
Co-Principal Investigator. ISRC Grant.

Christian Pongratz, M.Arch.

Professor, Architecture & Interdisciplinary Studies;
Interim Dean

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.

Sarah McPherson, Ph.D.

Adjunct Associate Professor, Masters Instructional Technology

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

Michael Uttendorfer, Ed.D.

Associate Professor, Masters Instructional Technology

Multilingual Multicultural Multimedia: Globally Connected
Mobile Learning Projects.
Co-Principal Investigator. TLT 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.

Shiang-Kwei Wang, Ph.D.

Professor, Teacher Education and Masters Instructional
Technology; Associate Dean

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

Melda N. Yildiz, Ed.D.

Associate Professor, Chairperson, MSIT,
Masters Instructional Technology

Multilingual Multicultural Multimedia: Globally Connected
Mobile Learning Projects.
Principal Investigator. TLT Grant.

“Whatever good things we build end up building us.”

—Jim Rohn

School of Management

I. Authors

Joshua E. Bienstock, J.D., L.L.M.

Assistant Professor, Law

Bienstock J. (2017). Managing employee speech on social media to protect reputation and brand: Overcoming the legal constraints established by the NLRB. *International Journal of Business Strategy*, 17(2), 23–32. doi: 10.18374/IJBS-17-2.3.

Mittal R., Bienstock J., Kroumova M. (2017). Surviving the challenges of competing demands: A model to explore the impact of personality and boundary management on work-life conflict. *Journal of International Management Studies*, 17(2), 49–56. doi: 10.18374/JIMS-17-2.6.

Ragab D., Bienstock J., Swid A. (2017). International students' adjustment to U.S. universities: A cultural approach. *Review of Business Research*, 17(1), 23–30. doi: 10.18374/RBR-17-1.3.

Deborah Y. Cohn, Ph.D.

Associate Professor, Marketing

Vaccaro V.L., Yucetepe V., Cohn D.Y., Dunne J.H. (2017). Pleasant music's relationship to congruence, consumer behavioral intentions, unplanned purchase, and time spent in retail and service environments. *Journal of International Management Studies*, 17(2), 35–48. Retrieved from <http://dx.doi.org/10.18374/JIMS-17-2.5>

Petra F.A. Dilling, Ph.D.

Associate Professor, Accounting, Vancouver Campus

Harris P., Dilling P. (2017). Case study: Consolidated balance sheet at date of purchase. *Journal of Business Case Studies*, 13(1), 1–4. doi: 10.19030/jbcs.v13i1.9856

Peter Harris, M.B.A., CFA, CPA, CMA, CIA

Professor, Accounting

Harris P. (2017). New lease rules: The financial reporting and economic impact and recommendations for the construction industry. *Construction Accounting and Taxation*, November/December, 14–24.

Harris P. (2017). The positive outlook of the last in first out inventory methods, The Clute Institute. No. 6057. *Journal of Business & Economics Research*, 15(1), 1–4. doi: 10.19030/jber.v15i1.9852.

Harris P. (2017). The present and future outlook of the last in first out (LIFO) inventory method. *E-Leader International Journal*, 12(2), 1–6. Retrieved from <http://www.g-casa.com/conferences/berlin17/pdf%20paper/Harris.pdf>

Harris P., Dilling P. (2017). Case study: Consolidated balance sheet at date of purchase. *Journal of Business Case Studies*, 13(1), 1–4. doi: 10.19030/jbcs.v13i1.9856.

Harris P., Kinkela K., Arnold L.W., Liu M. (2017). Corporate accounting malfeasance and financial reporting restatements in the post-Sarbanes-Oxley era. *Review of Business & Finance Studies*, 8(1), 41–48. Retrieved from https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3028269

Harris P., Kohn S. (2017). Cyber-illiterate manager—it does not have to be. *The Academy of Taiwan Business Management*, April/May. Retrieved from http://www.jtiba.com/group-issues_paper.php?n=17

Harris P., Stahlin W. (2017). US GAAP to IFRS income conversion case study: An examination of SEC noted accounting differences. *The Accounting Educators Journal*, XXVII, 43–73. Retrieved from <http://www.aejournal.com/ojs/index.php/aej/article/view/302/181>

Colleen P. Kirk, D.P.S.

