



NEW YORK INSTITUTE
OF TECHNOLOGY

19th Faculty Scholars Brochure

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Each year until 2020, New York Institute of Technology held a Faculty Scholars Reception in honor of faculty who 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.

Due to the global COVID-19 pandemic and New York's transition to a remote teaching and learning environment in the spring of 2020, the annual event was canceled. This journal documents the achievements that would have been recognized at the 2020 Faculty Scholars Reception.

Editor/Compiler
Eileen A. Gazzola, M.S.L.I.S.
Office of Sponsored Programs and Research

Message from the Senior Director, Office of Sponsored Research and Programs

Each year, New York Institute of Technology recognizes and celebrates the research, scholarship, and creative works of faculty and administrators. Prior to 2020 and the COVID-19 pandemic, we were able to do so in person at the annual Faculty Scholars Reception, where we distributed our detailed publication of those who, in the previous calendar year:

- received external or internal research, pedagogical, or infrastructural grants;
- 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.

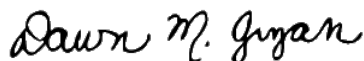
And, while we were not able to gather in person, we are happy to share this publication showcasing our best and brightest as well as the extraordinary breadth and depth of their talent and expertise.

The following pages affirm that the research enterprise at New York Tech is alive and thriving, and that the dedication and hard work of many have contributed to make our university, and its reputation, stronger than ever. I've been privileged to work with many of those whose work is highlighted on these pages, on the grants and partnerships that sustain their work, and thank them for their continued efforts, professionalism, and representation of New York Tech.

These accomplishments would not be possible without the support of our leadership, and we thank our board, president, and president's council for their support.

I hope you enjoy reviewing the contents of this publication and feeling a sense of pride in our institution and community. We look forward to continuing with this tradition and hopefully creating new traditions to celebrate the fine work happening at New York Tech.

Regards,



Dawn M. Grzan M.B.A.
Senior Director, Office of Sponsored Programs and Research

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COLLEGE OF ARTS AND SCIENCES

College of Arts and Sciences

I. Authors

Meesuk Ahn, Ph.D.

Adjunct Assistant Professor, Teacher Education and Interdisciplinary Studies

Hatch, T., Ahn, M., Ferguson, D., & Rumberger, A. (2019). The role of external support in improving K-3 reading outcomes in New York City. *Urban Education*. doi: 10.1177/0042085919877932.

Hatch, T., Ahn, M., Ferguson, D., & Rumberger, A. (2019). The role of external support providers in improving K-3 reading outcomes in New York. *CPRE Policy Briefs*. Retrieved from https://repository.upenn.edu/cpre_policybriefs/85/

Hatch, T., Ahn, M., Ferguson, D., & Rumberger, A. (2019). Mapping the reading improvement sector in New York City: The role of external support providers in improving K-3 reading outcomes. *CPRE Working Papers*. Retrieved from https://repository.upenn.edu/cpre_workingpapers/17

Yildiz, M. N., Fazal, M., Ahn, M., Feirsen, R., & Ozdemir, S. (Eds.) (2019). *Handbook of Research in Media Literacy Applications and Research Across Disciplines* (pp 1-433). Hershey, PA: IGI Global. doi: 10.4018/978-1-5225-9261-7.

Eve Armstrong, Ph.D.

Assistant Professor, Physics

Armstrong, Eve. (2019, May 20). [Quoted in]. Empirical model aims to predict female cowbird responses to mating calls. Lina Sorg, Associate Editor, *SIAM News*. Retrieved from <https://sinews.siam.org/Details-Page/empirical-model-aims-to-predict-female-cowbird-responses-to-mating-calls>

Lissi Athanasiou-Krikelis, Ph.D.

Assistant Professor, English

Athanasiou-Krikelis, L. (2019). Picture-book retellings of "The three little pigs": Postmodern parody, intertextuality, and metafiction. *Children's Literature Association Quarterly*, 44 (2), 173-193. doi: 10.1353/chq.2019.0024.

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Susana H. Case, Ph.D.
Professor and Manhattan Program Coordinator, BES

Case S.H. (2019). *Body Falling, Sunday Morning*. Hamilton, Ohio: Milk and Cake Press.

King Virgil Cheek, J.D.
Professor, Social Sciences

Cheek, K.V. (2019). *I See a New America: It Ain't the One I Used to Know*. New York City: QuarticPress.

Daniel Cinotti, Ph.D.
Associate Professor, Behavioral Sciences

Dahir, C., Cinotti, D., & Feirsen, R. (2019). Beyond compliance: Assessing administrators' commitment to comprehensive school counseling. *National Association of Secondary School Principals (NASSP) Bulletin*, 103(2), 118-138. doi: 10.1177/0192636519830769.

Carol A. Dahir, Ed.D.
Adjunct Professor, Masters School Counseling

Dahir, C., Cinotti, D., & Feirsen, R. (2019). Beyond compliance: Assessing administrators' commitment to comprehensive school counseling. *National Association of Secondary School Principals (NASSP) Bulletin*, 103(2), 118-138. doi: 10.1177/0192636519830769.

Anthony DiMatteo, Ph.D.
Professor, English

DiMatteo, A. (2019). Duties Include (Ars Poetica). *Cimarron Review*, 209. Accessible from <https://cimarronreview.com/subscribe>

DiMatteo, A. (2019). Fishing for Family. *Clade Song*. Retrieved from <http://www.cladesong.com/dimatteo.fishingforfamily.html>

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Elizabeth J. Donaldson, Ph.D.
Professor, English

Donaldson, E. (2019). [Review of the book *Barriers and Belonging: Personal Narratives of Disability*, (Eds.) M. Jarman, L. Monaghan, & A. Q. Harkin]. *Journal of Literary & Cultural Disability Studies*, 13(3), 367-369.

Donaldson, E. (2019). [Review of the book *The Cost of Insanity in Nineteenth-Century Ireland: Public, Voluntary and Private Asylum Care*, by A. Mauger]. *Victorian Studies*, 61(3), 529-531.

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Sophia K. Domokos, Ph.D.
Assistant Professor, Physics

Domokos, S.K., Royston, A.B. (2019). Nonabelian probes in holography. *Journal of High Energy Physics*, 27. doi: 10.1007/JHEP10(2019)027.

Minaz Fazal, Ph.D.
Assistant Professor, Teacher Education

Fazal, M., & Bryant, M. (2019). Blended learning in middle school math. *Journal of Online Learning Research*, 5(1), 49-64. Retrieved from <https://www.learntechlib.org/primary/p/183899/>.

Fazal, M., & Navarrete, C. (2019). Can flipped learning work in online courses? *Academic Exchange Quarterly*, 23(4). Retrieved from <http://rapidintellect.com/AEQweb/ed-5968.pdf>

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Robert Feirsen, Ed.D.

Assistant Professor, Chairperson, Education

Dahir, C., Cinotti, D., & Feirsen, R. (2019). Beyond compliance: Assessing administrators' commitment to comprehensive school counseling. *National Association of Secondary School Principals (NAASP) Bulletin*, 103(2), 118-138. doi: 10.1177/0192636519830769.

Yildiz, M. N., Fazal, M., Ahn, M., Feirsen, R., & Ozdemir, S. (Eds.) (2019). *Handbook of Research in Media Literacy Applications and Research Across Disciplines* (pp 1-433). Hershey, PA: IGI Global. doi: 10.4018/978-1-5225-9261-7.

Michael Gamble, Ph.D.

Professor, English

Gamble, T.K., & Gamble, M. (2019). *The Communication Playbook*. California: Sage Publications Inc.

Amanda Golden, Ph.D.

Associate Professor, English

Golden, A. (2019). Digital design with William Morris. In Martinek, J., & Miller, E.C. (Eds.), *Teaching William Morris* (pp. 275-282). Fairleigh Dickinson University Press.

Golden, A. (2019). Latent Energy: Mulk Raj Anand's letter to Langston Hughes. *The Space Between Literature and Culture, 1914-1945*, 15. Retrieved from https://scalar.usc.edu/works/the-space-between-literature-and-culture-1914-1945/vol15_2019_golden_anand_hughes_archive

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Golden, A. (2019). Sylvia Plath's teaching and the shaping of her work. In Brain, T. (Ed.), *Sylvia Plath in Context* (pp. 255-263). Cambridge University Press.

Jonathan Goldman, Ph.D.

Associate Professor, English

Goldman, J. (2019, December 31). How New Yorkers Celebrated New Year's Eve 100 Years Ago. *Gothamist*. Retrieved from <https://gothamist.com/arts-entertainment/how-new-yorkers-celebrated-new-years-eve-100-years-ago>

Michael Hadjiargyrou, Ph.D.
Professor and Chairperson, Life Sciences

Carias, E., Fricke, D., Vijayashanthar, A., Smith, L., Somanesan, R., Martin, C., Kalinowski, L., Popoola, D., Hadjiargyrou, M., Komatsu, D.E., & Thanos, P.K. (2019). Weekday-only chronic oral methylphenidate self-administration in male rats: Reversibility of the behavioral and physiological effects. *Behavioural Brain Research*, 356, 189-196. doi: 10.1016/j.bbr.2018.08.014.

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John Hanc, M.A.
Professor, Communication Arts

Sing, A.K., & Hanc, J. (2019). *Your Heart, My Hands: An Immigrant's Remarkable Journey to Become One of America's Preeminent Cardiac Surgeons*. New York: Center Street, Hachette Book Group.

Tyrone, J. T. N., Sabbagh, M. N., & Hanc, J. (2019). *Fighting for my life: How to thrive in the shadow of Alzheimer's*. Nashville, TN: W Publishing, an imprint of Thomas Nelson

Melissa Huey, Ph.D.
Assistant Professor, Behavioral Sciences

Huey, M., Laursen, B., Kaniušonyté, G., Malinauskienė, O., Žukauskienė, R. (2019). Self-Esteem mediates longitudinal associations from adolescent perceptions of parenting to adjustment. *Journal of Abnormal Child Psychology*, 1-11. Doi: 10.1007/s10802-019-00599-2.

Larry Jaffee, M.A.
Adjunct Assistant Professor, Communication Arts

Jaffee, L. (2019, January 17). Fancy Bear's LoJax rootkit has been foraging since late '16. *SC Magazine*. Retrieved from <https://www.scmagazine.com/home/security-news/fancy-bears-lojax-rootkit-has-been-foraging-since-late-16/>

Jaffee, L. (2019, January 17). Google Play rejecting, whitelisting SMS, phone apps. *SC Magazine*. Retrieved from <https://www.scmagazine.com/home/security-news/google-play-rejecting-whitelisting-sms-phone-apps/>

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Jaffee, L. (2019, May 28). A different kind of church sound. *Pro Sound News*. Retrieved from <https://www.prosoundnetwork.com/live/a-different-kind-of-church-sound>

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Jaffee, L. (2019, October 28). Mike O'Neill. *Broadcasting & Cable Hall of Fame*. Retrieved from <https://www.broadcastingcable.com/news/mike-oneill>

Jaffee, L. (2019, December 13). Billy Bragg discusses racism and Thatcher in a 1990 audio. [Radio interview with Larry Jaffee]. *Rock's Backpages*. Accessed from <https://www.rocksbackpages.com/Library/Article/billy-bragg-1990>.

Jaffee, L. (2019, December 3). Leonard Cohen's Muses. *Record Collector News*. Retrieved from <http://recordcollectornews.com/2019/12/leonard-cohens-muses/>

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Vitaly Katsnelson, Ph.D.

Assistant Professor, Mathematics

Caday, P., de Hoop, M.V., Katsnelson, V., Uhlmann, G. (2019). Reconstruction of piecewise smooth wave speeds using multiple scattering. *Transactions of the American Mathematical Society*, 372(2), 1213-1235. Doi: 10.1090/tran/7632.

Caday, P., de Hoop, M., Katsnelson, V., Uhlmann, G. (2019). Scattering control for the wave equation with unknown wave speed. *Archive for Rational Mechanics and Analysis*, 231(1), 409-464. Access from <https://link.springer.com/article/10.1007/s00205-018-1283-8>.

Kevin LaGrandeur, Ph.D.

Professor, English

Ferrando, F. (2019, April 26). [Interviewed in] Robots in Ancient Times. *Posthumans Vlog* [Video interview]. Retrieved from <http://www.theposthuman.org/vlog-posthumans.html>

Korolov, A. (2019, October 31). [Interviewed in] Profs bring Hamlet into AR. *Hypergrid Business*. Retrieved from <https://bit.ly/nyitprofsAR>

John Misak, D.A.

Assistant Professor, English

Misak, J. (2019). [Book Review of] Video Games and the Mind: Articles on Cognition, Affect, and Emotion. In Perron B. & Schröter F. (Eds.), *Journal of Gaming & Virtual Worlds*, 11(1), 90-95(6). doi: 10.1386/jgvw.11.1.90_5.

Korolov, A. (2019, October 31). [Interviewed in] Profs bring Hamlet into AR. *Hypergrid Business*. Retrieved from <https://bit.ly/nyitprofsAR>

Ranja Roy, Ph.D.

Associate Professor and Chairperson, Math

Cardenas, M., Lasheras, R.F., Quintero, A., Roy, R. (2019). Quasi-isometries and proper homotopy: The quasi-isometry invariance of proper 3-realizability of groups. *Proceedings of the American Mathematical Society*, 147 (4), 1797-1804. doi: 10.1090/proc/14373.

Pejman Sanaei, Ph.D.

Assistant Professor, Mathematics

Sanaei, P., & Cummings, L.J. (2019). Membrane filtration with multiple fouling mechanisms. *Physical Review Fluids*, 4(12), 124301. doi: 10.1103/PhysRevFluids.4.124301.

Melda N. Yildiz, Ed.D.

Associate Professor, MSIT, Masters Instructional Technology

Yildiz, M. N., Fazal, M., Ahn, M., Feirsen, R., & Ozdemir, S. (Eds.) (2019). *Handbook of Research in Media Literacy Applications and Research Across Disciplines* (pp 1-433). Hershey, PA: IGI Global. doi: 10.4018/978-1-5225-9261-7.

Yildiz, M. (2019). History of Media Literacy. In R. Hobbs & P. Mihailidis (Eds.) *The International Encyclopedia of Media Literacy*. Wiley. doi:10.1002/9781118978238.ieml0084.

Yildiz, M. (2019). History of Educational Media. In R. Hobbs & P. Mihailidis (Eds.) *The International Encyclopedia of Media Literacy*. Wiley. doi:10.1002/9781118978238.ieml0084.

Shenglong Zhang, Ph.D.

Associate Professor, Life Sciences

Zhang, N., Shi, S., Jia, T.Z., Ziegler*, A., Yoo, B., Yuan, X., Li, W., Zhang, S. (2019). A general LC-MS based RNA sequencing method for direct analysis of multiple-base modifications in RNA mixtures. *Nucleic Acids Research*, 47(20), 1-14. doi: 10.1093/nar/gkz731.

II. Presenters at Meetings and Conferences

Meesuk Ahn, Ph.D.

Adjunct Assistant Professor, Teacher Education and Interdisciplinary Studies

Ahn, M., Hatch, T., Ferguson, D., & Rumberger, A. (2019, April). *Two-mode social network analysis of the funders' role in K-3 reading improvement programs' distributing knowledge and skills*. Roundtable session at the American Educational Research Association (AERA) annual meeting, Toronto, Canada.

Eve Armstrong, Ph.D.

Assistant Professor, Physics

Armstrong, Eve. (2019, May). *What kind of music do songbirds like? A dynamical systems approach to predicting female song preferences*. Invited Speaker at the Society for Industrial and Applied Mathematics (SIAM) bi-annual Conference on Dynamical Systems and Workshop on Network Science, Snowbird, Utah. www.siam.org

Lissi Athanasiou-Krikelis, Ph.D.

Assistant Professor, English

Athanasiou-Krikelis, L. (2019, May). *Literature in times of crises: Baroque and its perception*. Invited speaker at the German Consulate in New York City, organized in collaboration with the Greek Consulate, <https://www.thenationalherald.com/242629/a-salon-with-author-amanda-michalopoulou-in-new-york/>

Athanasiou-Krikelis, L. (2019, June). *The ethnic other in Greek historical fiction*. Presentation at the Children's Literature Association Conference, Indianapolis, Ind.

Athanasiou-Krikelis, L. (2019, November). *Women writers as fictional characters in Amanda Michalopoulou's Novels*. Presentation at the Modern Greek Studies Association Symposium, California State University, Sacramento, Calif.

Daniel Cinotti, Ph.D.

Associate Professor, Behavioral Sciences

Dahir, C., Feirsén, R., & Cinotti, D. (2019). *Moving from compliance to cohesion: Making mandates meaningful*. Paper presented at the American Educational Research Association (AERA) annual meeting. Accessed from the AERA Online Paper Repository.

Andrew Costello, Ph.D.

Assistant Professor, Behavioral Sciences

Costello, A. (2019, August 28). *"Pantaleo effect" hitting NYPD as arrests plummet after firing in Eric Garner case*. Fox News Channel panelist. Retrieved from <https://video.foxnews.com/v/6078369163001/#sp=show-clips>

Costello, A. (2019, October 28). *"Fox & Friends Fist" celebrates National First Responders Day*. Fox News Channel panelist. Retrieved from <https://video.foxnews.com/v/6098403909001/#sp=show-clips>

Costello, A. (2019, November 3). *Protest against subway fares turned into a violent anti-police demonstration*. Fox News Channel panelist. Retrieved from <https://video.foxnews.com/v/6100104965001/#sp=show-clips>

Costello, A., & Restivo, E. (2019, March). *Comparing corporeal lineups to photographic policing arrays*. Paper presented at the Academy of Criminal Justice Sciences Annual Meeting, Baltimore, Md.

Paul Demonte, M.A.

Adjunct Instructor, Communication Arts & Digital Art & Design

Nauheim, T., Hosenfeld, M., Demonte, P., McNally, A., & Bravo, A. (2019, November). *Ready for Takeoff- Strategies for Reforming Academic Models to Support Community Partnership*. Podium presentation at the Association of American Colleges and Universities Transforming STEM Higher Education (AAC&U), Chicago, Ill. <https://www.aacu.org/sites/default/files/files/stem19/2019%20AACU%20STEM%20Program%20-%20Final.pdf>

Elizabeth J. Donaldson, Ph.D.

Professor, English

Donaldson, E. (2019, April 12). [Interviewed for] *Morning WakeUp Call*, WRHU, Hofstra University, Garden City, N.Y.

Donaldson, E. (2019, April). *Psychographics: Graphic Memoirs and Psychiatric Disability*. Invited Speaker at Hofstra University, Guthart Cultural Center Theater, Garden City, N.Y.

Donaldson, E. (2019, April). *Psychographics: Graphic Memoirs and Psychiatric Disability*. Invited Speaker at the University of Mary Washington, Mysterium Humanum Studies Speaker Series, Fredericksburg, Va.

Donaldson, E. (2019, September). *Feminism and Disability*. Invited Speaker at the Women, Science and Technology Learning Community, Georgia Tech, Atlanta, Ga.

Donaldson, E. (2019, October). *Crippling' Graphic Medicine: Psychiatric Disability, 'Crip' Culture, and the Health Humanities*. Keynote Speaker at the Crippling' Graphic Medicine: Drawing Out the Public Sphere Humanities Center Symposium, Syracuse University, Syracuse, N.Y.

Donaldson, E. (2019, October). *Graphic Memoirs and Psychiatric Disability*. Workshop at the Crippling' Graphic Medicine: Drawing Out the Public Sphere Humanities Center Symposium, Syracuse University, Syracuse, N.Y.

Donaldson, E. (2019, October 30). *Health Care and Comics Are Linked in the Field of Graphic Medicine. **HealthLink on Air Podcast***. Podcast retrieved from <https://www.upstate.edu/hloa/2019/1030-health-care-and-comics-are-linked-in-the-field-of-graphic-medicine.php>

Donaldson, E. (2019, October). *Mental Health America: A Lost History of Patient Self-Advocacy and Professional Collaboration in Psychiatric Care*. Paper presented at the American Society for Bioethics and Humanities (ASBH) Annual Conference, Pittsburgh, Pa.

Donaldson, E. (2019, November). *Black Madness: Mad Blackness*. Roundtable participant with author Therí Alyce Pickens, and additional respondents, Chris Baswell, Samuel K. Roberts, Jr., & Josef Sorett at the Institute for Research in African-American Studies, Columbia University, New York City.

Donaldson, E. (2019, November). *Psychiatric Disability and Asylum Fiction: Sylvia Plath's Experimental Engagements with Spoiled Identities*. Paper presented at the 33rd Annual Meeting of the Society for Science, Literature, and the Arts (SLSA), Irvine, Calif. <https://litsciarts.org/slsa19/>

Minaz Fazal, Ph.D.

Assistant Professor, Teacher Education

Fazal, M. (2019, April). *Blended and personalized learning: Framework for monitoring and evaluation*. Keynote Speaker at the SpeedTECH Conference, NYIT-Long Island Campus.

Fazal, M. (2019, June). *Can I flip an online class?* Paper presented at the EDxEd Conference, New York City.

Fazal, M., Yildiz, M., Rivera, E., Silverman, S., & Mukherjee, D. (2019, November). *Student agency in developing computational thinking and geospatial skills*. Paper presented at the Global Education Conference, virtual conference, <https://www.globaleducationconference.org/>

Meier, E., & Fazal, M. (2019, June). *Assessing technology: Questions and challenges*. Paper presented at the USNY Technology Policy and Practice Council, Board of Regents, New York State Education Department, Albany, N.Y.

Robert Feirsen, Ed.D.

Assistant Professor, Chairperson, Education

Dahir, C., Feirsen, R. & Cinotti, D. (2019, April). *Finding common ground with school leaders: School counselor perspectives on changing school counseling expectations*. Presentation at the American Educational Research Association (AERA) Annual Meeting, Toronto, Canada.

Feirsen, R., Germana, R., & Rodriguez, K. (2019, November). *College readiness: Promoting equity and access through partnerships*. Presentation at the College Board Forum 2019, Washington, D.C.

Feirsen, R., & Weitzman, S. (2019, October). *They've graduated: Now what? Building success for new teachers*. Presentation at the American Association for Employment in Education (AAEE) Annual Conference, Norfolk, Va.

Feirsen, R., & Weitzman, S. (2019, October). *They've graduated: Now what? Sustaining teachers in their first years on the job*. Presentation at the New York State Association of Teacher Educators (NYSATE) and New York Association of Colleges for Teacher Education (NYACTE) Annual Fall Conference, Saratoga Springs, N.Y.

Feirsen, R., & Van Vlerah, A. (2019, July). *College readiness: High school-college counselor connections*. Presentation at the American School Counselor Association (ASCA) Annual Conference, Boston, Mass.

Feirsen, R. (2019, April). *Federal and state policy trends in light of the 2020 elections*. Presentation at the Educational Policy Fellowship Program (EPFP) First Alumni Collaborative Virtual Convening, Virtual Conference.

Amanda Golden, Ph.D.

Associate Professor, English

Golden, A. (2019, January). *For Shame! Gwendolyn Brooks and Midcentury Annotations*. Presentation at the Modern Language Association Convention, Chicago, Ill.

Golden, A. (2019, February). *Rewriting the Lyric: Sylvia Plath Annotating James Joyce*. Presentation at the James Joyce Society, Glucksman Ireland House, New York University, New York City. <http://as.nyu.edu/content/nyu-as/as/research-centers/irelandhouse/events/Spring2019/Spring-20190.html>

Golden, A. (2019, March). *Digital Transitions: Recovering Edna O'Brien's Sylvia Plath Screenplay*. Presentation at the American Conference for Irish Studies, Boston, Mass.

Golden, A. (2019, October). *Plastic Pedagogy: Modernism after Warhol*. Presentation at the Modernist Studies Association Conference, Toronto, Canada.

Joanne S. Grasso, D.A.

Adjunct Associate Professor, Social Sciences

Grasso, J.S. (2019, April). *George Washington's 1790 Grand Tour of Long Island*. Author visit and book signing, Huntington Public Library, Huntington, N.Y.

Grasso, J.S. (2019, April). *George Washington's 1790 Grand Tour of Long Island*. Speaker and tour guide on a multi-site bus trip, Roslyn, Oyster Bay, Sachem Public Library, Sachem, N.Y.

Grasso, J.S. (2019, May). *George Washington's 1790 Grand Tour of Long Island*. Speaker at the Lunch and Learn Series, Huntington Historical Society, Huntington, N.Y.

Grasso, J.S. (2019, May). *George Washington's 1790 Grand Tour of Long Island*. Speaker, Long Island History Program, Seaford Public Library, Seaford, N.Y.

Grasso, J.S. (2019, September). *Revisiting the Founding Era*. Panelist, Long Island and the Revolution Program, Brentwood Public Library, Brentwood, N.Y.

Michael Hadjiargyrou, Ph.D.

Professor and Chairperson, Life Sciences

Uddin, S.M.Z., Chirokikh, A., Hadjiargyrou, M., Thanos, P.K., & Komatsu, D.E. (2019, September). *Characterizing the Effects of Methylphenidate Dosage and Dosing Regimen on Bone Integrity*. Presentation at the American Society for Bone and Mineral Research (ASBMR) Annual Meeting, Orange County Convention Center, Orlando, Fla.

Michael Hosenfeld, M.F.A.

Associate Professor, Digital Arts & Design

Nauheim, T., Hosenfeld, M., DeMonte, P., McNally, A., & Bravo, A. (2019, November). *Ready for Takeoff- Strategies for Reforming Academic Models to Support Community Partnership*. Podium presentation at the Association of American Colleges and Universities Transforming STEM Higher Education (AAC&U), Chicago, Ill.
<https://www.aacu.org/sites/default/files/files/stem19/2019%20AACU%20STEM%20Program%20-%20Final.pdf>

Melissa Huey, Ph.D.

Assistant Professor, Behavioral Sciences

Huey, M., Laursen, B., & Denner, J. (2019, August). *The Longitudinal Interplay Between Parental Psychological Control and Adolescent Adjustment Difficulties*. Poster presented at the American Psychological Association Annual Convention, Chicago, Ill. www.apa.org.

Larry Jaffee, M.A.

Adjunct Assistant Professor, Communication Arts

Jaffee, L. (2019, October 14-15). *Making Vinyl Hollywood 2019*. Editor and Conference Chair at the Making Vinyl Conference, Hollywood, Calif. http://makingvinyl.org/wp-content/uploads/2019/10/MV_brochure_LA2019_WEB.pdf

Jaffee, L. (2019, May 2-3). *Making Vinyl & the World of Physical Media Conference*. Editor and Conference Director at the Making Vinyl Berlin Conference, Meistersaal, Berlin. https://www.media-tech.net/wp-content/uploads/2019/05/Berlin2019_Program.pdf

Kevin LaGrandeur, Ph.D.

Professor, English

LaGrandeur, K. (2019, January). *The Impact of N. Katherine Hayles's NEH Summer Seminar on the Field, 1995-2001*. Presentation at the Annual Conference of the Modern Language Association, Chicago, Ill.

LaGrandeur, K. (2019, May 11). *The Ethical Impact of AI on Our Future*. Conference panel at Creative Tech Week, NYIT Auditorium on Broadway, New York City.

LaGrandeur, K. (2019, November). *Presenting Perchance: An AR Hamlet Mystery Game Demonstration*. Co-presentation at the 33rd Annual Conference of the Society for Literature, Science and the Arts, Irvine, Calif. <https://litsciarts.org/slsa19/special-events/slsarcade/>

John Misak, D.A.

Assistant Professor, English

Misak, J. (2019, July) *Perchance to Learn Hamlet with Augmented Reality: An AR Application for Understanding Shakespeare*. Presentation at the Digital Pedagogy Institute 6th Annual Conference, Waterloo, Ontario. <https://uwaterloo.ca/digital-pedagogy-institute/schedule-0>

Misak, J. (2019, November). *Perchance to Stream: Designing an Augmented Reality Game to Help Students and Casual Readers Understand Hamlet*. Presentation at the Pacific Ancient and Modern Language Association 117th Annual Conference, San Diego, Calif. <https://pamla.ballastacademic.com/Home/PublicViewAbstract/15581>

Misak, J. (2019, November). *Presenting Perchance: An AR Hamlet Mystery Game Demonstration*. Co-presentation at the 33rd Annual Conference of the Society of Literature, Science and the Arts, Irvine, Calif. <https://litsciarts.org/slsa19/special-events/slsarcade/>

Niharika Nath, Ph.D.

Professor, Life Sciences

Garzon, C*, Nguyen, B*, Elangovan, R., & Nath, N. (2019, October). *Image analysis of human cervical cells for nucleus features: Classification into precancerous and normal*. Poster presented at the Annual Meeting of Biomedical Engg Society, Philadelphia, Pa.

(*) Undergraduate students

Nath, N. (2019, June). *Strategic partnerships of the university with the community for undergraduate research and mentorship*. Poster presented at the Building and Enhancing Undergraduate Research and Creative Inquiry Programs, Undergraduate Research Programs Division Conference, Council on Undergraduate Research, Ohio State University, Columbus, Ohio.

Nath, N. (2019, September). *The role of H₂S in tumor progression and metastasis*. Oral presentation at the VI International Workshop on Nitric Oxide in Cancer and Beyond, International Society for Nitric Oxide and Cancer, New York City.

Terry Nauheim Goodman, M.F.A.

Associate Professor, Digital Art & Design

Nauheim, T., Hosenfeld, M., DeMonte, P., McNally, A., & Bravo, A. (2019, November). *Ready for Takeoff- Strategies for Reforming Academic Models to Support Community Partnership*. Podium presentation at the Association of American Colleges and Universities Transforming STEM Higher Education (AAC&U), Chicago, Ill.

<https://www.aacu.org/sites/default/files/files/stem19/2019%20AACU%20STEM%20Program%20-%20Final.pdf>

Emily Restivo, Ph.D.

Associate Professor, Behavioral Sciences

Costello, A., & Restivo, E. (2019, March). *Comparing corporeal lineups to photographic policing arrays*. Paper presented at the Academy of Criminal Justice Sciences Annual Meeting, Baltimore, Md.

Pejman Sanaei, Ph.D.

Assistant Professor, Mathematics

Sanaei, P. (2019, November). *Effects of particles diffusion and membrane pore elasticity on membrane filtration performance*. Chair and presenter at the 72nd Annual Meeting of the APS Division of Fluid Dynamics, Seattle, Wash.

Melda N. Yildiz, Ed.D.

Associate Professor, MSIT, Masters Instructional Technology

Fazal, M., Yildiz, M., Rivera, E., Silverman, S., & Mukherjee, D. (2019, November). *Student agency in developing computational thinking and geospatial skills*. Paper presented at the Global Education Conference, virtual conference, <https://www.globaleducationconference.org/>

Yildiz, M. (2019, April). *Investigating the myths and misconceptions in education: Media binds or blinds?* Presented at the SIG Action Research. American Research Association (AERA), Toronto, Canada.

Yildiz, M. (2019, June 23-26). *Storytelling With Data: Visualization in Teacher Education*. Co-presented at the International Technology (ISTE) Conference, Philadelphia, Pa.

Yildiz, M. (2019, June 23-26). *Globally Connected Multilingual Multicultural Multimedia Projects*. Co-presented at the International Technology (ISTE) Conference, Philadelphia, Pa.

Yildiz, M. N. (2019, July 28-30). *Maps, Math, Media: Transdisciplinary STEM Projects*. Paper presented at the New York State Stem Education Conference (NYSSEC) at Alfred State University, Alfred, NY.

Yildiz, M., Cieslak, M. & Holmes, G. (2019, March). *Visualization in Teacher Education: Storytelling with Data*. Paper presented at the Society for Information technology & Teacher Education International Conference, Las Vegas, Nev. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 639-647). Available from <https://www.learntechlib.org/primary/p/207710/>

Yildiz, M.N. & Marshood, M. (2019, October). *Connecting communities through participatory action research*. Invited panel presented at the Annual Fulbright Conference, Arlington, Va.

Yildiz, M. & Rivera, E. (2019, June 26-28). *Investigating the Media and Information Literacy Skills in Teacher Education*. Co-presented at the National Association of Media Literacy Education (NAMLE). Washington, DC.

III. Honorees and Awardees

Minaz Fazal, Ph.D.

Assistant Professor, Teacher Education Program

NY State Commendation Award by Senator Anna Kaplan for ***Lasting Contribution to Community***. The Yes We Can Community Center, Westbury, N.Y. November 12, 2019.

IV. Designers and Exhibitors

Paul Demonte, M.A.

Adjunct Instructor, Communication Arts & Digital Art & Design

Nauheim, T. (Producer), Hosenfeld, M. (Director), & Demonte, P. (Supervising Editor). (2019). *Ready for Takeoff*. [Documentary Short Film]. Retrieved from <https://vimeo.com/359542628>.

Michael Hosenfeld, M.F.A.

Associate Professor, Digital Arts & Design

Nauheim, T. (Producer), Hosenfeld, M. (Director), & DeMonte, P. (Supervising Editor). (2019). *Ready for Takeoff*. [Documentary Short Film]. Retrieved from <https://vimeo.com/359542628>.

Schenk, S. (Producer), Murmann, A. (Director), Hosenfeld, M. (Visual Effects). (2018, premiered November 5, 2019). *Unintended*. [Independent feature film for FilmRise and Shorelight Pictures]. Retrieved from https://www.imdb.com/title/tt7164084/?ref=nm_knf_t2

Terry Nauheim Goodman, M.F.A.

Associate Professor, Digital Art & Design

Nauheim, T. (Producer), Hosenfeld, M. (Director), & DeMonte, P. (Supervising Editor). (2019). *Ready for Takeoff*. [Documentary Short Film]. Retrieved from <https://vimeo.com/359542628>.

V. Grant Recipients— Externally Sponsored

Sophia K. Domokos, Ph.D.
Assistant Professor, Physics

RUI: Solitons in Holography. National Science Foundation. Grant No. 2014025. Project Period 09/01/20- 08/31/23.

Minaz Fazal, Ph.D.
Assistant Professor, Teacher Education Program

Robert Feirsen, Ed.D.
Assistant Professor, Chairperson, Education

Spencer Turkel, Ph.D.
Professor, Interim Chair, Life Sciences

Fazal, M. (PI): Supporting Preservice Candidates to be Culturally Sensitive and Technology-Competent STEM Teachers. National Science Foundation. Grant No. 1852791. Project Period 04/21/2019—03/31/2024.

Robert Feirsen, Ed.D.
Assistant Professor, Chairperson, Education

Daniel Cinotti, Ph.D.
Associate Professor, Behavioral Sciences

Carol A. Dahir, Ed.D.
Adjunct Professor, Masters School Counseling

Feirsen, R. (PI): Making Mandates Meaningful: Exploring the School Counselor and School Administrator Perceptions of the new NYSED Regulations and Comprehensive School Counseling. New York State School Counselor Association (NYSSCA). 2019-2020 NYSSCA Grant.

Claude E. Gagna, Ph.D.
Professor, Life Sciences

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

Use of a MicroCT Scanner to Characterize Histotechnological Processing of Bone Using Different Tissue Fixatives. TriBeta National Biological Honor Society, Beta Beta Beta Research Foundation. Claude Gagna, Research Advisor, Francis Deocampo, Undergraduate student.

Bryan Gibb, Ph.D.

Assistant Professor, Life Sciences

HHMI SEA-PHAGES Project 2019-2020 (Cohort 12). Howard Hughes Medical Institute, Science Education Alliance (SEA). 06/01/2019—05/31/2020.

Amanda Golden, Ph.D.

Associate Professor, English

The Margins of the Lyric: Gwendolyn Brooks Annotating Modernism.
Modernist Studies Association Research Travel Grant.

Michael Hadjiargyrou, Ph.D.

Professor and Chairperson, 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. 8/1/2017-7/31/2021.

Jim Martinez, Ph.D.

Associate Professor and Chairperson, Interdisciplinary Studies

Computing Professionals Creating Inclusive STEM Communities. National Science Foundation. Award No. 1929581. Project period 06/15/2019-5/31/2020.

Stan Silverman, M.S.

Professor, Instructional Technology

Northeast Regional Comprehensive Center [NRCC]. RMC Research Corporation. Project period 10/01/2018—09/30/2019.

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. Project period 10/15/2016-4/30/2021.

Shenglong Zhang, Ph.D.

Associate Professor, Life Sciences

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

Dong, Z. (PI): EAGER SitS: Autonomous Soil Nutrient Sensing System. Project period: 9/15/2018-8/31/2020. National Science Foundation, Award No. 1841558.

VI. Grant Recipients—Internally Sponsored

Lissi Athanasiou-Krikelis, Ph.D.

Assistant Professor, English

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

Eduardo Corona, Ph.D.

Assistant Professor, Mathematics

Efficient Time Integration Methods for Dense Particulate Flow Simulation.
Principal Investigator. ISRC Grant.

Refraction Induced Error Quantification in Particle Image Velocimetry.
Co-Principal Investigator. ISRC Grant.

Andrew Costello, Ph.D.

Assistant Professor, Behavioral Sciences

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

Elizabeth J. Donaldson, Ph.D.

Professor, English

Psychographics.
Principal Investigator. ISRC Grant.

Psychiatric Memoirs.
Principal Investigator. ISRC Grant.

Robert Feirsen, Ed.D.

Assistant Professor, Chairperson, Education

Storytelling with Data and Visualization in Education: Semiotics and Multicultural
Perspective.
Co-Principal Investigator. ISRC Grant.

Jole Fiorito, Ph.D.

Assistant Professor, Life Sciences

PDE5/HAT Combination treatment for Alzheimer's Disease: A Proof of Concept Study.
Principal Investigator. ISRC Grant.

Synthesis and Biological Evaluation of New PDE5 Inhibitors for the Treatment of Alzheimer's disease.
Principal Investigator. ISRC Grant.

Claude E. Gagna, Ph.D.

Professor, Life Sciences

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

Bryan Gibb, Ph.D.

Assistant Professor, Life Sciences

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

Characterizing and Testing Bacteriophages with Therapeutic Potential.
Principal Investigator. ISRC Grant.

Amanda Golden, Ph.D.

Associate Professor, English

Digital Global Literary Archives.
Principal Investigator. ISRC Grant.

Modernism, Media, and Collaboration.
Principal Investigator. ISRC Grant.

Jonathan Goldman, Ph.D.

Associate Professor, English

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

New York, 1920: Scholarly Website and Articles.
Principal Investigator. ISRC Grant.

Michael Hadjiargyrou, Ph.D.
Professor and Chairperson, Life Sciences

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

The role of Mustn1 in skeletal myogenesis.
Principal Investigator. ISRC Grant.

Kevin LaGrandeur, Ph.D.
Professor, English

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

Jim Martinez, Ph.D.
Associate Professor and Chairperson, Interdisciplinary Studies

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

John Misak, D.A.
Assistant Professor, English

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

Niharika Nath, Ph.D.
Professor, Life Sciences

Detection of Abnormal or Pre-cancerous Cervical Cells Using Machine Learning.
Principal Investigator. ISRC Grant.

Luzia Ogureck, M.A.
Associate Director, Experiential Education

Health on the Go! A Motivational Health App: Pilot of Prototype Design for Sleep Health.
Co-Principal Investigator. TLT Grant.

Navin Pokala, Ph.D.

Assistant Professor, Life Sciences

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

Quantitative Prediction of Neural Network State Behaviors.
Principal Investigator. ISRC Grant.

Stan Silverman, M.S.

Professor, Instructional Technology

Computational Thinking for All: Transdisciplinary Approach.
Co- Principal Investigator. TLT Grant.

Melda N. Yildiz, Ed.D.

Associate Professor, MSIT, Masters Instructional Technology

Storytelling with Data and Visualization in Education: Semiotics and Multicultural
Perspective.
Principal Investigator. ISRC Grant.

Computational Thinking for All: Transdisciplinary Approach.
Principal Investigator. TLT Grant.

Roger Yu, Ph.D.

Professor and Dean Emeritus, Interim Chair, Physics

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

COLLEGE OF OSTEOPATHIC MEDICINE

College of Osteopathic Medicine

I. Authors

Gonzalo Otazu Aldana, Ph.D.
Assistant Professor, Basic Sciences

Rochon, C., Otazu, G., Kurtzer, I., Stout, R. F. Jr., & Ramos R.L. (2019) Quantitative indicators of continued growth in undergraduate neuroscience education in the US. *Journal of Undergraduate Neuroscience Education (JUNE)*, 18(1), A51-A56. Retrieved from <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6973302/>

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

Cohen, T.J., Needleman, B.S., Harper, B., Balentine, J. (2019). The Long Island Heart Rhythm Center: Using digital health innovation to create a new paradigm in the EP office-based practice. *EP Lab Digest*, 19(3), 27-29. Accessed from <https://www.eplabdigest.com/long-island-heart-rhythm-center-using-digital-health-innovation-create-new-paradigm-ep-office-based-practice>.

DiFrancisco-Donoghue, J., Balentine, J., Schmidt, G., Zwibel, H. (2019). Managing the health of the eSport athlete: an integrated health management model. *BMJ Open Sport & Exercise Medicine*, 5(1), e000467. doi: 10.1136/bmjsem-2018-000467.

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

Mihlbachler, M.C., Foy, M., & Beatty, B.L. (2019). Surface replication, fidelity and data loss in traditional dental microwear and dental microwear texture analysis. *Scientific Reports*, 9(1), 1595. doi: 10.1038/s41598-018-37682-5.

Nancy Bono, D.O., FACOFP
Associate Professor and Chairperson, Clinical Sciences

Cohen T.J., Riley B., Choi D., Bitterman A., Zwibel H., & Bono N.A. (2019). Cardiology and electrophysiology considerations of Ehlers-Danlos syndrome and variants, including hypermobile syndromes. *EP Lab Digest*, 19(11), 25-27. Retrieved from <https://www.eplabdigest.com/cardiology-and-electrophysiology-considerations-ehlers-danlos-syndrome-and-variants-including-hypermobile-syndromes>

Troy Camarata, Ph.D.