Assistant Professor, Marketing

Konheim-Kalkstein Y.L., Kirk C.P., Berish K., Galotti K.M. (2017). Owning the birth experience: What factors influence women’s vaginal birth after caesarean decision? *Journal of Reproductive and Infant Psychology*, 35(4), 410–422. doi: 10.1080/02646838.2017.1320365.

Kirk C.P. (2017). When good fences make good customers: Exploring psychological ownership and territoriality in marketing. In C. Olckers L., van Zyl, & L. van der Vaart (Eds.), *Theoretical Orientations and Practical Applications of Psychological Ownership*, Chapter 8. Springer International Publishing. doi: 10.1007/978-3-319-70247-6.

Frank T. Lorne, Ph.D.

Professor, Economics, Vancouver Campus

Lorne F.T. (2017). An evolutionary approach to market adoption of I-o-T. *Advances in Engineering Research*, 94, 495–497. doi: 10.2991/icsd-16.2017.108.

Lorne F.T. (2017). Modern capital theory: Foundation for macroeconomics. White paper for Bloomberg Marketing Concept, *Bloomberg for Education*. Retrieved from https://data.bloomberglp.com/professional/sites/10/WhitePaper_NYIT_ModernCapitalTheory.pdf

Majid Davoodi Makinejad, Ph.D.

Associate Professor, Production and Operations Management, Vancouver Campus

Makinejad M.D. (2017). A new prosthetic alignment device to read and record prosthesis alignment data. *Proceedings of the Institution of Mechanical Engineers Part H: Journal of Engineering in Medicine*, 231(12), 1127–1132. doi: 10.1177/0954411917735082.

Purushottam L. Meena, Ph.D.

Associate Professor, Operations Management

Katiyar R., Barua M.K. Meena, P.L.* (2017, epub ahead of print). 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. (2017, epub ahead of print). Impact of sustainability and manufacturing practices on supply chain performance: Findings from PLS and AHP. *International Journal of Production Economics*. doi: 10.1016/j.ijpe.2017.12.007.

Kumar G., Banerjee R.N., Meena P.L., Ganguly K.K. (2017). Joint planning and problem-solving roles in supply chain collaboration. *IIMB Management Review*, 29(1), 45–57. doi: 10.1016/j.iimb.2017.03.001.

Tibrewala R., Tibrewala R. and Meena P.L.* (2017, epub ahead of print). Buyback policy for supply chain coordination: A simple rule. *International Journal of Operational Research*. doi: 10.1504/IJOR.2018.10009394. Retrieved from https://www.researchgate.net/publication/279533116_Buy-back_Policy_for_Supply_Chain_Coordination_A_Simple_Rule

(*) = corresponding author

Amr Swid, Ph.D.

Assistant Professor, Management

Swid A. (2017). Social media advertising: A user's personality approach. *Journal of International Management Studies*, 17(2), 57–62. doi: 10.18374/JIMS-17-2.7.

Ragab D., Bienstock J., Swid A. (2017). International students' adjustment to U.S. universities: A cultural approach. *Review of Business Research*, 17(1), 23–30. doi: 10.18374/RBR-17-1.3.

Rajendra Tibrewala, Ph.D.

Professor and Chairperson, Operations Management and Management

Katiyar R., Meena P.L., Barua M.K., Tibrewala R., Kumar G. (2017, epub ahead of print). Impact of sustainability and manufacturing practices on supply chain performance: Findings from PLS and AHP. *International Journal of Production Economics*. doi: 10.1016/j.ijpe.2017.12.007.

II. Presenters at Meetings

Joshua E. Bienstock, J.D., L.L.M.

Assistant Professor, Law

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

Bienstock J.E., Cohn D.Y. (2017, August). *Decision heuristics related to workplace relationship management on social media*. Speaker at the European Association for Decision Making, 26th Subjective Probability, Utility, and Decision Making Conference (SPUDM26), at the Technion Institute of Technology, Haifa, Israel.

Bienstock J., Swid A. (2017, March). *International students' adjustment to U.S. universities: Utilizing a campus mediation approach*. Paper presented at the 24th Annual American Society of Business and Behavioral Sciences (ASBBS) Conference, Las Vegas, Nev.

Mittal R., Bienstock J., Kroumova M. (2017, October). *Surviving the challenges of competing demands: A model to explore the impact of personality and boundary management on work-life conflict*. Paper presented at the International Academy of Business and Economics Conference, NYIT-Manhattan, New York City. *Journal of International Management Studies*, 17(2), 49–56. doi: 10.18374/JIMS-17-2.6.