Assistant Professor, Basic Sciences, NYITCOM at A-State

Slieman, T., & Camarata, T. (2019). Case-based group learning using concept maps to achieve multiple educational and behavioral outcomes. *Journal of Medical Education and Curricular Development*. doi: 10.1177/2382120519872510.

Thigpen, C., Best, L., & Camarata, T. (2019). Comparative morphology and allometry of select extant cryptodiran turtle kidney. *Zoomorphology*, 139, 111-121. doi: 10.1007/s00435-019-00463-3.

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

Assistant Professor, Biomedical Sciences

Carrillo-Sepulveda, M.A., Panackal, A., Maracheril, R., Maddie, N., Patel, M.N., Ojamaa, K., Savinova, O.V., & Gerdes, A.M. (2019). Triiodothyronine reduces vascular dysfunction associated with hypertension by attenuating protein kinase G/vasodilator-stimulated phosphoprotein signaling. *The Journal of Pharmacology and Experimental Therapeutics*, 371(1), 88-94. doi:10.1124/jpet.119.260471.

Vargas, E., Carrillo-Sepulveda, M.A. (2019, April 21). Biochemistry, Insulin, Metabolic Effects. *StatPearls* [Internet]. Treasure Island, FL: StatPearls Publishing.

Vargas, E., Podder, V., Carrillo-Sepulveda, M.A. (2019, August 18). Physiology, Glucose Transporter Type 4 (GLUT4). *StatPearls* [Internet]. Treasure Island, FL: StatPearls Publishing.

Todd J. Cohen, M.D.

Professor, Chief of Cardiology, & Director of Medical Device Innovation

Cohen, T.J., Needleman, B.S., Harper, B., Balentine, J. (2019). The Long Island Heart Rhythm Center: Using digital health innovation to create a new paradigm in the EP office-based practice. *EP Lab Digest*, 19(3), 27-29. Accessed from <https://www.eplabdigest.com/long-island-heart-rhythm-center-using-digital-health-innovation-create-new-paradigm-ep-office-based-practice>.

Cohen, T.J., Riley, B., Choi, D., Bitterman, A., Zwibel, H., & Bono, N.A. (2019). Cardiology and electrophysiology considerations of Ehlers-Danlos syndrome and variants, including hypermobile syndromes. *EP Lab Digest*, 19(11), 25-27. Retrieved from <https://www.eplabdigest.com/cardiology-and-electrophysiology-considerations-ehlers-danlos-syndrome-and-variants-including-hypermobile-syndromes>

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A. Martin Gerdes, Ph.D.

Professor and Chairperson, Biomedical Sciences

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Michael C. Granatosky, Ph.D.

Assistant Professor, Anatomy

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Patricia Happel, D.O.

Associate Professor, Department of Family Medicine and Director of Interprofessional Education

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

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Min-Kyung Jung, Ph.D.

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

Associate Professor, Biomedical Sciences

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Kaie Ojamaa, Ph.D.

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Associate Professor, Director, Academic Medicine Scholars Program

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Bernadette Riley, D.O., FACOFP, FILM

Director, Ehlers-Danlos Syndrome/Hypermobility Treatment Center

Associate Professor, Department of Family Medicine

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Olga V. Savinova, Ph.D.

Assistant Professor, Biomedical Sciences

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Randy F. Stout Jr., Ph.D.

Assistant Professor, Biomedical Sciences

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Jennifer Y. Xie, Ph.D.

Assistant Professor, Biomedical Sciences, NYITCOM at A-State

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Sheldon C. Yao, D.O.

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Dong Zhang, Ph.D.

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

Associate Professor, Biomedical Sciences

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Haotian Zhao, Ph.D.

Associate Professor, Biomedical Sciences

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(*Co-corresponding author)

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Hallie Zwibel, D.O., MPH

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

Cohen T.J., Riley B., Choi D., Bitterman A., Zwibel H., & Bono N.A. (2019). Cardiology and electrophysiology considerations of Ehlers-Danlos syndrome and variants, including hypermobile syndromes. *EP Lab Digest*, 19(11), 25-27. Retrieved from <https://www.eplabdigest.com/cardiology-and-electrophysiology-considerations-ehlers-danlos-syndrome-and-variants-including-hypermobile-syndromes>

DiFrancisco-Donoghue, J., Balentine, J., Schmidt, G., Zwibel, H. (2019). Managing the health of the eSport athlete: an integrated health management model. *BMJ Open Sport & Exercise Medicine*, 5(1), e000467. doi: 10.1136/bmjsem-2018-000467.

Zwibel, H., DiFrancisco-Donoghue, J., DeFeo, A., & Yao, S. (2019). An osteopathic physician's approach to the Esports athlete. *Journal of the American Osteopathic Association*, 119(11), 756-762. doi: 10.7556/jaoa.2019.125.

II. Presenters at Meetings and Conferences

Brian L. Beatty, Ph.D.

Associate Professor, Anatomy

Coombs, E.J., Churchill, M., Geisler, J., Beatty, B., Park, T., & Goswami, A. (2019, July). *Ecological influences on cranial morphology in whales*. Abstract presented at the International Congress of Vertebrate Morphology Conference, Prague, Czech Republic. *Journal of Morphology*, 280(S1), S59. Abstract retrieved from <https://onlinelibrary.wiley.com/doi/epdf/10.1002/jmor.21003>

Kahn, S.A., Savinova, O., & Beatty, B.L. (2019, April). *A detailed explanation of the distribution of atherosclerosis in the pelvic cavity*. Abstract presented at the Experimental Biology Conference, Orlando, Fla. *The FASEB Journal*, 33(Issue 1 supplement), 496.59. Abstract retrieved from https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1_supplement.496.59

William Blazey, D.O.

Associate Professor, Family Medicine and Associate Dean, Academic Affairs

Blazey, W., Ryo, P., Laurent, B. (2019, April). *Developing a skills roadmap for the training and evaluation of entrustable professional activities*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM), Conference, Washington, D.C.

Granat, L.M., Weinstein, A., McMahon, D. Hutak, C., Krishnamachari, B., Blazey, W., Chan, T. (2019, June). *The effects of early clinical exposure on the professional assessment rating scale*. Poster presented at the International Association of Medical Science Educators (IAMSE), Roanoke, Va.

Weinstein, A., Granat, L.M., McMahon, D., Wadsworth, N., Hutak, C., Krishnamachari, B., Blazey, W., Chan, T. (2019, April). *A multivariable assessment of factors that influence residency specialty choice*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM), Washington, D.C.

Jason M. Bourke, Ph.D.

Assistant Professor, Basic Sciences, NYITCOM at A-State

Bourke, J.M. (2019, March). *Digital simulations breathe new insight into dinosaur physiology: The need for nasal air conditioning*. Poster presented at the Biological Sciences Spring Seminar Series, NYITCOM-Arkansas, Jonesboro, Ar.

Bourke, J., Gates, T.A., Zanno, L.E. (2019, October). *Nasal passage growth through ontogeny in the lambeosaurine *Parasaurolophus* (Ornithopoda: Dinosauria)*. Poster presented at the 79th Annual Meeting of the Society of Vertebrate Paleontology, Brisbane, Queensland, Australia.

Fontenot, N., Kouts, J., & Bourke, J. (2019, April). *Case of the missing head: A case report on a cadaveric discovery of a unilaterally absent medial head of the gastrocnemius*. Poster presented at the 34th Annual Meeting of the Arkansas Osteopathic Medical Association Conference, Branson, Mo.

Turner, S.D., Jones, C.D., Kay, D.I., Bourke, J.M., Alexander, A., & O'Brien, H.D. (2019, April). *Computational heat transfer modeling of the Artiodactyl Carotid Rete*. Poster presented at the Experimental Biology Meeting, Orlando, Fla.

Troy Camarata, Ph.D.

Assistant Professor, Basic Sciences, NYITCOM at A-State

Camarata, T. (2019, April). *Learning Objectives, Exam Item Writing, and Time Management: A Prematriculation Program*. Oral presentation at the Educating Leaders American Association of Colleges of Osteopathic Medicine (AACOM) annual conference, Washington D.C.

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

Assistant Professor, Biomedical Sciences

Ahmed, E., Carrillo-Sepulveda, M.A. (2019, April). *Maternal overconsumption of high fructose corn syrup causes hypoxia in placenta and fetal livers of Wistar rats*. Poster presented at the Experimental Biology Meeting, Orlando, Fla.

Carrillo-Sepulveda, M.A. (2019, October). *Western diet induces obesity and hypertension through PPAR γ mechanisms*. Invited Speaker at the Cold Spring Harbor Laboratories Seminar. Cold Spring Harbor, N.Y.

Carrillo-Sepulveda, M.A. (2019, April). *Diabetes: A metabolic karma*. Chair of the Section, American Physiological Society, Experimental Biology Meeting, Orlando, Fla.

Carrillo-Sepulveda, M.A. (2019, September). *Downregulation of perivascular adipose tissue PPAR Gamma in western diet-induced persistent vascular dysfunction in female rats*. Invited Speaker at the Hypertension Scientific Section, American Heart Association, New Orleans, La.

Ganesh, Z.A., Kazim, M., Maddie, N., Ramos, R.L., Carrillo-Sepulveda, M.A. (2019, April). *Diabetes decreases HDAC7 expression and increases lysine acetylation in bladder tissue from Type 1 diabetic rats: a potential posttranslational mechanism in diabetic bladder dysfunction*. Poster presented at the Experimental Biology Meeting, Orlando, Fla.

Lutz, O., Yakoub, B., Carrillo-Sepulveda, M.A. (2019, April). *Impaired vasodilation is associated with vascular smooth muscle dysfunction and increased expression of PCAF Acetyltransferase in a murine model of Type 2 Diabetes*. Poster presented at the Experimental Biology Meeting, Orlando, Fla.

Persand, D., Carrillo-Sepulveda, M.A. (2019, April). *Western diet-induced metabolic memory and persistent vascular dysfunction in female rats*. Oral presentation at the Endocrinology & Metabolism Section, American Physiological Society, Experimental Biology Meeting, Orlando, Fla.

Soultan, K.M., Carrillo-Sepulveda, M.A. (2019, April). *Western diet increases HMGB1 levels and activates cardiac and hepatic Toll-like receptor 4 (TLR4) signaling in male mice*. Poster presented at the Experimental Biology Meeting, Orlando, Fla.

Thomas Chan, D.O.

Assistant Professor and Chairperson

Granat, L.M., Weinstein, A., McMahon, D., Hutak, C., Krishnamachari, B., Blazey, W., Chan, T. (2019, June). *The effects of early clinical exposure on the professional assessment rating scale*. Poster presented at the International Association of Medical Science Educators (IAMSE), Roanoke, Va.

Weinstein, A., Granat, L.M., McMahon, D., Wadsworth, N., Hutak, C., Krishnamachari, B., Blazey, W., Chan, T. (2019, April). *A multivariable assessment of factors that influence residency specialty choice*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM), Washington, D.C.

Todd J. Cohen, M.D.

Professor, Chief of Cardiology, & Director of Medical Device Innovation

Cohen, T.J. (2019, May). *Speed dating and new concepts*. Invited Speaker and Sessions Moderator for both the morning and afternoon sessions at the Stanford Biodesign New Arrhythmia Technologies Retreat co-sponsored with Heart Rhythm's Annual Scientific Session, Stanford, Calif.

Cohen, T.J. (2019, November). *Athletes with Cardiac Challenges*. Speaker at the NYIT Sports Medicine Conference, NYITCOM, Long Island Campus.

Cohen, T.J. (2019, November). *Cardiovascular effects of Ehlers-Danlos Syndrome and Hypermobility Syndromes*. Presentation at the Patient and Provider Symposium, Ehlers-Danlos Syndrome/Hypermobility Treatment Center, NYITCOM, Long Island Campus.

Greco, L.V., Migirov, A., Meshoyrer, D.I., Li, Y., Cohen, T.J., & Zhang, Y. (2019, November). *Stabilizing ryanodine receptor with Dantrolene prevents binge alcohol induced atrial fibrillation in rats*. Abstract presented at the American Heart Association Scientific Session, Philadelphia, Pa. *Circulation*, 140 (Suppl_1), A14612. Retrieved from https://www.ahajournals.org/doi/10.1161/circ.140.suppl_1.14612

Joanne DiFrancisco-Donoghue, Ph.D., RCEP.
Associate Professor and Director, Clinical Research

DeFeo, A., Zwibel, H., Donoghue, J., Terzella, M.J., & Yao, S. (2019, March). *Treating video game induced neck pain with counterstrain*. Poster presented at the American Academy of Osteopathy- Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

DiFrancisco-Donoghue, J., Werner, W.G., Krishnamachari, B., Arabian, K., Thomas, E., Granger, D.A., & Gallagher, R. (2019, September). *Serum uric acid levels and cognitive function in Parkinson's Disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/serum-uric-acid-levels-and-cognitive-function-in-parkinsons-disease/>

Yao, S., Docherty, J.E.B., Mancini, J., Leder, A., DiFrancisco-Donoghue, J. (2019, September). *Osteopathic manipulative medicine to improve balance and quality of life in Parkinson Disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/osteopathic-manipulative-medicine-to-improve-balance-and-quality-of-life-in-parkinson-disease/>

Zwibel, H., Chinsky, R., & DiFrancisco-Donoghue, J. (2019, May). *The Esport health model*. Presentation at the American College of Sports Medicine Sixty-Sixth Annual Meeting, Orlando, Fla.

A. Martin Gerdes, Ph.D.
Professor and Chairperson, Biomedical Sciences

Gilani, N., Zhang, K., Zhang, Y., Gerdes, A.M., & Ojamaa, K. (2019, November). *Thyroid hormones maintain functional T-tubule networks in cardiomyocytes*. Abstract presented at the American Heart Association Scientific Sessions, Philadelphia, Pa. *Circulation*, 140(Suppl_1), 15920. Retrieved from https://www.ahajournals.org/doi/abs/10.1161/circ.140.suppl_1.15920

Zolotareva, N., Weick, R-A., Shimin, A., Lee, J.S., Zhang, Y., Gerdes, A.M., & Ojamaa, K. (2019, April). *Thyroid hormone deficiency adversely affects cardiomyocyte T-tubule structure and function*. Poster presented at the Experimental Biology Annual Conference, Orlando, Fla.

Jonathan H. Geisler, Ph.D.
Associate Professor and Chairperson, Anatomy

Coombs, E.J., Churchill, M., Geisler, J., Beatty, B., Park, T., & Goswami, A. (2019, July). *Ecological influences on cranial morphology in whales*. Abstract presented at the International Congress of Vertebrate Morphology Conference, Prague, Czech Republic. *Journal of Morphology*, 280(S1), S59. Abstract retrieved from <https://onlinelibrary.wiley.com/doi/epdf/10.1002/jmor.21003>

Leslie Goldstein, Pharm.D
Associate Professor, Clinical Sciences

Burg, B., Goldstein, L., Sheflin, K., Jeger, A. (2019, April). *The Émigré Physicians' experiences before, while, and after attending an American osteopathic medical school: a cross-sectional, mixed methods study, convergent design*. PowerPoint presentation at the American Association of Colleges of Osteopathic Medicine (AACOM), Washington, D.C.

Simone Hoffmann, Ph.D.
Assistant Professor, Anatomy

Hoffmann, S. (2019, April). *Striking convergence in gondwanatherian inner ear morphology*. Presentation at the Northeastern Regional Vertebrate Symposium, NYIT-Long Island Campus.

Hurdle, K., Molnar, J., & Hoffmann S. (2019, April). *MicroCT for all*. Poster presented at the Northeastern Regional Vertebrate Symposium, Long Island Campus.

Fakhry, L., Smith, L., Pan, K., & Hoffmann, S. (2019, March). *Semicircular canal morphology in the earliest fossil mammals*. Presentation at the Science and Technology Entry Program (STEP) Statewide Student Conference, Albany, N.Y.

Skonieczny, K., D'Emic, M., & Hoffmann S. (2019, April). *Do look a gifted Coryphodon in the mouth*. Presentation at the Northeastern Regional Vertebrate Symposium, NYIT-Long Island Campus.

Yuan Huang, M.S., M.D.
Instructor, Biomedical Sciences

Kobayashi, S., Zhao, F., Huang, Y., Kobayashi, T., Liang, Q. (2019, June). *An impaired mitophagy-lysosome system contributes to hyperglycemic cardiotoxicity*. Poster presented at the American Diabetes Association 79 th Scientific Sessions, San Francisco, Calif.

Patel, J., Kobayashi, S., Zhao, F., Huang, Y., Kobayashi, T., Liang, Q. (2019, June). *An impaired mitophagy-lysosome system contributes to hyperglycemic cardiotoxicity*. Poster presented at the New York City Area Inter-Institutional Cardiovascular Seminar Series, NYIT-Long Island Campus.

Bhavesh Joshi, D.O., CAQSM
Assistant Professor, Clinical Medicine - NYITCOM at A-State

Joshi, B. (2019, March). *Bodies in Motion: An Osteopathic Approach*. NYCOMEC Blue Webinar, <https://nycomec.org/nycomec-blue-webinars>

Joshi, B. (2019, April). *Medical education's perspective on the approach to complex brain*. Speaker at the Social Work Spring Conference, Arkansas State University, Jonesboro, Ar.

Joshi, B. (2019, April). *On-field evaluation, management, and transport of suspected cervical spine injury for the family physician*. Speaker at the New York State Osteopathic Medical Society (NYSOMS), Regional Osteopathic Convention (ROC-NY), Hauppauge, N.Y.

Joshi, B. (2019, May). *Sideline joint relocation*. Speaker at the American Osteopathic Academy of Sports Medicine Annual Conference, Austin, Texas.

Joshi, B. (2019, May). *Mentoring!* Speaker at the NYITCOM at A-State Jonesboro Young Professionals Network, Jonesboro, Ar.

Joshi, B. (2019, May). *The role of patient-facing technologies to empower patients and improve safety*. Speaker at the Region 4 Prevention Empowerment Conference, Arkansas State University, Jonesboro, Ar.

Joshi, B. (2019, September). *Special Olympics*. Virtual presentation at the Sports Medicine Conference, Long Island Campus.

Satoru Kobayashi, Ph.D.
Instructor, Biomedical Sciences

Bantis, K., Kobayashi, S., Liang, Q. (2019, April). *Mitophagy regulates time-dependent differential effects of fasting in adult mice*. Poster presented at the New York State Osteopathic Medical Society (NYSOMS) Student Experimental Research Scientific Poster Competition, Hauppauge, N.Y. First place winner.

Bantis, K., Kobayashi, S., Zhang, Y., & Liang, Q. (2019, September). *The role of FUNDC1 in the heart during fasting*. Poster presented at the 2019 National Heart, Lung, and Blood Institute (NHLBI) Mitochondrial Biology Symposium, Bethesda, Md.

Bantis, K., Kobayashi, S., Zhang, Y., & Liang, Q. (2019, October). *FUNDC1 is required for the maintenance of normal cardiac function during fasting*. Poster presented at the American Osteopathic Association (AOA) Osteopathic Medical Conference and Exposition (OMED) Conference, Baltimore, Md.

Del Pozzo, J., Mehta, P., Cai, F., Li, C., Kobayashi, S., & Liang, Q. (2019, September). *Unexpected role of adenosine-monophosphate activated protein kinase in doxorubicin cardiotoxicity and metformin-mediated cardioprotection*. Platform presentation at the 23rd Annual Scientific Meeting of Heart Failure Society of America (HFSA), Philadelphia, Pa.

Kobayashi, S., Zhao, F., Huang, Y., Kobayashi, T., Liang, Q. (2019, June). *An impaired mitophagy-lysosome system contributes to hyperglycemic cardiotoxicity*. Poster presented at the American Diabetes Association 79 th Scientific Sessions, San Francisco, Calif.

Nagaria, O., Singh, S., Kabir, R., Kobayashi, S., Kobayashi, T., Liang, Q. (2019, April). *Kinetin is sufficient to accelerate mitophagy flux in H9c2 cardiac myoblast cells*. Poster presented at the Experimental Biology Meeting, Orlando, Fla.

Patel, B.M., Chaudhry, A., Kobayashi, S., & Liang, Q. (2019, September). *Transcription factor EB and it's potential protective role in hyperglycemic cardiotoxicity*. Poster presented at the 23rd Annual Scientific Meeting of Heart Failure Society of America (HFSA), Philadelphia, Pa.

Patel, Y., Kobayashi, S., Kobayashi, T., & Liang, Q. (2019, September). *Impaired mitophagy leads to cardiac dysfunction in diabetic and high fat fed mice*. Poster presented at the National Heart, Lung, and Blood Institute NHLBI Mitochondrial Biology Symposium, Bethesda, Md.

Patel, J., Kobayashi, S., Liang, Q. (2019, July). *Increased mitophagy and lysophagy in high fat diet/streptozotocin-induced diabetic cardiomyopathy*. Poster presented at the American Heart Association Basic Cardiovascular Sciences 2019 Scientific Sessions, Boston, Mass.

Patel, B.M., Kobayashi, S., Liang, Q. (2019, September). *Transcription factor EB accelerates mitophagy flux in cardiac myoblast cells*. Poster presented at the Heart Failure Society of America (HFSA) 23rd Annual Scientific Meeting, Philadelphia, Pa.

Patel, J., Kobayashi, S., Zhao, F., Huang, Y., Kobayashi, T., Liang, Q. (2019, June). *An impaired mitophagy-lysosome system contributes to hyperglycemic cardiotoxicity*. Poster presented at the New York City Area Inter-Institutional Cardiovascular Seminar Series, NYIT-Long Island Campus.

Patel, J., Kobayashi, S., Zhang, Y., Liang, Q. (2019, September). *Cardiac dysfunction in high fat diet fed diabetic mice is associated with enhanced mitophagy*. Poster presented at the National Heart, Lung, and Blood Institute (NHLBI) Mitochondrial Biology Symposium, Bethesda, Md.

Patricia Kooyman, D.O.

Associate Professor, Osteopathic Manipulative Medicine

Smith, J., Jung, M.K., Docherty, J.E.B., Kooyman, P., Yao, S.C. (2019, October). *The efficacy of treating thoracic cage counterstrain tender points with varied mobile point time durations in a classroom setting*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e123. doi: 10.7556/jaoa.2019.128. Awarded second place in the poster competition.

Bhuma Krishnamachari, Ph.D.

Associate Professor, Clinical Specialties; Assistant Dean, Research

Granat, L.M., Weinstein, A., McMahon, D. Hutak, C., Krishnamachari, B., Blazey, W., Chan, T. (2019, June). *The effects of early clinical exposure on the professional assessment rating scale*. Poster presented at the International Association of Medical Science Educators (IAMSE), Roanoke, Va.

Weinstein, A., Granat, L.M., McMahon, D., Wadsworth, N., Hutak, C., Krishnamachari, B., Blazey, W., Chan, T. (2019, April). *A multivariable assessment of factors that influence residency specialty choice*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM), Washington, D.C.

DiFrancisco-Donoghue, J., Werner, W.G., Krishnamachari, B., Arabian, K., Thomas, E., Granger, D.A., & Gallagher, R. (2019, September). *Serum uric acid levels and cognitive function in Parkinson's Disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/serum-uric-acid-levels-and-cognitive-function-in-parkinsons-disease/>

Isaac Kurtzer, Ph.D.

Assistant Professor, Biomedical Sciences

Kurtzer I., Negro F., Thompson C. (2019, October). *Motor unit activation underlying upper limb reflexes to a mechanical perturbation*. Poster presented at the Society for Neuroscience Annual Conference, Chicago, Ill.

Brookshield Laurent, D.O.

Assistant Professor and Chairperson, Clinical Sciences- NYITCOM at A-State

Blazey, W., Ryo, P., Laurent, B. (2019, April). *Developing a skills roadmap for the training and evaluation of entrustable professional activities*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM), Conference, Washington, D.C.

Adena Leder, D.O., FAAN

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

Ghaffar, A., Gallagher, R., McLeod, C., & Leder, A. (2019, September). *Procedural memory changes of Parkinson disease patients post participation in boxing*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/procedural-memory-changes-of-parkinsons-disease-patients-post-participation-in-boxing/>

Ghaffar, A., Gallagher, R., Rubin, L., Dharia, S., Ketigian, L., Whalen, J., Scheid, Z., Patel, K., Zhu, J., Michaelides, C., Leder A. (2019, September). *Effect of non-contact boxing on non-motor symptoms in Parkinson's disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/effect-of-non-contact-boxing-on-non-motor-symptoms-in-parkinsons-disease/>

Kamath, K.B., Kodali, V.P., Olenyk, C.E., Roselli, C.M., Ghaffar, A., Gallagher, R., Leder, A.N. (2019, October). *Does a single bout of Rock Steady Boxing improve procedural memory?* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e109. doi: 10.7556/jaoa.2019.128. Awarded first place student poster competition.

Leder, A. (2019, July). *Does rock steady boxing improve procedural memory.* Presentation at the Movement-Body and Cognition Conference, Tel Aviv, Israel.

Yao, S., Docherty, J.E.B., Mancini, J., Leder, A., DiFrancisco-Donoghue, J. (2019, September). *Osteopathic manipulative medicine to improve balance and quality of life in Parkinson Disease.* Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/osteopathic-manipulative-medicine-to-improve-balance-and-quality-of-life-in-parkinson-disease/>

To Shan Li, D.O.

Associate Professor, Osteopathic Manipulative Medicine

Li, T.S. (2019, February). *Ten things you may not realize about Osteopathic Manipulative Medicine.* NYOMEC Blue Webinar, <https://nycomec.org/nycomec-blue-webinars>.

Valasareddi, S., Mathai, M., Li, T.S., Yao, S., Mancini, J. (2019, October). *Constipation in Parkinson's Disease improved by an osteopathic manipulative medicine in a repeated measures study.* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e129. doi: 10.7556/jaoa.2019.128. Awarded first place student poster competition.

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

Associate Professor, Biomedical Sciences

Bantis, K., Kobayashi, S., Liang, Q. (2019, April). *Mitophagy regulates time-dependent differential effects of fasting in adult mice.* Poster presented at the New York State Osteopathic Medical Society (NYSOMS) Student Experimental Research Scientific Poster Competition, Hauppauge, N.Y. First place winner.

Bantis, K., Kobayashi, S., Zhang, Y., & Liang, Q. (2019, September). *The role of FUNDC1 in the heart during fasting.* Poster presented at the National Heart, Lung, and Blood Institute (NHLBI) Mitochondrial Biology Symposium, Bethesda, Md.

Bantis, K., Kobayashi, S., Zhang, Y., & Liang, Q. (2019, October). *FUNDC1 is required for the maintenance of normal cardiac function during fasting.* Poster presented at the American Osteopathic Association (AOA) Osteopathic Medical Conference and Exposition (OMED) Conference, Baltimore, Md.

Del Pozzo, J., Mehta, P., Cai, F., Li, C., Kobayashi, S., & Liang, Q. (2019, September). *Unexpected role of adenosine-monophosphate activated protein kinase in doxorubicin cardiotoxicity and metformin-mediated cardioprotection*. Platform presentation at the 23rd Annual Scientific Meeting of Heart Failure Society of America (HFSA), Philadelphia, Pa.

Kobayashi, S., Zhao, F., Huang, Y., Kobayashi, T., Liang, Q. (2019, June). *An impaired mitophagy-lysosome system contributes to hyperglycemic cardiotoxicity*. Poster presented at the American Diabetes Association 79 th Scientific Sessions, San Francisco, Calif.

Liang, Q. (2019, September). *Altered lipidomic profile and dysfunctional mitophagy-lysosome pathway in the diabetic mouse heart*. Invited Speaker at the 59th Annual Meeting of the Japan Society of Clinical Chemistry, Sendai, Japan.

Nagaria, O., Singh, S., Kabir, R., Kobayashi, S., Kobayashi, T., Liang, Q. (2019, April). *Kinetin is sufficient to accelerate mitophagy flux in H9c2 cardiac myoblast cells*. Poster presented at the Experimental Biology Meeting, Orlando, Fla.

Patel, J., Kobayashi, S., Liang, Q. (2019, July). *Increased mitophagy and lysophagy in high fat diet/streptozotocin-induced diabetic cardiomyopathy*. Poster presented at the American Heart Association Basic Cardiovascular Sciences 2019 Scientific Sessions, Boston, Mass.

Patel, B.M., Kobayashi, S., Liang, Q. (2019, September). *Transcription factor EB accelerates mitophagy flux in cardiac myoblast cells*. Poster presented at the Heart Failure Society of America (HFSA) 23rd Annual Scientific Meeting, Philadelphia, Pa.

Patel, J., Kobayashi, S., Zhang, Y., Liang, Q. (2019, September). *Cardiac dysfunction in high fat diet fed diabetic mice is associated with enhanced mitophagy*. Poster presented at the National Heart, Lung, and Blood Institute (NHLBI) Mitochondrial Biology Symposium, Bethesda, Md.

Patel, J., Kobayashi, S., Zhao, F., Huang, Y., Kobayashi, T., Liang, Q. (2019, June). *An impaired mitophagy-lysosome system contributes to hyperglycemic cardiotoxicity*. Poster presented at the New York City Area Inter-Institutional Cardiovascular Seminar Series, NYITCOM, Long Island Campus.

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

Assistant Professor, Osteopathic Manipulative Medicine

Morris, J., Shah, J., Zwibel, H., Mancini, J., Yao, S. (2019, October). *Osteopathic manipulative medicine vs. counseling in the treatment of sports-related concussion: Comparative balance assessment*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e124. doi: 10.7556/jaoa.2019.128.

Morris, J., Zwibel, H., Mancini, J., & Yao, S. (2019, May). *Comparative post-concussion improvement in cognitive testing parameters between athletes treated with osteopathic manipulative medicine versus counseling alone*. Poster presented at the American Osteopathic Academy of Sports Medicine (AOASM), Austin, Texas.

Valasareddi, S., Mathai, M., Li, T.S., Yao, S., Mancini, J. (2019, October). *Constipation in Parkinson's Disease improved by an osteopathic manipulative medicine in a repeated measures study*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e129. doi: 10.7556/jaoa.2019.128. Awarded first place student poster competition.

Yao, S., Docherty, J.E.B., Mancini, J., Leder, A., DiFrancisco-Donoghue, J. (2019, September). *Osteopathic manipulative medicine to improve balance and quality of life in Parkinson Disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/osteopathic-manipulative-medicine-to-improve-balance-and-quality-of-life-in-parkinson-disease/>

Kaie Ojamaa, Ph.D.

Professor, Biomedical Sciences

Gilani, N., Zhang, K., Zhang, Y., Gerdes, A.M., & Ojamaa, K. (2019, November). *Thyroid hormones maintain functional T-tubule networks in cardiomyocytes*. Abstract presented at the American Heart Association Scientific Sessions, Philadelphia, Pa. *Circulation*, 140(Suppl_1), 15920. Retrieved from https://www.ahajournals.org/doi/abs/10.1161/circ.140.suppl_1.15920

Greco, L.V., Zhang, C., Li, Y., Ojamaa, K., & Zhang, Y. (2019, November). *Low-level vagal nerve stimulation decreases cardiac ryanodine receptor phosphorylation and atrial fibrillation inducibility in a rat heart failure model*. Abstract presented at the American Heart Association Scientific Sessions, Philadelphia, Pa. *Circulation*, 140(1), 14564.

Zolotareva, N., Weick, R-A., Shimin, A., Lee, J.S., Zhang, Y., Gerdes, A.M., & Ojamaa, K. (2019, April). *Thyroid hormone deficiency adversely affects cardiomyocyte T-tubule structure and function*. Poster presented at the Experimental Biology Annual Conference, Orlando, Fla.

Charles Pavia, Ph.D.

Associate Professor, Biomedical Sciences

Pavia, C.S., Masters, E., & Nadelman, R. (2019, June). *Comparative analysis of the erythema migrans (EM) rash associated with Lyme disease and the Em-like rash of Southern tick-associated rash illness (STARI)*. Poster presented at the American Society for Microbiology (ASM) Conference, San Francisco, Calif.

Maria A. Pino, Ph.D.

Assistant Professor, Clinical Sciences

Atnas, M., Blazey, W., Koehler, S., Pino, M.A. (2019, April). *Loans and income potential on the choice of residency for osteopathic medical students*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM), Washington, D.C.

Binstock, J.M., Pino, M.A. (2019, June). *A Physicians' perspective on their preclinical medical school curriculum*. Poster presented at the International Association of Medical Science Educators (IAMSE), Roanoke, Va.

Maria M. Plummer, M.D.

Associate Professor, Clinical Sciences

Moussouros, D.J., Plummer, M.M., Savinova, O.V. (2019, February). *Intracranial microvascular calcification: A cadaveric study*. Presentation at the International Stroke Conference, Honolulu, Hawaii. Retrieved from https://www.ahajournals.org/doi/10.1116/str.50.suppl_1.TP146

Viswanathan Rajagopalan, Ph.D.

Assistant Professor, Basic Sciences, NYITCOM at A-State

Krishnan, P., Rajagopalan, V., Morshed, B.I. (2019, October). *A novel severity index of heart disease from beat-wise analysis of ECG using simulink fuzzy logic for smart-health*. Podium presentation at the IEEE International Conference on Consumer Electronics, Las Vegas, Nev.

Gorecki, M., Rajagopalan, V., Costello, C., Zhang, Y., Schultz, E., Savinova, O., Gerdes, A.M. (2019, September). *Cardioprotection by thyroid hormones following severe calorie restriction mediated by long noncoding RNAs*. Poster presented at the Arkansas Biosciences Institute Symposium, Jonesboro, Ar.

Raddy L. Ramos, Ph.D.

Associate Professor, Biomedical Sciences

Aslanyan, L., Lee, H., Ekhar, V., Martinez, L.R., Ramos, R.L. (2019, October). *Methamphetamine impairs IgG1-mediated phagocytosis and killing of cryptococcus neoformans by macrophage and microglia cell lines in vitro*. Poster presented at the Society for Neuroscience Annual Meeting, Chicago, Ill. <https://www.abstractsonline.com/pp8/#!/7883/presentation/59505>.

Fatima, N., Ahmed, S., Oliva, G.D., Tsivitis, A.H., Ramos, R.L., Savinova, O.V. (2019, October). Does endothelial tissue-nonspecific alkaline phosphatase (TNAP) play a role in intracranial calcification? Abstract presented at the Osteopathic Medical Conference & Exposition (OMED 2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), doi: 10.7556/jaoa.2019.128.

Meng, M., Graybill, P., Ramos, R.L., Javan-Khoshkholgh, A., Farajidavar A., & Kiani M. (2019, July). *An ultrasonically powered wireless system for in vivo gastric slow-wave recording*. Oral Presentation at the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). In *Proceedings of the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 7064-7067. doi: 10.1109/EMBC.2019.8857243.

Ramos, R.L., Uts, A., Singla, P., Kampton, E., Mayr, Y., Rochon, C., Millan, J., Savinova, O. (2019, October). *Spatial and temporal profile of intracranial vascular calcification in a mouse model with endothelial upregulation of tissue-nonspecific alkaline phosphatase*. Poster presented at the Society for Neuroscience Annual Meeting, Chicago, Ill.
<https://www.abstractsonline.com/pp8/#!/7883/presentation/53640>.

Uts, A., Mayr, Y., Singla, P., Khan, M., Kampton, E., Millán, J.L., Savinova, O.V., Ramos, R.L. (2019, February). *Upregulation of tissue-nonspecific alkaline phosphatase in endothelial cells leads to intracranial vascular calcification: A useful model of primary familial brain calcification*. Abstract presented at the International Stroke Conference, Honolulu, Hawaii.

Bernadette Riley, D.O., FACFP, FILM
Director, Ehlers-Danlos Syndrome/Hypermobility Treatment Center
Associate Professor, Department of Family Medicine

Riley, B. (2019, March). *Women, Medicine & Leadership*. Convention Education Program Vice-Chair at the American College of Osteopathic Family Physicians Annual Convention and Scientific Sessions (ACOFP'19), Chicago, Ill.

Riley, B. (2019, April). *New York State Osteopathic Medical Society (NYSOMS) Regional Osteopathic Conference*. Moderator and Chair, Hauppauge, N.Y.

Riley, B. (2019, April). *The Professionalism Continuum*. Moderator of a panel discussion at New York College for Osteopathic Medicine Educational Consortium (NYCOMEC) Faculty Development Symposium, DeSeversky Center, Old Westbury, N.Y.

Riley, B. (2019, November). *Ehlers-Danlos Syndrome Treatment Center Patient and Provider Symposium*. [Organizer, Speaker, Moderator], NYITCOM Academic Health Care Center, Riland Auditorium, Long Island Campus.

Riley, B. (2019, November). *The Hypermobile Athlete*. Speaker at the Sports Medicine Conference, NYITCOM, Serota Building, Long Island Campus.

Paula Ryo, D.O.
Assistant Professor, Director of Simulation Education

Blazey, W., Ryo, P., Laurent, B. (2019, April). *Developing a skills roadmap for the training and evaluation of entrustable professional activities*. Poster presented at the American Association of Colleges of Osteopathic Medicine (AACOM), Conference, Washington, D.C.

Gregory P. Saggio, D.O.

Associate Professor, Department of Clinical Specialties

Chait, J.D., Carmichael, D.J., Bandovic, I., Vasilyev, A., & Saggio, G. (2019, March). *Construct validity of virtual reality to teach hepatobiliary pathophysiology to preclinical medical students*. Abstract presented at the Americas-Hepato-Pancreato-Biliary Association (AHPBA) annual meeting, Miami Beach, Fla.

Chait, J.D., Carmichael, D.J., Bandovic, I., Vasilyev, A., & Saggio, G. (2019, March). *Development of an interactive virtual reality hepatobiliary system for preclinical medical education*. Poster presented at the Americas-Hepato-Pancreato-Biliary Association (AHPBA) annual meeting, Miami Beach, Fla.

Olga V. Savinova, Ph.D.

Assistant Professor, Biomedical Sciences

Abdelmassih, G., Kosciuszek, N., Oliva, G., Carka, D., & Savinova, O. (2019, November). *Effects of surface roughness on the blood flow in calcified arteries: a fluid-structure interaction model*. Poster presented at the American Heart Association (AHA) Scientific Sessions, Philadelphia, Pa. *Circulation*, 140(1), A14841. Retrieved from https://www.ahajournals.org/doi/abs/10.1161/circ.140.suppl_1.14841

Alemu, S., Quadri, S., Savinova, O.V. (2019, October). *Examining interstitial cajal cell networks using a mice model to study effect of calcification induced heart failure on GI dysmotility*. Abstract presented at the Osteopathic Medical Conference & Exposition (OMED 2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), doi: 10.7556/jaoa.2019.128. Second place winner Basic Research.

Fatima, N., Ahmed, S., Oliva, G.D., Tsivitis, A.H., Ramos, R.L., Savinova, O.V. (2019, October). *Does endothelial tissue-nonspecific alkaline phosphatase (TNAP) play a role in intracranial calcification?* Abstract presented at the Osteopathic Medical Conference & Exposition (OMED 2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), doi: 10.7556/jaoa.2019.128.

Gitelman, S., Quadri, S., Dave, P., Patel, M.N., Savinova, O.V. (2019, August). *Echocardiographic study of wicked high cholesterol mice: a model of familial hypercholesterolemia*. Abstract presented at the NY Chapter of the American College of Cardiology, Riverside, N.Y.

Kahn, S.A., Savinova, O., & Beatty, B.L. (2019, April). *A detailed explanation of the distribution of atherosclerosis in the pelvic cavity*. Abstract presented at the Experimental Biology Conference, Orlando, Fla. *The FASEB Journal*, 33(Issue 1 supplement), 496.59. Abstract retrieved from https://www.fasebj.org/doi/10.1096/fasebj.2019.33.1_supplement.496.59

Kelly, I., Savinova, O., & Carka, D. (2019, August). *Fluid-structure interaction modeling of genetically engineered micro-calcification on abdominal aorta luminal surface in mice*. Poster presented at the 16th International Symposium on Computer Methods in Biomechanics and Biomedical Engineering (CMBBE), Columbia University, New York City. Abstract accessed from https://link.springer.com/chapter/10.1007/978-3-030-43195-2_48

Kong, E., Tsivitis, A.H., Singh, M., Ahmad, A.N., Begmatov, H., Millán, J.L., Savinova, O.V. (2019, May). *Regression of calcified atherosclerosis leads to adverse remodeling of the aortic root in a mouse model of familial hypercholesterolemia*. Abstract presented at the Vascular Scientific Sessions, Boston, Mass. Retrieved from https://www.ahajournals.org/doi/10.1161/atvb.39.suppl_1.307

Moussouros, D.J., Plummer, M.M., Savinova, O.V. (2019, February). *Intracranial microvascular calcification: A cadaveric study*. Abstract presented at the International Stroke Conference, Honolulu, Hawaii. Retrieved from https://www.ahajournals.org/doi/10.1161/str.50.suppl_1.TP146

Ramos, R.L., Uts, A., Singla, P., Kampton, E., Mayr, Y., Rochon, C., Millan, J., Savinova, O. (2019, October). *Spatial and temporal profile of intracranial vascular calcification in a mouse model with endothelial upregulation of tissue-nonspecific alkaline phosphatase*. Poster presented at the Society for Neuroscience Annual Meeting, Chicago, Ill. <https://www.abstractsonline.com/pp8/#!/7883/presentation/53640>.

Rodionov, R.N., Begmatov, H., Jarzebska, M., Patel, K., Mills, M.T., Ghani, Z., Khakshour, D., Tamboli, P., Patel, M., Abdall, M., Assaf, M., Bornstein, S.R., Millán, J.L., Bode-Böger, S.M., Martens-Loenhoffer, J., Weiss, N., Savinova, O.V. (2019, May). *Effect of oral homoarginine supplementation on survival, cardiac structure and function in a mouse model of calcified coronary artery disease*. Abstract presented at the Vascular Discovery Scientific Sessions, Boston, Mass. Retrieved from https://www.ahajournals.org/doi/10.1161/atvb.39.suppl_1.731

Shah, V., Hong, D., Pal, K., Kosciuszek, N., Alemu, S., Sing, M., Savinova, O.V. (2019, October). *Echocardiographic and vascular ultrasound study of mice with chronic kidney disease and hyperphosphatemia*. Abstract presented at the Osteopathic Medical Conference & Exposition (OMED 2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), doi: 10.7556/jaoa.2019.128.