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

Swid A., Bienstock J. (2017, March). *International students' adjustment to U.S. universities: A personality approach*. Paper presented at the 6th International Conference on Innovational Challenges in Social Sciences, Humanities, Management and Business Studies (ICSHMB), Villa Blanca, Casablanca, Morocco.

Muthuraj B., Mittal R., Bienstock J., Patel N. (2017, November). *Total quality management and restaurant performance: An empirical study*. Presentation at the Decision Sciences Institute (DSI) 2017 Annual Meeting, Washington Hilton, Washington, D.C.

Deborah Y. Cohn, Ph.D.

Associate Professor, Marketing

Bienstock J.E., Cohn D.Y. (2017, August). *Decision heuristics related to workplace relationship management on social media*. Speaker at the European Association for Decision Making 26th Subjective Probability, Utility, and Decision Making Conference (SPUDM26), at the Technion Institute of Technology, Haifa, Israel.

Vaccaro V.L., Yucetepe V., Cohn D.Y., Dunne J.H. (2017, October). *Pleasant music's relationship to congruence, consumer behavioral intentions, unplanned purchase, and time spent in retail and service environments*. Paper presented at the International Academy of Business and Economics 2017 Annual Conference, NYIT Manhattan Campus, New York, N.Y.

Peter Harris, M.B.A., CFA, CPA, CMA, CIA

Professor, Accounting

Harris P. (2017, January). *The future of LIFO*. Paper presented at the Institute of Business and Finance Research Conference, Las Vegas, Nev. In *Global Conference on Business and Finance Proceedings*, 12(2), 180–184. Retrieved from <http://www.theibfr.com/ARCHIVE/ISSN-1941-9589-V12-N2-2017.pdf>

Harris P., Pathak J. (2017, May). *Should you keep away from the US stock market?* Paper presented at the Institute of Business and Finance, Global Conference on Business and Finance (GCBF), San Jose, Costa Rica. <http://ibac-conference.org/BAI2017/>

Harris P. (2017, July). *The present and future outlook of the last in first out (LIFO) inventory method*. Paper presented at the Chinese American Scholars Association (CASA). *E-Leader International Journal*, 12(2), 1–6. Retrieved from <http://www.g-casa.com/conferences/berlin17/pdf%20paper/Harris.pdf>

Harris P. Pathak J. (2017, July). *Inventory valuation: The new lower of cost or market rules*. Paper presented at the International Conference on Business and Information (BAI), Hiroshima, Japan. <http://ibac-conference.org/BAI2017/>

Harris P. (2017, August). *A case study: The new lease accounting rules and its financial implications*. Paper presented at the International Conference on Economy Finance & Business (ICEFB), Osaka, Japan. <http://science-techs.org/icefb/>

Colleen P. Kirk, D.P.S.

Assistant Professor, Marketing

Kirk C.P., Peck J., Swain S.D. (2017, February). *Hey, That's Mine! The effect of others' psychological ownership signals on consumers' territorial responses*. Paper presented at the Society for Consumer Psychology Annual Conference, San Francisco, Calif.

Kirk C.P., Peck J., Swain S.D. (2017, June). *Back Off! Consumers' emotional and territorial responses to perceived infringements of psychologically-owned targets*. Paper presented at Boutique Conference of Society for Consumer Psychology, Columbia University, New York City.

Kirk C.P., Peck J., Swain S.D. (2017, October). *When and how consumers defend their psychological possessions*. Paper presented at the Association for Consumer Research Annual Conference, San Diego, Calif.

Purushottam L. Meena, Ph.D.

Associate Professor, Operations Management

Meena P.L., Swid A. (2017, March). *Print vs. digital strategy for McGraw Hill Higher Education*. Corporate Challenge Case Study, School of Management, NYIT-Old Westbury Campus, Old Westbury, N.Y.