Tsivitis, A.H., Schram, E.J., Mba, C.O., Singh, M., Olivia, G.D., Senese, R.J., Savinova, O.V. (2019, October). *Combined familial hypercholesterolemia and mineral bone disorder in chronic kidney disease: A micro-CT imaging protocol*. Abstract presented at the Eighth Annual Musculoskeletal Repair and Regeneration Symposium Albert Einstein College of Medicine, New York City.

Tsivitis, A.H., Schram, E.J., Singh, M., Oliva, G.D., Senese, R.J., Savinova, O.V. (2019, October). *Combined familial hypercholesterolemia and mineral bone disorder in chronic kidney disease: A mouse model*. Abstract presented at the Osteopathic Medical Conference & Exposition (OMED 2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), doi: 10.7556/jaoa.2019.128.

Uts, A., Mayr, Y., Singla, P., Khan, M., Kampton, E., Millán, J.L., Savinova, O.V., Ramos, R.L. (2019, February). *Upregulation of tissue-nonspecific alkaline phosphatase in endothelial cells leads to intracranial vascular calcification: A useful model of primary familial brain calcification*. Abstract presented at the International Stroke Conference, Honolulu, Hawaii. Retrieved from https://www.ahajournals.org/doi/10.1161/str.50.suppl_1.tMP104. Young Investigator Travel Award.

Karen Sheflin, D.O.

Associate Professor, Clinical Sciences

Burg, B., Goldstein, L., Sheflin, K., Jeger, A. (2019, April). *The Émigré Physicians' experiences before, while, and after attending an American osteopathic medical school: a cross-sectional, mixed methods study, convergent design*. PowerPoint presentation at the American Association of Colleges of Osteopathic Medicine (AACOM), Washington, D.C.

Nikos Solounias, Ph.D.

Professor, Anatomy

Solounias, N., Cydylo, M.A., Celebi, T., & Danowitz, M. (2019, July). *The anatomy of the giraffe ossicone*. Podium presentation at the 12th International Congress of Vertebrate Morphology (ICVM) Conference, Prague, Czech Republic. <https://www.icvm2019.com>

Randy F. Stout Jr., Ph.D.

Assistant Professor, Biomedical Sciences

Stout, R. F. Jr. (2019, March). *The dynamic gap junction nexus*. Invited Speaker at the University of Alabama at Birmingham, Neuroscience Department Seminar Series, Birmingham, Ala.

Stout, R. F. Jr., Tanis, D., McCutcheon, S., Modi, V., & Spray, D. (2019, August). *The gap junction nexus: supramolecular structural impacts on intercellular communication*. Abstract presented at the American Society for Neurochemistry, Montreal, Canada. *Journal of Neurochemistry*, 150 (3), 242-243.

Michael Terzella, D.O.

Associate Professor, Osteopathic Manipulative Medicine

DeFeo, A., Zwibel, H., Donoghue, J., Terzella, M.J., & Yao, S. (2019, March). *Treating video game induced neck pain with counterstrain*. Poster presented at the American Academy of Osteopathy- Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

Nathan E. Thompson, Ph.D.
Assistant Professor, Anatomy

Gecelter, R., Kikel, M., & Thompson, N.E. (2019, October). *Hip muscle activity and mechanics in osteoarthritis gait*. Poster presented at the Osteopathic Medical Education (OMED) Conference, Baltimore, Md.

Gecelter, R.C., Kikel, M., & Thompson, N.E. (2019, November). *The Hip biomechanics and muscle activity underlying compensatory osteoarthritis gaits*. Podium presentation at the Society for Integrative and Comparative Biology, Northeast Regional Meeting, Boston, Mass.

Gibbons, D., Patel, B.A., Henzi, S.P., Young, C., Jarrett, J., Thompson, N.E. (2019, March). *Effect of infant carriage on joint yield in wild vervet monkeys*. Poster presented at the 88th Annual Meeting for the American Association of Physical Anthropologists, Cleveland, Ohio. *American Journal of Physical Anthropology*, 168(S68), 92. doi: 10.1002/ajpa.23802.

Girder-Potter, N., Nalley, T.K., Thompson, N.E., Goto, R., Nakano, Y. (2019, March). *Head and neck range of motion and its relation to cervical vertebral morphology in primates*. Poster presented at the 88th Annual Meeting for the American Association of Physical Anthropologists, Cleveland, Ohio. *American Journal of Physical Anthropology*, 168(S68), 85. doi: 10.1002/ajpa.23802.

Kikel, M., Gecelter, R., & Thompson, N.E. (2019, October). *The link between step width and pelvic compensatory mechanisms in hip osteoarthritis*. Poster presented at the Osteopathic Medical Education (OMED) Conference, Baltimore, Md.

Kikel, M., Gecelter, R.C., & Thompson, N.E. (2019, November). *Frontal plane balance and pelvic list in human evolution*. Podium presentation at the Society for Integrative and Comparative Biology, Northeast Regional Meeting, Boston, Mass.

Thompson, N.E., Patel, B.A., Stern, J.T. Jr., Larson, S.G. (2019, March). *3-D kinematics, kinetics, and EMG of knuckle-walking in chimpanzees*. Podium presentation at the 88th Annual Meeting of the American Association of Physical Anthropologists, Cleveland, Ohio. *American Journal of Physical Anthropology*, 168(S68), 246–247. doi: 10.1002/ajpa.23802.

Thompson, N.E. (2019, April). *Some observations on the mechanics of knuckle-walking*. Podium presentation at the Northeast Regional Vertebrate Evolution Symposium, Long Island Campus.

Akinobu Watanabe, Ph.D.
Assistant Professor, Anatomy

Bedell, M.L., Gignac, P.M., Balanoff, A., & Watanabe, A. (2019, October). *The phenotypic interplay between the brain and skull in developing chicken (*Gallus gallus*) and American alligator (*Alligator mississippiensis*)*. Poster presented at the New York Institute of Technology College of Osteopathic Medicine Summer Research Symposium, Long Island Campus.

Bedell, M.L., Gignac, P.M., Balanoff, A., & Watanabe A. (2019, October). *The phenotypic interplay between the brain and skull in developing chicken (Gallus gallus) and American alligator (Alligator mississippiensis)*. Poster presented at the Osteopathic Medicine Education Conference, Baltimore, Md.

Felice, R.N., Watanabe, A., Cuff, A., Hanson, M., Bhullar, B.-A.S., Pol, D., Norell, M.A., Witmer, L.M., O'Connor, P.M., & Rayfield, E.J. (2019, July). *Disparate integration patterns shape the evolution of cranial disparity across archosaurs*. Abstract presented at the International Congress of Vertebrate Morphology Meeting, Prague, Czech Republic. In *International Congress of Vertebrate Morphology (ICVM)*, 280(1), s13. Retrieved from <https://www.icvm2019.com/>

Felice, R.N., Watanabe, A., Cuff, A., Hanson, M., Pol, D., Bhullar, B.-A.S., Norell, M.A., Witmer, L.M., O'Connor, P.M., & Goswami A. (2019, October) *Dinosaurs disparity differently: Contrasting patterns of cranial variation and macroevolution across dinosaurs and crocodylomorphs*. Abstract presented at the Society of Vertebrate Paleontology Annual Meeting, Brisbane, Australia. In *Society of Vertebrate Paleontology October 2019 Abstracts of Papers 79th Annual Meeting*, 98. Retrieved from http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-Program-book-v5_w-covers.aspx

Gold, M.E.L., & Watanabe, A. (2019, November) *Flightless birds are not neuroanatomical analogs of non-avian dinosaurs*. Podium presentation at the Northeast Regional Society of Integrative and Comparative Biology Meeting, Chestnut Hill, Mass.

Goswami, A., Bardua, C., Watanabe, A., Fabre, A.-C., Randau, M., Marshall, A., Bon, M., Noirault, E., & Felice, R.N. (2019, July). *Assessing the macroevolutionary consequences of phenotypic integration with dense phenomic data from living and extinct tetrapods*. Abstract presented at the International Congress of Vertebrate Morphology Meeting, Prague, Czech Republic. In *International Congress of Vertebrate Morphology (ICVM)*, 280(1), s14. Retrieved from <https://www.icvm2019.com/>

Goswami, A., Fabre, A.-C., Noirault, E., Felice, R., Clavel, J., Watanabe, A., Fabre, P., Curtis, A., Simmons, N., Fox, D.L., Churchill, M., Beatty, B.L., & Geisler J. (2019, October). *Integration, extinction, climate, and the evolution of the placental mammal cranium*. Abstract presented at the Society of Vertebrate Paleontology Annual Meeting, Brisbane, Australia. In *Society of Vertebrate Paleontology October 2019 Abstracts of Papers 79th Annual Meeting*, 109. Retrieved from http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-Program-book-v5_w-covers.aspx

Goswami, A., Watanabe, A., Felice, R.N., Bardua, C., Fabre, A.-C., & Polly, P.D. (2019, January). *Phenomic approaches to analyzing integration in complex systems and across diverse taxa: the good, the bad, and the ugly*. Abstract presented at the Society of Integrated and Comparative Biology Meeting, Tampa, Fla. In *SICB 2019 Annual Meeting Abstracts*, 151. Retrieved from <http://www.sicb.org/meetings/2019/2019%20SICB%20Abstract%20Book.pdf>

Marshall, S.S., Gignac, P.M., Balanoff, A.M., & Watanabe, A. (2019, October). *Polish crested chicken: Model for the evolution of big brains?* Poster presented at the New York Institute of Technology College of Osteopathic Medicine Summer Research Symposium, Long Island Campus.

Turner, A.H., Watanabe, A., Beyl, A.R., D'Amore, A.H., Wilberg, E., Smaers, J.H., & Gignac, P.M. (2019, October). *Ecomorphological and allometric signatures in endocranial shape in crocodylians*. Abstract presented at the Society of Vertebrate Paleontology Annual Meeting, Brisbane, Australia. In *Society of Vertebrate Paleontology October 2019 Abstracts of Papers 79th Annual Meeting*, 208. Retrieved from http://vertpaleo.org/Annual-Meeting/Annual-Meeting-Home/SVP-Program-book-v5_w-covers.aspx

Watanabe, A., Felice, R.N., Balanoff, A.M., Bedell, M., & Marshall S. (2019, November). The brain's influence on skull development and evolution. Podium presentation at the Northeast Regional Society of Integrative Comparative Biology Meeting, Chestnut Hill, Mass.

Watanabe, A., Felice, R.N., Bedell, M.L., & Balanoff, A.M. (2019, July). *The brain as a constraint on craniofacial evolution in birds*. Abstract presented at the International Congress of Vertebrate Morphology Meeting, Prague, Czech Republic. In *International Congress of Vertebrate Morphology (ICVM)*, 280(1), s64. Retrieved from <https://www.icvm2019.com/>

Watanabe, A., Felice, R.N., Maisano, J.A., Müller, J., Herrel, A., & Goswami, A. (2019, January). *First squamate-wide phenomic analysis reveals conserved pattern of cranial integration underlying mosaic skull shape evolution*. Abstract presented at the Society of Integrated and Comparative Biology Meeting, Tampa, Fla. In *SICB 2019 Annual Meeting Abstracts*, 423. Retrieved from <http://www.sicb.org/meetings/2019/2019%20SICB%20Abstract%20Book.pdf>

Watanabe, A., Gignac, P.M., Gold, M.E.L., Balanoff, A.M., & Norell, M.A. (2019, April). *Developmental and evolutionary dynamics of the dinosaurian brain*. Podium presentation at the Northeastern Regional Vertebrate Evolution Symposium, Long Island Campus.

Jennifer Y. Xie, Ph.D.

Assistant Professor, Biomedical Sciences, NYITCOM at A-State

Byrd, K., Chung, B., Sharma, K., Fleming, R., & Xie, J.Y. (2019, October). *Can osteopathic manipulative treatment relieve migraine pain in rats?* Poster presented at the Society for Neuroscience annual meeting, Chicago, Ill.

Byrd, K., Gregory, C., Sharma, K., Xie, J.Y., & Fleming, R. (2019, October). *Can OMT treat migraine in rats?* Poster presented at the Sixty Second Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2019), Baltimore, Md. First place poster winner for medical students.

Shah, M.M., Sanz, J., McIntosh, J.M., Porreca, F., & Xie, J.Y. (2019, September). *$\alpha 9\alpha 10$ nicotinic acetylcholine receptor (nAChR) function in migraine-related pain*. Poster presented at the American College of Physicians 2019 Arkansas Chapter Scientific Meeting, Little Rock, Ar. First place student poster winner.

Shah, M.M., Sanz, J., McIntosh, J.M., Porreca, F., & Xie, J.Y. (2019, October). *RglA4 as a novel $\alpha 9\alpha 10$ nicotinic acetylcholine receptor (nAChR) antagonist to treat migraine in sumatriptan-primed rats*. Poster presented at the Society for Neuroscience annual meeting, Chicago, Ill.

Sharma, K.D., Alghazali, K.M., Rangumagar, A.B., Ghosh, A., Biris, A.S., & Xie, J.Y. (2019, September). *Nanostructured surfaces promote differentiation of rat neural stem cells into oligodendrocytes*. Poster presented at the 10th IBRO World Congress of Neuroscience, Daegu, South Korea. Student special award winner.

Sharma, K.D., Alghazali, K.M., RanguMagar, A.B., Pandanaboina, S.C., Chhetri, B.P., Ghosh, A., Biris, A.S., & Xie, J.Y. (2019, October). *Nanostructured surfaces for oligodendrocyte differentiation*. Poster presented at the Society for Neuroscience annual meeting, Chicago, Ill.

Sharma, K.D., RanguMagar, A.B., Alghazali, K.M., Pandanaboina, S.C., Chhetri, B.P., Ghosh, A., Biris, A.S., & Xie, J.Y. (2019, March). *Nanostructured surfaces promote differentiation of rat neural stem cells into oligodendrocytes*. Poster presented at the 35th Southern Biomedical Engineering Conference, Hattiesburg, Miss.

Tringali, J.M., Sharma, K.D., Harris, N., Goss, J., Zou, M., & Xie, J.Y. (2019, September). *Evaluating artificial scaffolds and neural stem cell biology in vitro in preparation for spinal cord transplantation in rats*. Poster presented at the Arkansas Biosciences Institute Symposium 2019, Jonesboro, Ar. Third place poster winner student research.

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

Assistant Professor, Biomedical Sciences and Director, Innovation Center

Chait, J.D., Carmichael, D.J., Bandovic, I., Vasilyev, A., & Saggio, G. (2019, March). *Construct validity of virtual reality to teach hepatobiliary pathophysiology to preclinical medical students*. Abstract presented at the Americas-Hepato-Pancreato-Biliary Association (AHPBA) annual meeting, Miami Beach, Fla.

Chait, J.D., Carmichael, D.J., Bandovic, I., Vasilyev, A., & Saggio, G. (2019, March). *Development of an interactive virtual reality hepatobiliary system for preclinical medical education*. Poster presented at the Americas-Hepato-Pancreato-Biliary Association (AHPBA) annual meeting, Miami Beach, Fla.

Sheldon C. Yao, D.O.

Professor and Chairperson, Osteopathic Manipulative Medicine

Chevalier, C., & Yao, S. (2019, March). *The application of osteopathic manipulative treatment (OMT) in myalgic encephalomyelitis/chronic fatigue syndrome—A case study*. Poster presented at the American Academy of Osteopathy- Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

DeFeo, A., Zwibel, H., Donoghue, J., Terzella, M.J., & Yao, S. (2019, March). *Treating video game induced neck pain with counterstrain*. Poster presented at the American Academy of Osteopathy- Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

Franzetti, M., Berkowitz, L., & Yao, S. (2019, March). *The role of osteopathic manipulative treatment in reducing medication usage in the context of chronic pain and the opioid crisis: A systematic review*. Poster presented at the American Academy of Osteopathy- Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

Morris, J., Shah, J., Zwibel, H., Mancini, J., Yao, S. (2019, October). *Osteopathic manipulative medicine vs. counseling in the treatment of sports-related concussion: Comparative balance assessment*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e124. doi: 10.7556/jaoa.2019.128.

Morris, J., Zwibel, H., Mancini, J., & Yao, S. (2019, May). *Comparative post-concussion improvement in cognitive testing parameters between athletes treated with osteopathic manipulative medicine versus counseling alone*. Poster presented at the American Osteopathic Academy of Sports Medicine (AOASM), Austin, Texas.

Paluso, N., Morris, J., DeFeo, A., Shah, J., Betschart, M., Zwibel, H., Yao, S. (2019, October). *Retrospective medical record review of post-concussion balance assessment by symptom scoring and sensory organization testing*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e131. doi: 10.7556/jaoa.2019.128.

Skonieczny, K., & Yao, S. (2019, March). *Effects of osteopathic manipulative treatment on cervical muscle stiffness in a migraine patient—A case report*. Poster presented at the American Academy of Osteopathy- Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

Smith, J., Jung, M.K., Docherty, J.E.B., Kooyman, P., Yao, S.C. (2019, October). *The efficacy of treating thoracic cage counterstrain tender points with varied mobile point time durations in a classroom setting*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e123. doi: 10.7556/jaoa.2019.128. Awarded second place in the poster competition.

Valasareddi, S., Mathai, M., Li, T.S., Yao, S., Mancini, J. (2019, October). *Constipation in Parkinson's Disease improved by an osteopathic manipulative medicine in a repeated measures study*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e129. doi: 10.7556/jaoa.2019.128. Awarded first place student poster competition.

Yao, S., Docherty, J.E.B., Mancini, J., Leder, A., DiFrancisco-Donoghue, J. (2019, September). *Osteopathic manipulative medicine to improve balance and quality of life in Parkinson Disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/osteopathic-manipulative-medicine-to-improve-balance-and-quality-of-life-in-parkinson-disease/>

Youhua Zhang, M.D., Ph.D.
Associate Professor, Biomedical Sciences

Gilani, N., Zhang, K., Zhang, Y., Gerdes, A.M., & Ojamaa, K. (2019, November). *Thyroid hormones maintain functional T-tubule networks in cardiomyocytes*. Abstract presented at the American Heart Association Scientific Sessions, Philadelphia, Pa. *Circulation*, 140(Suppl_1), 15920. Retrieved from https://www.ahajournals.org/doi/abs/10.1161/circ.140.suppl_1.15920

Greco, L.V., Zhang, C., Li, Y., Ojamaa, K., & Zhang, Y. (2019, November). *Low-level vagal nerve stimulation decreases cardiac ryanodine receptor phosphorylation and atrial fibrillation inducibility in a rat heart failure model*. Abstract presented at the American Heart Association Scientific Sessions, Philadelphia, Pa. *Circulation*, 140(1), 14564.

Greco, L.V., Migirov, A., Meshoyrer, D.I., Li, Y., Cohen, T.J., Zhang, Y. (2019, November). *Stabilizing ryanodine receptor with Dantrolene prevents binge alcohol induced atrial fibrillation in rats*. Abstract presented at the American Heart Association Scientific Session, Philadelphia, Pa. *Circulation*, 140 (Suppl_1), A14612. Retrieved from https://www.ahajournals.org/doi/10.1161/circ.140.suppl_1.14612

Lee, J.S., Li, Y., Gerdes, M.A., & Zhang, Y. (2019, April). *Stabilizing ryanodine receptor with chronic dantrolene treatment does not affect hypertension, but attenuates atrial fibrillation inducibility under sympathetic stimulation in spontaneously hypertensive rats*. Abstract presented at the Experimental Biology Annual Scientific Sessions, Orlando, Fla., *Federation of American Societies for Experimental Biology (FASEB)*, 33(1), 835.9.

Zolotareva, N., Weick, R-A., Shimin, A., Lee, J.S., Zhang, Y., Gerdes, A.M., & Ojamaa, K. (2019, April). *Thyroid hormone deficiency adversely affects cardiomyocyte T-tubule structure and function*. Poster presented at the Experimental Biology Annual Conference, Orlando, Fla.

Haotian Zhao, Ph.D.

Associate Professor, Biomedical Sciences

Abdeltawab, A., Grausam, K.B., & Zhao, H. (2019, March). *EATOH1 drives metastasis of sonic hedgehog subgroup medulloblastoma*. Poster presented at the Keystone Symposia, Cancer Metastasis: The Role of Metabolism, Immunity and the Microenvironment. Florence, Italy.

Page, T., & Zhao, H. (2019, September). *Multi-ciliogenesis molecular circuit suppresses choroid plexus carcinoma development*. Poster presented at the Medical Student Summer Research Symposium, NYIT-Long Island Campus.

Schweitzer, M., & Zhao, H. (2019, September). *Notch-targeted therapy for choroid plexus carcinoma*. Poster presented at the Medical Student Summer Research Symposium, NYIT-Long Island Campus.

Zhao, H. (2019, October). *Multi-ciliogenesis molecular circuit suppresses choroid plexus carcinoma development*. Poster presented at Cilia & Centrosomes, Cold Spring Harbor Asia Meeting, Suzhou, China.

Hallie Zwibel, D.O., MPH

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

DeFeo, A., Zwibel, H., Donoghue, J., Terzella, M.J., & Yao, S. (2019, March). *Treating video game induced neck pain with counterstrain*. Poster presented at the American Academy of Osteopathy- Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

Morris, J., Shah, J., Zwibel, H., Mancini, J., Yao, S. (2019, October). Osteopathic manipulative medicine vs. counseling in the treatment of sports-related concussion: Comparative balance assessment. Poster presented at the American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md.

Morris, J., Zwibel, H., Mancini, J., & Yao, S. (2019, May). *Comparative post-concussion improvement in cognitive testing parameters between athletes treated with osteopathic manipulative medicine versus counseling alone*. Poster presented at the American Osteopathic Academy of Sports Medicine (AOASM), Austin, Texas.

Paluso, N., Morris, J., DeFeo, A., Shah, J., Betschart, M., Zwibel, H., Yao, S. (2019, October). *Retrospective medical record review of post-concussion balance assessment by symptom scoring and sensory organization testing*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e131. doi: 10.7556/jaoa.2019.128.

Zwibel, H., Chinsky, R., & DiFrancisco-Donoghue, J. (2019, May). *The Esport health model*. Presentation at the American College of Sports Medicine Sixty-Sixth Annual Meeting, Orlando, Fla.

III. Honorees and Awardees

William Blazey, D.O.

Associate Professor, Family Medicine and Associate Dean, Academic Affairs

Patriotic Employer, The Office of the Secretary of Defense, Employer Support of the Guard and Reserve, recognizes William Blazey for contributing to national security and protecting liberty and freedom by supporting employee participation in America's National Guard and Reserve Force.

Troy Camarata, Ph.D.

Assistant Professor, Basic Sciences, NYITCOM at A-State

Standard of Excellence Award, NYITCOM at A-State. This award is to honor outstanding and exemplary service to our students and commitment to the college and the communities it serves.

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

Assistant Professor, Biomedical Sciences

Mentor of student winner 2019 Caroline tum Suden/Frances Hellebrandt Professional Opportunity Awards from American Physiological Society to attend the APS annual meeting at Experimental Biology, Orlando, Fla.

Mentor of student winner 2019 Endocrinology & Metabolism Section Award from APS to attend the APS annual meeting at Experimental Biology, Orland, Fla.

Mentor of student winner 2019 General Travel Award in the graduate and post-baccalaureate student category to attend the ASPET annual meeting at Experimental Biology, Orlando, Fla.

Todd J. Cohen, M.D.

Professor, Chief of Cardiology, & Director of Medical Device Innovation

Advisor, NYIT Patent Council.

Board Member, Nassau County Museum of Art (Chair Art and Exhibition Committee).

Creator of a Novel Virtual Medical Office.

Cohen, T.J., Needleman, B.S., Harper, B., Balentine, J. (2019). The Long Island Heart Rhythm Center: Using digital health innovation to create a new paradigm in the EP office-based practice. *EP Lab Digest*, 19(3), 27-29. Accessed from <https://www.eplabdigest.com/long-island-heart-rhythm-center-using-digital-health-innovation-create-new-paradigm-ep-office-based-practice>.

Creator of an Observatorship for NYITCOM students to observe cardiology and electrophysiology clinical procedures and research.

Creator of the Innovation Seminar Series between the School of Engineering and Medical Schools to *Inspire Innovation and Collaboration*.

Creator of the Summer Cardiology Research Program. (Clinical, Translational, Robotics, Engineering).

Director and Founder of the *Long Island Heart Rhythm Center*, Riland Center, NYIT-Long Island. Created a clinic for students to get exposure to cardiology.

Editorial Board Member, EP Lab Digest, ISSN: 1535-2226 Print; ISSN: 2333-0449 Electronic.

Editorial Board Member, Journal of Invasive Cardiology, ISSN: 1042-3931 Print; 1557-2501 Electronic.

A. Martin Gerdes, Ph.D.

Professor and Chairperson, Biomedical Sciences

Ten (10) percent most cited article: Rajagopalan, V., Zhang, Y., Ojamaa, K., Chen, Y-F., Pingitore, A., Pol, C.J., Saunders, D., Balasubramanian, K., Towner, R.A., Gerdes, A.M. (2016). Safe oral Triiodo-L-Thronine therapy protects from post-infarct cardiac dysfunction and arrhythmias without cardiovascular adverse effects. *Plos one*, 11(3), e0151413. doi: 10.1371/journal.pone.0151413.

Patricia Kooyman, D.O.

Associate Professor, Osteopathic Manipulative Medicine

Second place poster winner. Smith, J., Jung, M.K., Docherty, J.E.B., Kooyman, P., Yao, S.C. (2019, October). *The efficacy of treating thoracic cage counterstrain tender points with varied mobile point time durations in a classroom setting.* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e123. doi: 10.7556/jaoa.2019.128.

Satoru Kobayashi, Ph.D.

Instructor, Biomedical Sciences

First place winner. Bantis, K., Kobayashi, S., Liang, Q. (2019, April). *Mitophagy regulates time-dependent differential effects of fasting in adult mice.* Poster presented at the New York State Osteopathic Medical Society (NYSOMS) Student Experimental Research Scientific Poster Competition, Hauppauge, N.Y.

Min-Kyung Jung, Ph.D.
Biostatistician, Research

Second place poster winner. Smith, J., Jung, M.K., Docherty, J.E.B., Kooyman, P., Yao, S.C. (2019, October). *The efficacy of treating thoracic cage counterstrain tender points with varied mobile point time durations in a classroom setting.* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e123. doi: 10.7556/jaoa.2019.128.

Adena Leder, D.O., FAAN
Assistant Professor, Clinical Sciences; Medical Director of Adele Smither's Parkinson's Center

First place student poster competition. Kamath, K.B., Kodali, V.P., Olenyk, C.E., Roselli, C.M., Ghaffar, A., Gallagher, R., Leder, A.N. (2019, October). *Does a single bout of Rock Steady Boxing improve procedural memory?* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e109. doi: 10.7556/jaoa.2019.128.

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

First place student poster competition. Valasareddi, S., Mathai, M., Li, T.S., Yao, S., Mancini, J. (2019, October). *Constipation in Parkinson's Disease improved by an osteopathic manipulative medicine in a repeated measures study.* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e129. doi: 10.7556/jaoa.2019.128.

Qiangrong Liang, M.D., Ph.D.
Associate Professor, Biomedical Sciences

American Heart Association Abstract Reviewer and Poster Professor. Reviewed 40 abstracts for 2019 AHA Scientific Sessions, November 16-18, Philadelphia, Pa. Served as Poster Professor for the session titled *Novel Concepts in Hypertension Research*.

American Heart Association Grant Reviewer. Reviewed 8 Scientist Development Grant proposals.

First place winner. Bantis, K., Kobayashi, S., Liang, Q. (2019, April). *Mitophagy regulates time-dependent differential effects of fasting in adult mice.* Poster presented at the New York State Osteopathic Medical Society (NYSOMS) Student Experimental Research Scientific Poster Competition, Hauppauge, N.Y.

Member of the Scientific Advisory Board of International Academy of Cardiology

Peer Reviewer of Journals, 20 manuscripts for *Autophagy*, *Diabetes*, *Circulation Research*, *Hypertension*, *FASEB J*, *Cell Death and Disease*, *Journal of Molecular and Cellular Cardiology (JMCC)*, *American Journal of Psychiatry (AJP)*, *Scientific Reports*, *Frontiers*, *International Journal of Biological Sciences*, *Aging and Disease*, *British J Pharm*, *Genes*, *BBA-Molecular Basis of Disease*, *Acta Pham Sinica*.

Jennifer Maccagnano, DO, FACOEP, FACEP
Assistant Professor, Clinical Sciences

Fellow, the American College of Emergency Physicians (FACEP)

Peer Reviewer, [Morley, E.J., English, B., Cohen, D.B., Paolo, W.F. (2019). Blunt Cardiac Injury: Emergency Department Diagnosis and Management, *Emergency Medical Practice*, 21(3), 1-20.

Jayne D. Mancini, D.O., Ph.D.
Assistant Professor, Osteopathic Manipulative Medicine

First place student poster competition. Valasareddi, S., Mathai, M., Li, T.S., Yao, S., Mancini, J. (2019, October). *Constipation in Parkinson's Disease improved by an osteopathic manipulative medicine in a repeated measures study*. Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e129. doi: 10.7556/jaoa.2019.128.

Kaie Ojamaa, Ph.D.
Professor, Biomedical Sciences

Ten (10) percent most cited article: Rajagopalan, V., Zhang, Y., Ojamaa, K., Chen, Y-F., Pingitore, A., Pol, C.J., Saunders, D., Balasubramanian, K., Towner, R.A., Gerdes, A.M. (2016). Safe oral Triiodo-L-Thronine therapy protects from post-infarct cardiac dysfunction and arrhythmias without cardiovascular adverse effects. *Plos one*, 11(3), e0151413. doi: 10.1371/journal.pone.0151413.

Viswanathan Rajagopalan, Ph.D.
Assistant Professor, Basic Sciences, NYITCOM at A-State

Award presenter and Judge, Best Physiology award, American Physiological Society (APS) at Arkansas State University, in 63rd annual NorthEast Arkansas Regional Science Fair (NEARSF) for high school students from 18 counties.

Award presenter and Judge, Outstanding award in Physiological Sciences, American Physiological Society (APS) at Arkansas State University in Create @ State, 9th annual Symposium of Research, Scholarship & Creativity for Graduate/Undergraduate students.

Invited Judge, American Heart Association, Basic Cardiovascular Sciences Conference, Boston, Mass.

Ten (10) percent most cited article: Rajagopalan, V., Zhang, Y., Ojamaa, K., Chen, Y-F., Pingitore, A., Pol, C.J., Saunders, D., Balasubramanian, K., Towner, R.A., Gerdes, A.M. (2016). Safe oral Triiodo-L-Thyronine therapy protects from post-infarct cardiac dysfunction and arrhythmias without cardiovascular adverse effects. *Plos one*, 11(3), e0151413. doi: 10.1371/journal.pone.0151413.

Bernadette Riley, D.O., FACOFP, FILM
Director, Ehlers-Danlos Syndrome/Hypermobility Treatment Center
Associate Professor, Department of Family Medicine

Award of Excellence, The Medical Society of the County of Kings and Richmond County and the Academy of Medicine of Brooklyn.

Medical expert on website, <https://themighty.com/2019/06/ehlers-danlos-syndrome-support-resources/>

President's Award, New York State Osteopathic Medical Society (NYSOMS) 2019 President's Award- ROC NY Chair Award.

Olga V. Savinova, Ph.D.
Assistant Professor, Biomedical Sciences

Second place winner Basic Research. Alemu, S., Quadri, S., Savinova, O.V. (2019, October). *Examining interstitial cajal cell networks using a mice model to study effect of calcification induced heart failure on GI dysmotility*. Abstract presented at the Osteopathic Medical Conference & Exposition (OMED 2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), doi: 10.7556/jaoa.2019.128.

Young Investigator Travel Award. Uts, A., Mayr, Y., Singla, P., Khan, M., Kampton, E., Millán, J.L., Savinova, O.V., Ramos, R.L. (2019, February). *Upregulation of tissue-nonspecific alkaline phosphatase in endothelial cells leads to intracranial vascular calcification: A useful model of primary familial brain calcification*. Abstract presented at the International Stroke Conference, Honolulu, Hawaii. Retrieved from https://www.ahajournals.org/doi/10.1161/str.50.suppl_1.tMP104.

Akinobu Watanabe, Ph.D.
Assistant Professor, Anatomy

Top 20 Most Downloaded Article of the Year in Journal of Anatomy for:

Watanabe A., Gignac P.M., Balanoff A.M., Green T.L., Kley N.J., & Norell M.A. (2019). Are endocasts good proxies for brain size and shape in archosaurs throughout ontogeny. *Journal of Anatomy*, 234, 291–305. Doi: 10.1111/joa.12918.

Image featured on cover of Journal of Anatomy for:

Watanabe A., Gignac P.M., Balanoff A.M., Green T.L., Kley N.J., & Norell M.A. (2019). Are endocasts good proxies for brain size and shape in archosaurs throughout ontogeny. *Journal of Anatomy*, 234, 291–305. Doi: 10.1111/joa.12918.

Jennifer Y. Xie, Ph.D.

Assistant Professor, Biomedical Sciences, NYITCOM at A-State

First place medical student poster winner. Byrd, K., Gregory, C., Sharma, K., Xie, J.Y., & Fleming, R. (2019, October). *Can OMT treat migraine in rats?* Poster presented at the Sixty Second Annual American Osteopathic Association (AOA) and Osteopathic Medical Conference and Exposition (OMED2019), Baltimore, Md.

First place student poster winner. Shah, M.M., Sanz, J., McIntosh, J.M., Porreca, F., & Xie, J.Y. (2019, September). *$\alpha 9\alpha 10$ nicotinic acetylcholine receptor (nAChR) function in migraine-related pain.* Poster presented at the American College of Physicians 2019 Arkansas Chapter Scientific Meeting, Little Rock, Ar.

Student special award winner. Sharma, K.D., Alghazali, K.M., Rangumagar, A.B., Ghosh, A., Biris, A.S., & Xie, J.Y. (2019, September). *Nanostructured surfaces promote differentiation of rat neural stem cells into oligodendrocytes.* Poster presented at the 10th IBRO World Congress of Neuroscience, Daegu, South Korea.

Third place poster winner for student research. Tringali, J.M., Sharma, K.D., Harris, N., Goss, J., Zou, M., & Xie, J.Y. (2019, September). *Evaluating artificial scaffolds and neural stem cell biology in vitro in preparation for spinal cord transplantation in rats.* Poster presented at the Arkansas Biosciences Institute Symposium 2019, Jonesboro, Ar.

Sheldon C. Yao, D.O.

Professor and Chairperson, Osteopathic Manipulative Medicine

Second place poster winner. Smith, J., Jung, M.K., Docherty, J.E.B., Kooyman, P., Yao, S.C. (2019, October). *The efficacy of treating thoracic cage counterstrain tender points with varied mobile point time durations in a classroom setting.* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e123. doi: 10.7556/jaoa.2019.128.

First place student poster competition. Valasareddi, S., Mathai, M., Li, T.S., Yao, S., Mancini, J. (2019, October). *Constipation in Parkinson's Disease improved by an osteopathic manipulative medicine in a repeated measures study.* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e129. doi: 10.7556/jaoa.2019.128.

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

Associate Professor, Biomedical Sciences

Ten (10) percent most cited article: Rajagopalan, V., Zhang, Y., Ojamaa, K., Chen, Y-F., Pingitore, A., Pol, C.J., Saunders, D., Balasubramanian, K., Towner, R.A., Gerdes, A.M. (2016). Safe oral Triiodo-L-Thyronine therapy protects from post-infarct cardiac dysfunction and arrhythmias without cardiovascular adverse effects. *Plos one*, 11(3), e0151413. doi: 10.1371/journal.pone.0151413.

IV. Patents

Todd J. Cohen, M.D.

Professor, Chief of Cardiology, & Director of Medical Device Innovation

Cohen, Todd J. [Co-Inventor with Lubisich, John R., Morrison, Michael; Morrison, Gregory]. Catheter holding device. Patent No. 10,143,825. Publication Date: September 10, 2019.

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

Associate Professor, Biomedical Sciences

Zhang, Y. [Inventor]. Catheter for use in recording His electrogram alternans and application to various conditions. Patent No. 10,383,538. Publication Date: December 19, 2019.

V. Grant Recipients— Externally Sponsored

Jerry Balentine, D.O., FACEP, FACOEP

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

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

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

Brian L. Beatty, Ph.D.

Associate Professor, Anatomy

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

William Blazey, D.O.

Associate Professor, Family Medicine and Associate Dean, Academic Affairs

Effects of Student Electronic Medical Record (EMR) Use on Clinical Performance in Osteopathic Medical Students. 07/01/2019- 12/31/2020. American Association of Colleges of Osteopathic Medicine.

Predictors of Stress, Anxiety and Depression in Female Osteopathic Medical Students: A Prospective Cohort Study. 09/01/2019—08/31/2021. American Osteopathic Association (AOA). Grant No. 1907746. Co-Principal Investigator.

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

Assistant Professor, Biomedical Sciences

Savinova, O.V. (PI): Tissue-nonspecific Alkaline Phosphatase (TNAP)-induced Vascular Calcification and Atherosclerosis. National Institutes of Health. Grant No. 1R56HL131547-01A1. 09/15/2018-08/31/2019.

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

Associate Professor and Director, Clinical Research

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

Assessing Gastrointestinal Function and its effect on Bone Mineral Density in Hypermobility Spectrum Disorder and Hypermobility Ehlers-Danlos Syndrome. 01/01/2020—12/31/2021. The Marfan Foundation. Principal Investigator.

Deutsch, J. (PI): Virtual Cycling (VCYLCE) Increases Exercise Intensity of Persons with Parkinson Disease (PD). Project period 09/01/2019—08/31/2021. Grant No. 1R15AG063348. R15-NIH Research Enhancement Award Program (REAP) for Health Professional Schools and Graduate Schools. Co-Principal Investigator.

Predictors of Stress, Anxiety and Depression in Female Osteopathic Medical Students: A Prospective Cohort Study. 09/01/2019—08/31/2021. American Osteopathic Association (AOA). Grant No. 1907746. Co-Principal Investigator.

Jonathan H. Geisler, Ph.D.

Associate Professor and Chairperson, Anatomy

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

Patricia Happel, D.O.

Associate Professor, Department of Family Medicine and Director of Interprofessional Education

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

Simone Hoffmann, Ph.D.

Assistant Professor, Anatomy

Body size evolution of the first mammalian megaherbivore during Paleogene hypothermal events. 06/12/2019—06/11/2020. Keck Geology Consortium. Co-Principal Investigator with M. D'Emic (Adelphi University).

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

Min-Kyung Jung, Ph.D.

Biostatistician, Research

Assessing Gastrointestinal Function and its effect on Bone Mineral Density in Hypermobility Spectrum Disorder and Hypermobility Ehlers-Danlos Syndrome. 01/01/2020—12/31/2021. The Marfan Foundation. Co-Principal Investigator.

Predictors of Stress, Anxiety and Depression in Female Osteopathic Medical Students: A Prospective Cohort Study. 09/01/2019—08/31/2021. American Osteopathic Association (AOA). Grant No. 1907746. Co-Principal Investigator.

Satoru Kobayashi, Ph.D.
Instructor, Biomedical Sciences

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

Isaac Kurtzer, Ph.D.
Assistant Professor, Biomedical Sciences

Balagani, K, S. (PI): SaTC: CORE: Small: RUI: Leveraging Movement, Posture, and Anthropometric Contexts to Strengthen the Security of Mobile Biometrics. Project period 10/1/2018-9/30/2021. National Science Foundation. Award No. CNS-1814846. Co-Principal Investigator.

Bhuma Krishnamachari, Ph.D.
Associate Professor, Clinical Specialties; Assistant Dean, Research

Predictors of Stress, Anxiety and Depression in Female Osteopathic Medical Students: A Prospective Cohort Study. 09/01/2019—08/31/2021. American Osteopathic Association (AOA). Grant No. 1907746. Principal Investigator.

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

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

Qiangrong Liang, M.D., Ph.D.
Associate Professor, Biomedical Sciences

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

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

Julia Molnar, Ph.D.
Assistant Professor, Anatomy

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

Maria M. Plummer, M.D.
Associate Professor, Clinical Sciences

Savinova, O.V. (PI): Tissue-nonspecific Alkaline Phosphatase (TNAP)-induced Vascular Calcification and Atherosclerosis. National Institutes of Health. Grant No. 1R56HL131547-01A1. 09/15/2018-08/31/2019.

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

Impact of Methamphetamine Induced IL-6 Production on Wound Healing and Inflammation. National Institutes of Health, PA-13-313; Academic Research Enhancement Award (Parent R15). Award No. 1 R15 GM117501-01A1. Project period 8/1/2016-12/31/2020.

Bernadette Riley, D.O., FACOFP, FILM
Director, Ehlers-Danlos Syndrome/Hypermobility Treatment Center
Associate Professor, Department of Family Medicine

Assessing Gastrointestinal Function and its effect on Bone Mineral Density in Hypermobility Spectrum Disorder and Hypermobility Ehlers-Danlos Syndrome. 01/01/2020—12/31/2021. The Marfan Foundation. Co-Principal Investigator.

Sonia Rivera-Martinez, D.O.
Associate Professor and Associate Medical Director

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

Olga V. Savinova, Ph.D.
Assistant Professor, Biomedical Sciences

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

Savinova, O.V. (PI): Tissue-nonspecific Alkaline Phosphatase (TNAP)-induced Vascular Calcification and Atherosclerosis. National Institutes of Health. Grant No. 1R56HL131547-01A1. 09/15/2018-08/31/2019.