Dahane M., Sahnoun M., Bettayeb B., Kim T., Meena P.L. (2017, April). *Recent trends in maintenance, production, and quality*. Invited session at the 4th IEEE International Conference on Control, Decision and Information Technologies, Barcelona, Spain. <http://codit2017.com/Special%20Sessions/Special-Session-CoDIT2017-Maintenance-Quality.pdf>

Kumar G., Meena P.L. (2017, May). *Supply chain collaboration framework as internal and external focused functional areas: An implementation perspective*. Paper presented at the Global Operations: Emerging Horizons, Social Good, and Technology, 28th Annual Production and Operations Management Society (POMS) Conference, Seattle, Wash. <https://www.pomsmeetings.org/EventsNet/evNet/evNetSessBrowse/BrowseAbs.aspx?pr=1&ev=73>

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Tibrewala R., Meena P.L. (2017, May). *Buyback and risk sharing contracts to mitigate the supply and demand disruption risks*. Paper presented at the Global Operations: Emerging Horizons, Social Good, and Technology, 28th Annual Production and Operations Management Society (POMS) Conference, Seattle, Wash. <https://www.pomsmeetings.org/EventsNet/evNet/evNetSessBrowse/BrowseAbs.aspx?pr=1&ev=73>

Dahane M., Sahnoun M., Bettayeb B., Kim T., Meena P.L. (2017, October). *New trends of optimization and simulation in maintenance, production and quality*. Invited session at the 7th International Conference on Industrial Engineering and Systems Management, Saarbrücken, Germany. <http://www.iesm17.org/special-sessions/>

Meena P.L. (2017, December). *Global supply chain network design: Real options and approximate dynamic programming approach*. Keynote Speaker at the 11th ISDSI International Conference, Indian Institute of Management, Tiruchirappalli, India. http://www.dsiindia.org/10th_isdsi_key_speakers

Rakesh Mittal, Ph.D.

Assistant Professor, Human Resource Management

Muthuraj B., Mittal R., Bienstock J., Patel N. (2017, November). *Total quality management and restaurant performance: An empirical study*. Presentation at the Decision Sciences Institute (DSI) 2017 Annual Meeting, Washington Hilton, Washington, D.C.

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Muthuraj B., Mittal R., Bienstock J., Patel N. (2017, November). *Total quality management and restaurant performance: An empirical study*. Presentation at the Decision Sciences Institute (DSI) 2017 Annual Meeting, Washington Hilton, Washington, D.C.

Amr Swid, Ph.D.

Assistant Professor, Management

Bienstock J., Swid A. (2017, March). *International students' adjustment to U.S. universities: Utilizing a campus mediation approach*. Paper presented at the 24th Annual American Society of Business and Behavioral Sciences (ASBBS) Conference, Las Vegas, Nev.

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Rajendra Tibrewala, Ph.D.

Professor and Chairperson, Operations Management and Management

Tibrewala R., Meena P.L. (2017, May). *Buyback and risk sharing contracts to mitigate the supply and demand disruption risks*. Paper presented at the Global Operations: Emerging Horizons, Social Good, and Technology, 28th Annual Production and Operations Management Society (POMS) Conference, Seattle, Wash. <https://www.pomsmeetings.org/EventsNet/evNet/evNetSessBrowse/BrowseAbs.aspx?pr=1&ev=73>

III. Honorees and Awardees

Joshua E. Bienstock, J.D., L.L.M.

Assistant Professor, Law

Best Paper in Journal Award, Ragab D., Bienstock J., Swid A. (2017). International student adjustment to U.S. Universities: A cultural approach. *Review of Business Research*, 17(1), 23–30. doi: 10.18374/RBR-17-1.3.

Best Conference Paper Award, Swid A., Bienstock J. (2017, March). International students' adjustment to U.S. Universities: A personality approach. International Conference on Innovational Challenges in Social Sciences, Humanities, Management and Business Studies (ICSHMB), Casablanca, Morocco. doi: 10.18374/RBR-17-1.3.

Best Paper in Track Award, Bienstock J., Swid A. (2017, March). International student adjustment to U.S. universities: Utilizing a campus mediation approach. American Society of Business and Behavioral Sciences (ASBBS) Annual Conference, Las Vegas, Nev.

Peter Harris, M.B.A., CFA, CPA,
CMA, CIA

Professor, Accounting

Best in Session Paper, Harris P. (2017, January). The future of LIFO. Paper presentation at the Institute of Business and Finance Research Conference, Las Vegas, Nev. In *Global Conference on Business and Finance Proceedings*, 12(2), 180–184. Retrieved from <http://www.theibfr.com/ARCHIVE/ISSN-1941-9589-V12-N2-2017.pdf>

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, Journal of Business and Economics Research. ISSN: 1542-4448 (print), ISSN: 2157-8893 (online). <https://www.cluteinstitute.com/ojs/index.php/JBER/index>

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

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

Reviewer of Refereed Journal, African Journal of Accounting and Finance. ISSN: 2046-8083 (print) ISSN: 2046-8091 (online). <http://www.inderscience.com/jhome.php?jcode=ajaaf>

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Reviewer of Refereed Journal, Journal of Modern Accounting and Auditing.
ISSN: 1548-6583. <http://www.davidpublisher.org/index.php/Home/Journal/JMAA>

Purushottam L. Meena, Ph.D.

Associate Professor, Operations Management

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

Advisory Committee Member, National Conference on Digital Transformation of Business in India: Opportunities and Challenges, Dehradun, UK, India, March 24–25, 2017. <http://www.iuu.ac/download-pdf/NationailConfSOM.pdf>

Editorial Board Member, International Journal of Supply Chain and Inventory Management, Inderscience publication 2017; ISSN print: 2054-099X.
<http://www.inderscience.com/jhome.php?jcode=IJSCIM>

Editorial Board Member, International Journal of Complexity in Applied Science and Technology, Inderscience publication 2017; ISSN print: 1740-0546.
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Editorial Board Member, Asian Journal of Management Science and Applications, Inderscience publication 2017; ISSN print: 2049-8683.
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Editorial Board Member, International Journal of Collaborative Intelligence, Inderscience publication 2017; ISSN print: 2051-7122.
<http://www.inderscience.com/jhome.php?jcode=ijci>

Editorial Board Member, EuroMed Journal of Management, Inderscience publication 2017; ISSN print: 2055-1703. <http://www.inderscience.com/jhome.php?jcode=emjm>

Editorial Review Board, International Journal of Applied Management Sciences and Engineering, IGI Global publication 2017; ISSN: 2327-7483.
<https://www.igi-global.com/journal/international-journal-applied-management-sciences/68203>

Editorial Board Member, International Journal of Remanufacturing, Inderscience publication 2017; ISSN print: 1758-7964.
<http://www.inderscience.com/jhome.php?jcode=ijrem>

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<http://www.inderscience.com/jhome.php?jcode=ijal>

Amr Swid, Ph.D.

Assistant Professor, Management

Best Paper in Journal Award, Ragab D., Bienstock J., Swid A. (2017) International student adjustment to U.S. universities: A cultural approach. *Review of Business Research*, 17(1), 23–30. doi: 10.18374/RBR-17-1.3.

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Best Paper in Track Award, Bienstock J., Swid A. (2017, March). International student adjustment to U.S. universities: Utilizing a campus mediation approach. American Society of Business and Behavioral Sciences (ASBBS) Annual Conference, Las Vegas, Nev.

IV. Grant Recipients—Externally Sponsored

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.

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

Rakesh Mittal, Ph.D.

Assistant Professor, Human Resource Management

Joshua E. Bienstock, J.D., L.L.M.

Assistant Professor, Law

Influence of Leader Behavior on Work-Home Balance of Followers and their Life Satisfaction.
Mallah Family Foundation Inc.

Birasnav Muthuraj, Ph.D.

Assistant Professor, Quantitative Methods

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.

Amr Swid, Ph.D.

Assistant Professor, Management

Joshua E. Bienstock, J.D., L.L.M.

Assistant Professor, Law

International Students' Adjustment to U.S. Universities:
A Personality and Cultural Approach.
Mallah Family Foundation Inc.

V. Grant Recipients—Internally Sponsored

Joshua E. Bienstock, J.D., L.L.M.

Assistant Professor, Law

Impact of Leadership Behaviors, Quality Management Practices, and Human Resource Management Practices on Operational Performance Through Maintenance Strategies.
Co-Principal Investigator. ISRC 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

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.

Rakesh Mittal, Ph.D.

Assistant Professor, Human Resource Management

Impact of Leadership Behaviors, Quality Management Practices,
and Human Resource Management Practices on Operational Performance
Through Maintenance Strategies.

Co-Principal Investigator. ISRC Grant.

Impact of Transformational and Transactional Leadership on
the Buyer-Supplies Relationship in a Supply Chain: An Empirical Study.
Principal Investigator. ISRC Grant.