Nathan E. Thompson, Ph.D.
Assistant Professor, Anatomy

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

Aleksandr Vasilyev, M.D., Ph.D.
Assistant Professor, Biomedical Sciences

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

Akinobu Watanabe, Ph.D.
Assistant Professor, Anatomy

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

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

Jennifer Y. Xie, Ph.D.
Assistant Professor, Biomedical Sciences, NYITCOM at A-State

Evaluation of the dose-and time-dependent efficacy of the herbal formula on alleviation of headache-related pain in rodents. Project period 12/2019-08/2020. TCM Health Education & Research Center. Principal Investigator.

Multifunctional and Tunable Nanostructured Surfaces. Arkansas Advancing and Supporting Science, Engineering, and Technology (ASSET) III, National Science Foundation, Award No. 1457888. Project period 8/1/2018–7/31/2020. Co-Principal Investigator.

Eleanor Yusupov, D.O., M.P.H.
Assistant Professor, Clinical Specialties

Predictors of Stress, Anxiety and Depression in Female Osteopathic Medical Students: A Prospective Cohort Study. 09/01/2019—08/31/2021. American Osteopathic Association (AOA). Grant No. 1907746. Co-Principal Investigator.

Haotian Zhao, Ph.D.
Associate Professor, Biomedical Sciences

Notch-targeted Therapy for Choroid Plexus Carcinoma. 06/03/2019—07/22/2019. American Brain Tumor Association. Medical Student Summer Fellowship. Award No. MSSF1900025. Role: Mentor.

(PQ1) Molecular circuit of multi-ciliogenesis regulates choroid plexus differentiation and tumor development. National Institutes of Health. Award No. 5R01CA220551-04. Project period: 9/1/2017-8/31/2022.

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Hallie Zwibel, D.O., MPH

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

Austin (PI): NCAA-NYIT Be Empowered Alcohol-Prevention Resources-BEAR CHOICES: An Inter-professional, Cross-disciplinary Student & Student-Athlete Led Alcohol Prevention Project: National Collegiate Athletic Association (NCAA) CHOICES, Sports Science Institute (NCAA-SSI). Project period 9/1/2019—8/31/2022.

VI. Grant Recipients—Internally Sponsored

Joanne DiFrancisco-Donoghue, Ph.D., RCEP.
Associate Professor and Director, Clinical Research

What are the Best Outcome Measures for Persons with Hypermobile Ehler-Danlos Syndrome?
Co- Principal Investigator. ISRC Grant.

Michael C. Granatosky, Ph.D.
Assistant Professor, Anatomy

The Functional Consequences of Sensorimotor Variation During Tetrapod Locomotion.
Principal Investigator. NYITCOM Grant.

Sonia Rivera-Martinez, D.O., FACOFP
Associate Professor, Department of Family Medicine and Associate Medical Director

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

Viswanathan Rajagopalan, Ph.D.
Assistant Professor, Basic Sciences, NYITCOM at A-State

Long Noncoding RNAs in Cardiac Dysfunction and Heart Failure related to impaired Thyroid Hormone function.
Principal Investigator. NYITCOM Research Catalyst Phase-1 Grant Award.

Bernadette Riley, D.O., FACOFP, FILM
Director, Ehlers-Danlos Syndrome/Hypermobility Treatment Center
Associate Professor, Department of Family Medicine

The Neuropsychology of Hypermobility-Type Ehlers-Danlos Syndrome.
Co-Principal Investigator. NYITCOM Grant.

Jennifer Y. Xie, Ph.D.
Assistant Professor, Biomedical Sciences, NYITCOM at A-State

Mechanistic assessment of osteopathic manipulation in relieving migraine headache using a novel translational rodent model. Research Catalyst Grant Award.

RgIA4 as a novel $\alpha 9\alpha 10$ nicotinic acetylcholine receptor antagonist to treat migraine.
Principal Investigator. Research Catalyst (Phase-1) Grant Award.

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Haotian Zhao, Ph.D.

Associate Professor, Biomedical Sciences

Targeting multi-ciliogenesis network for choroid plexus carcinoma treatment. NYITCOM Student Research Program. Project period: 6/4/2019-8/3/2019. Role: Mentor.

SCHOOL OF ARCHITECTURE AND DESIGN

School of Architecture and Design

I. Authors

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

Del Signore, M., & Roser Gray, C. (2019). DATAField: Strategies for technological resilience through urban prototyping. *Dwelling on Earth Journal*, 49, 92-93.
<https://www.gangemeditore.com/dettaglio/abitare-la-terra-quaderni/8454/18>

Del Signore, M., & Roser Gray, C. (2019). Learning from New Orleans: the construction of resilient strategies for urban ecosystems. In Trogal, K., Bauman, I., Lawrence, R., & Petrescu, D (Eds.), *Architecture and Resilience: An Interdisciplinary Dialogue* (1st ed.), Chapter 19. New York City: Routledge.

Farzana Gandhi, AIA, LEED AP, M. Arch
Associate Professor, Architecture

Gandhi, F., Velarde, (2019). *East Harlem/El Barrio East 125th Street Community Visioning Action Plan*, 1-47. Retrieved from <https://www.weact.org/public/east-125th-street-community-visioning-action-plan.pdf>

Dong-Sei Kim, M.Eds., M.S.AUD, B.Arch.
Assistant Professor, Architecture

Kim, D. (2019). An outsider's short reflection on the question of Architecture and the Humanities: Is there a relevant relationship today? *Architectural Critics Journal*, 20 (Winter), 14-23.

Kim, D. (2019, March 2). Op-ed: How the architecture of border walls creates division (or inspires trust). *Salon*. Retrieved from <https://www.salon.com/2019/03/02/how-the-architecture-of-border-walls-creates-division-or-inspires-trust/>

Pablo Lorenzo-Eiroa, M.Arch.
Associate Professor, Architecture

Lorenzo-Eiroa, P. (2019). Architecture of Information: Site Specific Spider 3d Printer and e-Chaise Longue, pp. 28-29. In Najle, C., & Notas, R. #39. (Eds.), *Superdigitalismos*. CPAU Buenos Aires, Argentina: CPAU.

Lorenzo-Eiroa, P. (2019). Post-Digital as Design Authorship in Informed Material Processes, Chapter 11. In Sprecher, A., & Ahrens, C. (Eds.), *Instabilities and Potentialities, Notes on the Nature of Knowledge in Digital Architecture*. New York: Routledge/Taylor and Francis.

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Lorenzo-Eiroa, P. (2019). Rezoning New York City through Big Data, (pp. 210-231). In Karandinou, A. (Ed.), *Data and Politics of Information, in Data, Architecture and the Experience of Place*. London and New York: Routledge /Taylor and Francis Group.

Giovanni Santamaria, Ph.D.

Associate Professor, Architecture and Design

Santamaria, G. (2019). Merging thresholds and new landscapes of knowledge. *Practice of Teaching/Teaching of Practice*, Association of Collegiate Schools of Architecture (ACSA) Proceedings, p 232.

II. Presenters at Meetings and Conferences

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

Del Signore, M. (2019, January). *Cities + Prototypes + Digital Culture*. Book Launch and Panel Discussion at the Irwin S. Chanin School of Architecture, The Cooper Union, New York City.

Del Signore, M. (2019, February). *Encoded Design Protocols*. Invited International Guest Speaker at ALS + School of Planning and Architecture, New Delhi, India.

Del Signore, M. (2019, February). *(un) PROGRAMMING COMPUTATIONAL Processes Symposium*, Moderator, NYIT School of Architecture and Design, NYIT-New York City.

Del Signore, M. (2019, April). *Computation + Automation + Cities*. Invited Speaker, Automation by Design Symposium, NYIT School of Architecture, NYIT-New York City.

Del Signore, M. (2019, April). *Digital Culture*. Invited Guest Speaker, Incubator Spring Presentations at Columbia University Graduate School of Architecture, Planning, and Preservation, New York City.

Del Signore, M. (2019, April). *Urban Machines: Public Space in a Digital Culture*. Book Launch and Panel Discussion, New Jersey Institute of Technology, College of Architecture and Design, Newark, N.J.

Del Signore, M. (2019, May). *Planetary Scale Computation and the Effects on Urban Morphology*. Master Class Lecture at IaaC- Institute of Advanced Architecture of Catalonia, Barcelona, Spain.

Del Signore, M. (2019, May). *Urban Machines: Public Space in a Digital Culture*. Book Launch and Panel Discussion, Columbia University Graduate School of Architecture, Planning, and Preservation, New York City.

Del Signore, M. (2019, June). *Dynamic Energy Systems for Architecture and Design*. Invited Speaker at the 14th Annual NYIT Energy Conference, Energy and Facilities: Safety, Comfort, Sustainability. NYIT de Seversky Mansion, Old Westbury, N.Y.

Del Signore, M. (2019, August). *Digital Utopia*. Invited International Guest Speaker at the Digital Utopia Symposium, University of Johannesburg, Graduate School of Architecture, Johannesburg, South Africa.

Del Signore, M. (2019, August). *Radical Praxis: Beyond Architecture*. Invited Speaker at Boogertman + Partners, Johannesburg, South Africa.

Del Signore, M. (2019, August). *Technology, Prototypes and Digital Culture*. Invited International Guest Speaker at the Digital Utopia Symposium, University of Johannesburg, Graduate School of Architecture, Johannesburg, South Africa.

Del Signore, M. (2019, September). *Urban Machines: Public Space in a Digital Culture*. Book Launch and Panel Discussion at NYIT School of Architecture and Design, NYIT-New York City.

Del Signore, M. (2019, October). *Codependent Ecologies: Pubic Space + ICTs in Anthropogenic Territories*. Invited Guest Speaker with UN-Habitat and the Consortium for Sustainable Urbanization, United Nations, New York City.

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

Kim, D. (2019, January 29). *Architecture's Impact on Changing Nation-State Borders*. Interview with WNPR and Inside Higher Education Radio Stations *Academic Minute*. Retrieved from <https://academicminute.org/2019/01/dongsei-kim-new-york-institute-of-technology-dmz-border-and-architecture/>

Kim, D. (2019, April). *The DMZ as a Proving Ground*. Invited Speaker and Panel Discussant at the Center for Korean Studies and the Humanities Institute at Stony Brook University (HISB) Lecture. Stony Brook, N.Y. <https://calendar.stonybrook.edu/site/cas/event/lectures---eleana-kim-and-dong-sei-kim-on-nature-and-the-dmz/>

Kim, D. (2019, May). *Constructing Ambivalent Korea(s): Architecture, Urbanism, and Statecraft*. Paper presented at the Seoul Under Construction: Politics, Memory, and Urbanism in Korea Conference, University of Pennsylvania, Philadelphia, Pa. Retrieved from <https://web.sas.upenn.edu/seoul-under-construction/paper-abstract/>

Kim, D. (2019, August). *Fissures at the Edges: The DMZ as a Proving Ground*. Paper presented at the Imaged and Imagined North Korean Materialities: Changing Architecture, Cartography, Landscape, and Places session. Royal Geographical Society (RGS) + Institute of British Geographers (IBG) Annual International Conference, London, United Kingdom. <http://conference.rgs.org/AC2019/245>

Kim D. (2019, September). *The Demilitarized Zone as a Proving Ground*. Invited Speaker at the Stuckeman Fall Lecture series, Penn State's College of Arts and Architecture, University Park, Pa. <https://stuckeman.psu.edu/events/lecture-dongsei-kim>

Pablo Lorenzo-Eiroa, M.Arch.
Associate Professor, Architecture

Lorenzo-Eiroa, P. (2019, February). Authorship through Computation. (*un*) *PROGRAMMING COMPUTATIONAL Processes Symposium*, Moderator and Presentation, 11th Floor Auditorium, NYIT-New York City.

Lorenzo-Eiroa, P. (2019, April). *Expanding Authorship in Automated Design*. Lecture at the Automation by Design Symposium, White, D. & Vardoulaki, P. (curators), 11th Floor Auditorium, New York City.

Lorenzo-Eiroa, P. (2019, April). *Mapping NYC*. Invited Speaker at the NYIT International Workshop with Politecnico di Milano, NYIT, 6th Floor Studio.

Lorenzo-Eiroa, P. (2019, May). *Big Data Survey informing Design*. Workshop. Associate Professor UIC-Barcelona, Biodigital Architecture Master Program Studio. 3d Scanning project based on Gaudi Sagrada Familia.

Lorenzo-Eiroa, P. (2019, June). *Big Data Survey Informing Design*. Open Public Lecture at the UIC Barcelona Biodigital Master Program, Barcelona, Spain.

Lorenzo-Eiroa, P. (2019, June). *Form Follows Information: Project and Site Specific Machinic Construction System*. Presentation at the 17th International Conference Arquitectonica Network: Mind, Land and Society, Universitat Politecnica de Catalunya BarcelonaTech UPC, Barcelona, Spain.

Lorenzo-Eiroa, P. (2019, September). *Architecture of Information*. Presentation and discussion, in Superdigitalismos CPAU, Curate by Ciro Najle, Di Tella University international Conference.

Lorenzo-Eiroa, P. (2019, October). *Form Follows Information*. Invited Speaker at the 2nd Simposio Internacional de Pesquisa e 17 Encontro de Iniciacao Cientifica do UniCEUB, En CUCA Symposium, Brasilia, BR.

Lorenzo-Eiroa, P. (2019, October). *Site Specific Adaptable Robotic 3d Printer and e-Chaise Longue*. Speaker at the Wolfram Technology Conference, Champaign, Ill.

Lorenzo-Eiroa, P. (2019, December). *Research and Professional Experience as Immigrant in the United States*. Invited Speaker of Ambassador Marcelo Giusto, at the Argentinean Consulate in New York, New York City.

Giovanni Santamaria, Ph.D.

Associate Professor, Architecture and Design

Santamaria, G. (2019, February). *City and landscape as anthropic writing (Cittá e Paesaggio come scrittura antropica)*. Speaker at the Il LibroscoPIO Conference, City Hall Noicataro, Bari, Italy.

Santamaria, G. (2019, March). *Urban metabolism and metropolitan regions*. Paper presented at the S. ARCH International Conference (Architecture & Built Environment), Havana, Cuba. (*Proceedings of the 6th International Conference on Architecture and Built Environment S. ARCH-2019*, 332-339).

Santamaria, G. (2019, July). *Anatomy of a mutating landscape*. Paper presented at the International Association for Landscape Ecology (IALE) Seminar, Milan, Italy.

Santamaria, G. (2019, July). *Merging thresholds and new landscapes of knowledge*. Paper presented at the Association of Collegiate Schools of Architecture (ACSA) Seminar, Antwerp, Belgium.

Santamaria, G. (2019, November). *International Design Workshop*. Organizer, participant, and student coordinator at the *M.A.R.I.O. II: Metropolitan Architecture for Rio de Janeiro, Brazil*, Largo do Boticario, Brazil.

Santamaria, G. (2019, November). *Measure & Scale Lab*. Organizer, participant, and student coordinator at the International Design Workshop *M.A. Rio-Metropolitan Approach for Rio de Janeiro*, Politecnico di Milano and PUC-Rio University, Rio de Janeiro, Brazil.

III. Honorees and Awardees

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

Awarded Presidential Engagement, *Integration of Technology for Enhancement of Student Learning*, New York Institute of Technology.
[https://www.nyit.edu/box/features/faculty_earn_presidential_engagement_awards_\(wants_this_first\)](https://www.nyit.edu/box/features/faculty_earn_presidential_engagement_awards_(wants_this_first))

Finalist, *Lafitte Greenway Public Art Challenge*, InfinitePLAY project, New Orleans, La.

Review Committee Member for the 2019 ACSA Committee, the Associate of Collegiate Schools of Architecture.

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

Co-Editor and Faculty Coordinator, *Atmosphere_02*, the NYIT School of Architecture and Design Magazine, Long Island Campus.

IV. Designers and Exhibitors

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

Exhibitor, *DataField* Exhibition at R.E.D.S_ Resilient Ecological Design Strategies Symposium, Matera, Italy. November 2019.

Exhibitor, *Vector Flow* a full-scale prototype exhibition at Duncan Plaza, New Orleans, La.
<https://downtownnola.com/vector-flow/>

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

Animation Exhibition, *A Construct The Koreas (Never) Made Together: Deconstructing the DMZ For The Imaginary – 2019*. The DMZ exhibition, Culture Station Seoul 284, Seoul, Korea. March 21—May 6, 2019 and June 6 —July 7, 2019. <https://www.seoul284.org/english/>

Animation Exhibition, *A Construct The Koreas (Never) Made Together: Deconstructing the DMZ For The Imaginary – 2019*. Negotiating Borders exhibition held at the Korean Culture Centre UK (KCCUK), London, United Kingdom. October 1 - November 23, 2019.
<https://kccuk.org.uk/en/programmes/partnership-programme/negotiating-borders/>

Exhibition Curator for *Projecting the DMZ*. NYIT School of Architecture and Design's Center Gallery at the Education Hall, Long Island Campus. January 28 – February 15, 2019.
https://www.nyit.edu/events/projecting_the_dmz#

Co-Exhibitor, *Countryside to Cityscape: The Slow Urbanisation of a Wellington Hillside*. Research on New Zealand in the *Collective City* exhibition, 2019 Seoul Biennale of Architecture and Urbanism, Seoul, Korea. September 7 —November 10, 2019.
<http://seoulbiennale.org/2019/exhibition.view.html?seq=67&cate=cities%201/2>

Co-Exhibitor, *Organizing Enchantment: Collective Responses to Urban Trauma*. Research on New Zealand in the *Collective City* exhibition, 2019 Seoul Biennale of Architecture and Urbanism, Seoul, Korea. September 7 —November 10, 2019.
<http://seoulbiennale.org/2019/exhibition.view.html?seq=103&cate=cities%201/1>

Organizer and Participant of *Open Archive: Project DMZ, 30 Years After*. An international symposium sponsored by NYIT's Institutional Support for Research and Creativity (ISRC). The Storefront for Art and Architecture, New York City. April 20 2019.
<http://storefrontnews.org/programming/project-dmz-30-years-after/>

Pablo Lorenzo-Eiroa, M.Arch.
Associate Professor, Architecture

Lorenzo-Eiroa, P. (2019, September). *Site Specific Spider 3d Printer and e-Chaise Longue*. Exhibited work from e-Architects, at the Superdigitalismos Di Tella University, curated by Ciro Najle and including international architects. Buenos Aires, Argentina.
https://www.utdt.edu/ver_evento_agenda.php?id_evento_agenda=6335&id_item_menu=449

Lorenzo-Eiroa, P. (2019, November 27-January 1). *Rezoning NYC through Big Data*. Bugaik International Exhibition, Seoul Korea. <http://www.bugaik-exhibit.org/>

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

Co-Coordinator, *Design Workshop, Re-Visioning Red Hook*. Universidad Internacional de Catalonia, Spain. September, 2019.

Co-Creator and Coordinator, *International Design Workshop, Metabolism of a City: NYCER (Lab) New York City East River Laboratory*. New York City, April, 2019.

V. Grant Recipients—Externally Sponsored

Jeffrey Raven, MSt.

Associate Professor and Director, Masters Architecture in Urban and Regional Design

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

National Workshop on Architectural Faculty in Environmental Sustainability Research (WAFES). Project period: April 1, 2019-March 31, 2020. National Science Foundation. Award no. 1916623. Co-Principal Investigator.

INFEWS/T3 RCN: City-as-Lab: A Research Coordination Network for the Study of the Food, Energy, and Water Nexus for Sustainable and Resilient Urban Development. Project period: 07/15/2019—06/30/2024. National Science Foundation. Award No. 1856032. Co-Principal Investigator.

VI. Grant Recipients— Internally Sponsored

Robert Cody, B. Arch

Academic Coordinator, Director, Architecture

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

Farzana Gandhi, AIA, LEED AP. M. ARCH

Associate Professor, Architecture

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

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

Adjunct Associate Professor, Architecture

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

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

Assistant Professor, Architecture

From Mapping to Design: Understanding Mapping for Designers- A Symposium for a Book Project.

Principal Investigator. ISRC Grant.

Project DMZ: 30-Years After.

Principal Investigator. ISRC Grant.

Three-way Talks: Co-occurring Encounters.

Principal Investigator. SoAD Student Led Architecture Build (s-Lab) grant.

Trading Architecture: Trading Architecture: Building critical picturing in architectural history.

Co-Principal Investigator. SoAD Workshop grant.

Nader Vossoughian, Ph.D.

Associate Professor, Architecture

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

Principal Investigator. ISRC Grant.

Trading Architecture: Trading Architecture: Building critical picturing in architectural history.

Co-Principal Investigator. SoAD Workshop grant.

COLLEGE OF ENGINEERING AND COMPUTING SCIENCES

College of Engineering and Computing Sciences

I. Authors

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

Amineh, R.K., Nikolova, N.K., & Ravan, M. (2019). *Real-time three-dimensional imaging of dielectric bodies using microwave/millimeter wave holography*. Hoboken, N.J.: Wiley & IEEE Press.