Birasnav Muthuraj, Ph.D.

Assistant Professor, Quantitative Methods

Impact of Leadership Behaviors, Quality Management Practices,
and Human Resource Management Practices on Operational Performance
Through Maintenance Strategies.

Principal Investigator. ISRC Grant.

Impact of Transformational and Transactional Leadership on the
Buyer-Supplies Relationship in a Supply Chain: An Empirical Study.
Co-Principal Investigator. ISRC Grant.

Shaya Sheikh, Ph.D.

Assistant Professor, Operations Management

Big Data Driven Energy Management in Solar Powered Smart Homes.
Principal Investigator. ISRC Grant.

“The greatest
gift you can give
someone is the
gift of inspiration.”

—Cornel West

NYIT Administration

I. Presenters at Meetings

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Adjunct Faculty, Librarian II, Emerging Technology Librarian

Cirella D., Gu H. (2017, November). *Generating abstraction networks using semantic similarity measure of ontology concepts*. Paper presented at the 2017 IEEE International Conference on Bioinformatics and Biomedicine (BIBM), Kansas City, Mo.; *Proceedings of the 2017 IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*, 840–843. doi: 10.1109/BIBM.2017.8217764.

II. Grant Recipients—Externally Sponsored

Clare Cohn, M.L.S.

Librarian; Director, Technical Services

Coordinated Collection Development Aid for 2016–2017. New York State Education Department/Long Island Library Resources Council; Project No. 0315160110.

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

III. Grant Recipients—Internally Sponsored

Amy Bravo, M.A.

Senior Director, International and Experiential Education

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

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

Multilingual Multicultural Multimedia: Globally Connected
Mobile Learning Projects.
Co-Principal Investigator. TLT Grant.

David Cirella, M.S., M.L.S.

Adjunct Faculty, Librarian II, Emerging Technology Librarian

Multilingual Multicultural Multimedia: Globally Connected
Mobile Learning Projects.
Co-Principal Investigator. TLT Grant.

Gabrielle St. Leger, Ed.D.

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Communities on the Move: Partnering for Wellness and Empowerment.
Co-Principal Investigator. ISRC Grant.

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Director of Experiential Education, International &
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Communities on the Move: Partnering for Wellness and Empowerment.
Co-Principal Investigator. ISRC Grant.

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

Lillian Butungi Niwagaba, Ph.D.

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

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

Emily Rukobo, M.A.

Executive Director, Global Academic Programs

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

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

“The most important attitude that can be found is the desire to go on learning.”

—John Dewey

Vocational Independence Program

I. Grant Recipients—Externally Sponsored

Michelle Ranaldo, M.S.

Director of Instructional Technology and Registration,
Vocational Independence Program

Autism Speaks, NYIT VIP Mobile iPad Lab. Autism Speaks, Inc. 2016–2017.

Addendum

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Associate Professor and Assistant Dean, Clinical Education

Malhotra P., Capozzi B., Talwar A. (2017). Procalcitonin as a diagnostic marker of infection. *Journal of Respiratory Medicine*, 1, 101. Retrieved from <https://www.omicsonline.org/open-access/procalcitonin-as-a-diagnostic-marker-of-infection.pdf>

Ana G. Petrovic, Ph.D.

Associate Professor, Life Sciences

Castro-Fernández S., Yang R., García A.P., Garzón I.L., Xu H., Petrovic A.G., Alonso-Gómez J.L. (2017). Diverse chiral scaffolds from diethynylspiranes: All-carbon double helices and flexible shape-persistent macrocycles. *Chemistry- A European Journal*, 23 (49), 11747–11751. doi: 10.1002/chem.201702986.

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Rajendra Tibrewala, Ph.D.

Professor and Chairperson, Operations Management and Management

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II. Presenters at Meetings

Barbara Capozzi, D.O., CNS

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Capozzi B., Jeger A. M. (2017, July). *Collegial Mutual Support: A unique model of professional collaboration*. Lecture presented at the Fusion 2017 Educational Conference, Las Vegas, Nev.

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

Thappa S., Laurie L., Capozzi B., Sahni S. (2017, January). *Discussing Sexual Health with Physicians: The Patient's Perspective*. Lecture presented at the American Medical Women's Association Conference, San Francisco, Calif.

Thappa S., Laurie L., Capozzi B., Sahni S. (2017, April). *Evaluating the Approach of Osteopathic Medical Student's Towards Patients' Sexual Health. Publication Status*. Poster presented at the Touro Research Day, Harlem, N.Y.

Thappa S., Laurie L., Capozzi B., Sahni S. (2017, April). *Evaluating the Approach of Osteopathic Medical Student's Towards Patients' Sexual Health. Publication Status*. Poster presented at the New York State Osteopathic Medical Society Conference, Hauppauge, N.Y.

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Capozzi B., Jeger A. M. (2017, July). *Collegial Mutual Support: A unique model of professional collaboration*. Lecture presented at the Fusion 2017 Educational Conference, Las Vegas, Nev.

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

Jeger A.M. (2017, March) *Effective Communication Skills*. Lecture presented at the New York Colleges of Osteopathic Medicine Educational Consortium and NYIT Healthcare Leadership Certificate Course. Flushing Hospital Medical Center, Flushing, N.Y.

[Back to table of contents](#)

Index

A

Abramson, Tobi A.	105
Ahmed, Anoma Zehra	113
Ahn, Meesuk	122
Altwicker, Matthias R.	73
Amineh, Reza K.	77, 94, 100
Anid, Nada M.	77, 85, 86, 92, 93, 94, 95
Artan, N. Sertac	77, 86, 95, 100
Athanasίου-Krikelis, Lissi	21
Austin-McCain, Melanie	105, 113

B

Balagani, Kiran S.	95, 100
Balentine, Jerry	38, 39, 57, 63
Baltazar, Gerard A.	27, 39, 57
Basta, Sim	65
Beatty, Brian L.	27, 63
Beheshti, Babak D.	78, 95
Bienstock, Joshua E.	127, 130, 134, 136, 137
Billis, Steven H.	87
Blazey, William	27, 39
Bloom, Nicholas	21
Bravo, Amy	141

C

Cao, Houwei	78, 96
Capozzi, Barbara	147, 148
Carka, Dorinamaria	78, 101
Carrillo-Sepulveda, Maria A.	28, 40, 57, 63
Case, Susana H.	11
Chandel, Sonali	78, 87, 101
Chan, Thomas	40, 58
Charron, Remi	96
Cheriyān, George	40, 41, 58
Cinotti, Daniel	117, 119, 122
Cirella, David	141, 142
Cohn, Clare	141
Cohn, Deborah Y.	127, 131, 136
Cornelius, Matthew	22
Costello, Andrew	22

D

Dahir, Carol A.	117, 119
Del Signore, Marcella	69, 70, 72, 73
DiFrancisco-Donoghue, Joanne	28, 41, 42, 58, 65
Dilling, Petra F.A.	127
Donaldson, Elizabeth J.	15, 16
Dong, Ziqian	79, 88, 96, 101
Douris, Peter	108
Dudheria, Rishabh	79, 88, 89, 101

F

Farajidavar, Aydin	79, 89, 96, 101
Farella-Accurso, Michelle	112
Fazal, Minaz	122
Fields, Sheldon D.	105, 108, 111
Flaum, Theodore	28
Ford, Mathew P.	70
Frangos, Naomi	70, 72, 73
Friel, Karen	112
Futterman, Bennett	28

G

Gagna, Claude E.	11, 16, 20, 22
Gallagher, Rosemary	108, 113
Galli, Brian	80, 89
Gamble, Michael	11
Gandhi, Farzana	74
Gasti, Paolo	81, 97, 102
Geisler, Jonathan H.	29, 63
Gerdes, A. Martin	29, 42, 59, 64
Gibb, Bryan	11, 16, 22
Gilliar, Wolfgang	42
Golden, Amanda	12, 16, 17, 22
Goldman, Jonathan	12
Greenberg, Eric	113
Gugliotti, Mark	105, 109, 113
Gu, Huanying	81, 90, 97, 102

H

Haar, Mindy	112, 114
Hadjiargyrou, Michael	12, 17, 18, 21, 23
Hanc, John	12, 13, 18
Handrakis, John P.	106, 109, 111, 112
Happel, Patricia	43, 59
Harris, Peter	127, 128, 131, 134, 135
Hoffmann, Simone	30, 43
Hoplight II, Blair	23
Hsu, Hui-Yin	117, 120, 123

I

Ilyas, Azhar	81, 90, 94, 97, 102
--------------	---------------------

J

Jaffee, Larry	13, 14, 20
Jeger, Abraham M.	148
Jiang, Xueting	137
Joanne DiFrancisco-Donoghue,	41
Jung, Min-Kyung	30, 43, 44, 59, 65

K

Karle, Patrick	19
Katz, Ellen	23
Kirk, Colleen P.	128, 132, 137
Kobayashi, Satoru	44, 60, 64
Koehler, Sharon	30, 45
Kooyman, Patricia	45, 60
Kopecky, Sandra	82, 90
Krishnamachari, Bhuma	30, 45
Kurtzer, Isaac	46, 66

L

LaGrandeur, Kevin	14, 18, 20, 21, 23
Leder, Adena	31, 46, 47, 60, 64, 65
Leheste, Joerg R.	31, 47, 48, 65
Liang, Qiangrong	32, 48, 49, 60, 64, 66
Li, Fang	81, 90, 97, 102
Li, To Shan	31, 48
Li, Wenjia	82, 91, 98, 103
Lorne, Frank T.	128

M

Makinejad, Majid Davoodi	128
Mancini, Jayme D.	32, 49, 50, 61, 65
Martinez, Jim	117, 121, 123
Matz, Charles A.	72
Mazzie, Joseph	32, 50, 61
McNally, Adrienne	142
McPherson, Sarah	124
McStay, Gavin P.	19, 23
Meena, Purushottam L.	129, 132, 133, 135, 138
Metkar, Shalaka	23
Mihlbachler, Matthew C.	32
Misak, John	14, 19
Mittal, Rakesh	133, 136, 138
Mongiello, Lorraine	106, 110, 112
Muthuraj, Birasnav	133, 137, 138

N

Nath, Niharika	14, 19, 24
Nikitopoulos, Eleni	24
Niwagaba, Lillian Butungi	142
Nizich, Michael	82, 93, 98

O

O'Hara, Kate E.	123
Ojamaa, Kaie	33

P

Panero, Marta A.	83, 91, 93, 98
Parkes, Ann-Marie	123
Pavia, Charles	33, 50
Petrovic, Ana G.	15, 24, 147
Pizer, Richard	15
Plummer, Maria	33, 50
Pokala, Navin	15, 20, 24
Pongratz, Christian	118, 120, 122, 123
Prazak, Kristine	106

R

Rajagopalan, Viswanathan	33, 51
Ramos, Raddy L.	34, 64
Ranaldo, Michelle	145
Ravan, Maryam	99
Raven, Jeffrey	69, 71
Restivo, Emily	24
Riley, Bernadette	34
Rivera-Martinez, Sonia	51
Rosenblum, Jason	124
Rukobo, Emily	142

S

Saggio, Gregory	64
Santamaria, Giovanni	71, 72
Santhanakrishnan, Anand	83, 99, 103
Sargenti, Jason	74
Savinova, Olga V.	34, 35, 51
Schwarting, Jon Michael	69, 71
Scire, James J.	83, 92, 99, 103
Shea, Megyn	118, 120
Sheflin, Karen	51, 52
Sheikh, Shaya	138
Silverman, Stan	122
Smith, Robert	25
Solounias, Nikos	35
Southard, Veronica	106, 110, 114
Sparacino, Lisa	107
St. Leger, Gabrielle	142
Stout, Randy	35
Swid, Amr	129, 133, 136, 137

T

Tegay, David H.	36, 52
Terzella, Michael	36, 52, 61
Thompson, Nathan E.	36, 53
Tibrewala, Rajendra	129, 133, 147
Toma, Milan	83, 92
Treister, Pamela	107

U

Uttendorfer, Michael 124

V

Van Nest, Jason 74

Vasilyev, Aleksandr 36, 66

Voris, Jonathan 84, 92, 99, 103

W

Wang, Shiang-Kwei 118, 120, 124

Werner, William 107, 110, 111, 114

Winokur, Dena 25

Wolf, Corri 107

Y

Yao, Sheldon C. 37, 53, 55, 61, 62, 65

Yildiz, Melda N. 119, 121, 124

Yusupov, Eleanor 37

Yu, Xun 84

Z

Zhang, Dong 37

Zhang, Shenglong 21, 25

Zhang, Tao 85

Zhang, Youhua 38, 55

Zwibel, Hallie 38, 56, 57, 62



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