Amineh, R. K., Ravan, M., Wu, H., & Kasturi, A. (2019). Three-dimensional holographic imaging using data collected over cylindrical apertures. *Microwave and Optical Technology Letters*, 61(4), 907-911. doi: 10.1002/mop.31694.

Jansari, D., & Amineh, R.K. (2019). A two-element antenna array for compact portable MIMO-UWB communication systems. *AIMS Electronics and Electrical Engineering*, 3(3), 224-232. doi: 10.3934/ElectrEng.2019.3.224.

Wu, H., & Amineh, R.K. (2019). A low-cost and compact three-dimensional microwave holographic imaging system. *Electronics*, 8(9). doi: 10.3390/electronics8091036.

Zhang, K., Amineh, R.K., Dong, Z., & Nadler, D. (2019). Microwave sensing of water quality. *IEEE Access*, 7(1), 69481-69493. doi: 10.1109/ACCESS.2019.2918996.

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Brown, S., Milkov*, P., Patel*, S., Looi*, Y.Z., Jain*, E., Dong, Z., Gu, H., & Artan N.S. (2019). Acoustic and visual approaches to adversarial text generation for Google perspective. *Proceedings of the 2019 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1-6. Accessed from <https://americancse.org/events/csci2019/publisher>

Castro, R., & Artan, N.S. (2019). Adaptive sampling for low-power wearable and implantable devices. *Proceedings of the 16th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2019) and the Sixth National Workshop for REU Research in Networking and Systems (2019 6th REU Research in N & S)*. Accessed from <https://par.nsf.gov/biblio/10128314-adaptive-sampling-low-power-wearable-implantable-devices>

Zhou, C., Bryan, L., Wang, E., Artan, N. S., & Dong, Z. (2019). Cognitive distraction to improve cybersickness in virtual reality environment. *Proceedings of the 16th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2019) and the Sixth National Workshop for REU Research in Networking and Systems (2019 6th REU Research in N & S)*. Accessed from <https://par.nsf.gov/biblio/10128315>

Ahmadreza Baghaie, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Baghaie, A. (2019). Robust principal component analysis for background estimation of particle image velocimetry data. In *2019 IEEE Long Island Systems, Applications and Technology Conference*, 1-6. doi: 10.1109/LISAT.2019.8817345.

Bashiri, F.S., Baghaie, A., Rostami, R., Yu, Z., & D'Souza, R.M. (2019). Multi-modal medical image registration with full or partial data: A manifold learning approach. *Journal of Imaging*, 5(1), 1-24. doi: 10.3390/jimaging5010005.

Kiran S. Balagani, Ph.D.

Associate Professor, Computer Sciences

Balagani, K.S., Cardaioli, M., Conti, M., Gasti, P., Georgiev, M., Gurtler, T., Lain, D., Miller, C., Molas, K., Samarin, N., Saraci, E., Tsudik, G., Wu, L. (2019). PILOT: Password and PIN information leakage from obfuscated typing videos. *Journal of Computer Security*, 27(4), 405-425.

Santhanakrishnan, A., Ding, D., Gasti, P., O'Neal, M., Conti, M., & Balagani, K.S. (2019). DISPERSE: A decentralized architecture for content replication resilient to node failures. *IEEE Transactions on Network and Service Management*. doi: 10.1109/TNSM.2019.2936425.

Babak D. Beheshti, Ph.D.

Professor and Dean, College of Engineering and Computing Sciences

Beheshti, B.D. (2019, October 22). What's needed to deploy 5G in rural environments? *The Fast Mode*. Retrieved from <https://www.thefastmode.com/expert-opinion/15733-what-s-needed-to-deploy-5g-in-rural-environments>.

Beheshti, B.D. (2019, October 23). What 5G means for smart cities. *SmartCitiesWorld*. Retrieved from <https://www.smartcitiesworld.net/smart-cities-news/what-5g-means-for-smart-cities>.

Beheshti, B.D. (2019, November 14). The future of 5G. Interview with PBS *SciTechNow*, Season 6, Episode 7. Retrieved from <https://www.pbs.org/video/scitech-now-episode-607-e06ljf/>

Beheshti, B.D. (2019, December 8). [Quoted in] 5G in 2020: Still just a private party. Jon Gold, Senior Writer, *Network World*. Retrieved from <https://www.networkworld.com/article/3488563/5g-in-2020-still-just-a-private-party.html>

Beheshti, B.D. (2019, December 23). [Quoted in] STEM can kickstart your career in data science, but relying solely on MOOCs can't, says Babak Beheshti, NYIT. Sameer Balaganur, Content Writer, *Analytics India Magazine*. Retrieved from <https://analyticsindiamag.com/stem-can-kickstart-your-career-in-data-science-but-relying-solely-on-moocs-cant-says-babak-beheshti-nyit/>

Steven H. Billis, Ph.D.

Professor, Electrical and Computer Engineering

Billis, S., & Cubenas, O. (2019). Assessing Collaborative Learning with e-tools in Engineering and Computer Science Programs. In *Proceedings of the Future Technologies Conference (FTC) 2019*, vol 2, 848-854. doi: 10.1007/978-3-030-32523-7_62.

Houwei Cao, Ph.D.

Assistant Professor, Computer Sciences

Cao, H. (2019, July 15). I'm developing AI that can read emotions. It's not as creepy as it sounds. *CNN Business Perspectives*. Retrieved from <https://www.cnn.com/2019/07/15/perspectives/ai-reads-emotions/index.html>

Jin, Z.* & Cao, H. (2019). Development of emotion rankers based on intended and perceived emotion labels. *Proceedings Interspeech 2019*, 3277-3281. doi:10.21437/Interspeech.2019-1831.

Mei, L.*, Hu, R.*, Cao, H., Liu, L., Han, Z., Li, F., & Li, J. (2019). Realtime mobile bandwidth prediction using LSTM neural network. In: Choffnes, D., Barcellos, M. (eds.) *Passive and Active Measurement. PAM 2019. Lecture Notes in Computer Science*, vol. 11419, 34-47, Springer, Cham. doi: 10.1007/978-3-030-15986-3_3.

(*) graduate students

Dorinamaria Carka, Ph.D.

Assistant Professor, Mechanical Engineering

Kelly, I., Savinova, O., & Carka, D. (2019). Fluid-structure interaction modeling of genetically engineered micro-calcification at the luminal surface in mice. *Proceedings of the 16th International Symposium on Computer Methods in Biomechanics and Biomedical Engineering (CMBBE) 2019*.

Batu K. Chalise, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Chalise, B.K. (2019). ADMM-based beamforming optimization for physical layer security in a full-duplex relay system. *Proceedings of the ICASSP 2019- IEEE International Conference on Acoustics, Speech & Signal Processing*, 4734-4738. doi: 10.1109/ICASSP.2019.8682515.

Chalise, B.K., & Himed, B. (2019). Multiple target parameter estimation in bistatic passive radar. *Proceedings of the IEEE Radar Conference*. doi: 10.1109/RADAR.2019.8835608.

Chalise, B.K., Li, Q., & Ma, W-K. (2019). Full-duplex secure relay beamforming design for systems with partial and perfect CSI. *IEEE Transactions on Vehicular Technology*, 68(6), 4470-5584. doi: 10.1109/TVT.2019.2901282.

Chalise, B.K., & Sadler, B.M. (2019). Joint data and tag precoder optimization for MIMO physical layer authentication with embedded fingerprinting. *Proceedings of the IEEE Conference on Communications and Network Security (CNS)*. doi: 10.1109/CNS.2019.8802729.

Guruacharya, S., Chalise, B.K., & Himed, B. (2019). On the product of complex Gaussians with applications to radar. *IEEE Signal Processing Letters*, 26(10), 1536-1540. doi: 10.1109/LSP.2019.2938089.

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Jerry Cheng, Ph.D.

Assistant Professor, Computer Science

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Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

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Rishabh Dudheria, Ph.D.

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

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Aydin Farajidavar, Ph.D.

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

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Paolo Gasti, Ph.D.

Associate Professor, Computer Science

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Huanying Gu, Ph.D.

Professor and Associate Dean, Computer Science

Brown*, S., Milkov*, P., Patel*, S., Looi*, Y.Z., Jain*, E., Dong, Z., Gu, H., & Artan N.S. (2019). Acoustic and visual approaches to adversarial text generation for Google perspective. *Proceedings of the 2019 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1-6. Accessed from <https://americancse.org/events/csci2019/publisher>

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Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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Amir Javan-Khoshkholgh, Ph.D.

Research Assistant Professor, Electrical and Computer Engineering

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Ehsan Kamel, Ph.D.

Assistant Professor, Energy Management

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Fang Li, Ph.D.

Associate Professor, Mechanical Engineering

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Wenjia Li, Ph.D.

Assistant Professor, Computer Science

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David Nadler, Ph.D.

Assistant Professor and Chairperson, Environmental Technology & Sustainability

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Michael Nizich, Ph.D.

Adjunct Assistant Professor, Computer Science & Director, Entrepreneurship and Technology Innovation Center

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Maryam Ravan, Ph.D.

Assistant Professor, Electrical and Computing Engineering

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Anand Santhanakrishnan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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Milan Toma, Ph.D.

Assistant Professor, Mechanical Engineering

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Qin Wang, Ph.D.

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

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Xun Yu, Ph.D.

Chairperson and Professor, Mechanical Engineering

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Tao Zhang, Ph.D.

Professor, Computer Science

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

II. Presenters at Meetings and Conferences

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

Sykes*, J., St. Fleur*, R.S., Norkulov*, D., Dong, Z., & Amineh, R.K. (2019, September). *Conscious GPS: a system to aid the visually impaired to navigate public transportation*. Paper presented at the 40th IEEE Sarnoff Symposium, New Jersey Institute of Technology, Newark, N.J.

Zhang, K., Amineh, R.K., Dong, Z., & Nadler, D. (2019, April). *A microwave sensor array for water quality testing*. Paper presented at the 20th annual IEEE Wireless and Microwave Technology Conference (WAMICON), Cocoa Beach, Fla. In *Proceedings of the 20th annual IEEE Wireless and Microwave Technology Conference*, 1-4. doi: 10.1109/WAMICON.2019.8765458.

(*) undergraduate student

Robert Amundsen, Ph.D.

Associate Professor, Energy Management

Amundsen, R. (2019, June). Closing remarks and Chair of the 14th Annual Energy Conference, Energy and Facilities: Safety, Comfort, Sustainability. NYIT de Seversky Mansion, Old Westbury, N.Y.

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Brown*, S., Milkov*, P., Patel*, S., Looi*, Y.Z., Jain*, E., Dong, Z., Gu, H., & Artan N.S. (2019, December). *Acoustic and visual approaches to adversarial text generation for Google perspective*. Paper presented at the International Conference on Computational Science and Computational Intelligence, Las Vegas, Nev. *Proceedings of the 2019 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1-6. Accessed from <https://americancse.org/events/csci2019/publisher>

Castro, R., & Artan N.S. (2019, November). *Adaptive sampling for low-power wearable and implantable devices*. Paper presented at the 16th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2019) and the 6th National Workshop for REU Research in Networking and Systems, Monterey, Calif. <https://sites.google.com/view/reuns2019/>

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(*) undergraduate student

Ahmadreza Baghaie, Ph.D.
Assistant Professor, Electrical and Computer Engineering

Baghaie, A. (2019, May). *Robust principal component analysis for background estimation of particle image velocimetry data*. Paper presented at the 2019 IEEE Long Island Systems, Applications and Technology Conference. In *2019 IEEE Long Island Systems, Applications and Technology Conference*, 1-6. Doi: 10.1109/LISAT.2019.8817345.

Babak D. Beheshti, Ph.D.
Professor and Dean, College of Engineering and Computing Sciences

Beheshti, B.D. (2019, May). *Conference Committee Chair* at the Girls in Engineering and Technology Day, NYIT-Long Island Campus.

Beheshti, B.D. (2019, June). Opening remarks at the 14th Annual Energy Conference, Energy and Facilities: Safety, Comfort, Sustainability. NYIT de Seversky Mansion, Old Westbury, N.Y.

Beheshti, B.D. (2019, November). *Technology, sustainable development and ethics*. Keynote Speaker at the IEEE International Symposium on Technology and Society (ISTAS), Boston, Mass.

Beheshti, B.D. (2019, November). *Opening Remarks*. Speaker at the Annual Transportation Technology Summit, University Transportation Research Center, NYIT Auditorium on Broadway, New York City.

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

Billis, S., & Cubenas, O. (2019, October). *Assessing Collaborative Learning with e-tools in Engineering and Computer Science Programs*. Paper presented at the 4th Future Technologies Conference, San Francisco, Calif. In *Proceedings of the Future Technologies Conference (FTC) 2019*, vol 2, 848-854. doi: 10.1007/978-3-030-32523-7_62.

Houwei Cao, Ph.D.
Assistant Professor, Computer Sciences

Cao, H. (2019, May). *AI and Cybersecurity*. Panelist at the Artificial Intelligence: Fueling the Next Wave of Innovation Conference, NYIT de Seversky Mansion, Old Westbury, N.Y.

Jin, Z.*, & Cao H. (2019, September). *Development of emotion rankers based on intended and perceived emotion labels*. Paper presented at Interspeech 2019 conference, Graz, Austria. In *Proceedings Interspeech 2019*, 3277-3281. doi:10.21437/Interspeech.2019-1831.

Mei, L.*, Hu, R.*, Cao, H., Liu, L., Han, Z., Li, F., & Li, J. (March 2019). *Realtime mobile bandwidth prediction using LSTM neural network*. Paper presented at the International Conference on Passive and Active Network Measurement 2019, Puerto Varas, Chile. In Choffnes, D., Barcellos, M. (eds.) *Passive and Active Measurement. PAM 2019. Lecture Notes in Computer Science*, vol. 11419, 34-47, Springer, Cham. doi: 10.1007/978-3-030-15986-3_3.

(*) graduate students

Dorinamaria Carka, Ph.D.

Assistant Professor, Mechanical Engineering

Kelly, I., Savinova, O., & Carka, D. (2019, August). *Fluid-structure interaction modeling of genetically engineered micro-calcification on abdominal aorta luminal surface in mice*. Poster presented at the 16th International Symposium on Computer Methods in Biomechanics and Biomedical Engineering (CMBBE), Columbia University, New York City. Accessed from https://link.springer.com/chapter/10.1007/978-3-030-43195-2_48.

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Batu K. Chalise, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Chalise, B.K. (2019, May). *ADMM-based beamforming optimization for physical layer security in a full-duplex relay system*. Paper presented at the IEEE International Conference on Acoustics, Speech & Signal Processing (ICASSP), Brighton, United Kingdom. In *Proceedings of the ICASSP 2019- IEEE International Conference on Acoustics, Speech & Signal Processing*, 4734-4738. doi: 10.1109/ICASSP.2019.8682515.

Chalise, B.K., & Himed, B. (2019, April). *Multiple target parameter estimation in bistatic passive radar*. Paper presented at the IEEE Radar Conference, Boston, Mass. *Proceedings of the IEEE Radar Conference*. Doi: 10.1109/RADAR.2019.8835608.

Chalise, B.K., & Sadler, B.M. (2019, June). *Joint data and tag precoder optimization for MIMO physical layer authentication with embedded fingerprinting*. Paper presented at the IEEE Conference on Communications & Network Security (CNS), Workshop on physical layer methods for security and privacy in 5G and the IoT. Washington D.C., *Proceedings of the IEEE Conference on Communications and Network Security (CNS)*. doi: 10.1109/CNS.2019.8802729.

Pak, S., Chalise, B.K., & Himed, B. (2019, September). *Target localization in multi-static passive radar systems with artificial neural networks*. Presentation at the International Radar Conference, Toulon, France, <https://www.radar2019.org/programme.html>

Jerry Cheng, Ph.D.

Assistant Professor, Computer Science

Wu, Y., Liu, J., Chen, Y., & Cheng, J.Q. (2019, December). *Semi-black box attacks against speed recognition systems using adversarial samples*. Paper presented at the IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN), Newark, N.J., *Proceedings of IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN)*. Retrieved from <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8935789>

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

Brown*, S., Milkov*, P., Patel*, S., Looi*, Y.Z., Jain*, E., Dong, Z., Gu, H., & Artan N.S. (2019, December). *Acoustic and visual approaches to adversarial text generation for Google perspective*. Paper presented at the International Conference on Computational Science and Computational Intelligence, Las Vegas, Nev. In *Proceedings of the 2019 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1-6. Accessed from <https://americancse.org/events/csci2019/publisher>

Dong, Z. (2019, January). *Urban infrastructure for a sustainable and resilient food, energy, and water system*. Presentation at the National Council on Science and Environment Annual Conference, Washington, D.C.

Dong, Z. (2019, April). *Autonomous soil nutrient sensing system*. Presentation at the Joint National Science Foundation (NSF) Defense Advanced Research Projects Agency (DARPA) Advanced Research Projects Agency-Energy (ARPA-E) Signals in the Soil Awardee Conference, Alexandria, Va.

Dong, Z. (2019, August). *Parkinson's Disease: Rock steady to robotics*. Presentation at the NYIT Engineering and Medicine Innovation Seminar Series, Riland Auditorium, Long Island Campus.

Dong, Z. (2019, October). *A case study of integrated analysis and modeling for the management of sustainable urban FEW resources*. Presentation at the 13th Annual US-China Eco-Environmental Symposium, Research and Innovation at the Nexus of Food, Energy, and Water Systems, Seattle, Wash.

Dong, Z. (2019, October). *Autonomous soil nutrient sensing system for precision and sustainable agriculture*. Presentation at the Biological and Chemical Sciences Seminar Series, NYIT-New York City

Dong, Z. (2019, November). *An autonomous soil nutrient sensing system*. Presentation at the Special Session Symposium- Sensors for the Soil: Remote and Real-Time Monitoring of Multiscale Soil Process, the 2019 American Society of Agronomy, the Crop Science Society of America, and the Soil Science Society of America International Annual Meeting, San Antonio, Texas. <https://scisoc.confex.com/scisoc/2019am/meetingapp.cgi/Paper/120740>

Dong, Z. (2019, November). *Blockchain implementation for analysis of carbon footprint across food supply chain*. Presentation at the Annual Transportation Technology Summit, University Transportation Research Center, NYIT Auditorium on Broadway, New York City.

Dong, Z., Zhuang[#], W., & Rojas-Cessa, R. (2019, July). *Delayed best-fit task scheduling to reduce energy consumption in cloud data centers*. Paper presented at the 15th IEEE International Conference on Green Computing and Communications, Atlanta, Ga. Accessed from <https://ieeexplore.ieee.org/document/8875333>.

Sykes*, J., St. Fleur*, R.S., Norkulov*, D., Dong, Z., & Amineh, R.K. (2019, September). *Conscious GPS: a system to aid the visually impaired to navigate public transportation*. Paper presented at the 40th IEEE Sarnoff Symposium, New Jersey Institute of Technology, Newark, N.J.

Zhang, K., Amineh, R.K., Dong, Z., & Nadler, D. (2019, April). *A microwave sensor array for water quality testing*. Paper presented at the 20th annual IEEE Wireless and Microwave Technology Conference (WAMICON), Cocoa Beach, Fla. In *Proceedings of the 20th annual IEEE Wireless and Microwave Technology Conference*, 1-4. doi: 10.1109/WAMICON.2019.8765458.

Zhou, C., Bryan, L., Wang, E., Artan, N.S., & Dong, Z. (2019, November). *Cognitive distraction to improve cybersickness in virtual reality environment*. Paper presented at the 16th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2019): the Sixth National Workshop for REU Research in Networking and Systems, Monterey, Calif. In *Proceedings of the 16th International Conference on Mobile Ad-hoc and Sensor Systems (IEEE MASS 2019): the Sixth National Workshop for REU Research in Networking and Systems (2019 6th REU Research in N & S)*. Accessed from <https://par.nsf.gov/biblio/10128315>

Shakhbulatov*, D., Arora*, A., Dong, Z., & Rojas-Cessa, R. (2019, July). *CFC: Blockchain implementation for analysis of carbon footprint across food supply chain*. Presentation at the 2nd IEEE International Conference on Blockchain, Atlanta, Ga.

(*) undergraduate student, (#) graduate student

Aydin Farajidavar, Ph.D.

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

Farajidavar, A. (2019, May). *Electroceuticals for mapping and modulating gut activity: Towards closed-loop management of gastroparesis*. Presentation at the International Neuromodulation Society 14th World Congress, Sydney, Australia. *Neuromodulation Technology at the Neural Interface*. doi: 10.1111/ner.12958.

Farajidavar, A., (2019, June). *Electroceuticals for mapping and modulating gut activity*. Invited presentation at the Electroceuticals: technologies and modeling for electromagnetically-mediated medical treatments Workshop, International Microwave Symposium, Boston, Mass. Retrieved from https://ims-ieee.org/paper_abstract/644

Javan-Khoshkholgh, A., Alrofati, W., Miller, L.S., Vegesna, A., Kiani M., & Farajidavar, A. (2019, July). *A high-resolution wireless power transfer and data communication system for studying gastric slow waves*. Poster presented at the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). In *Proceedings of the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 3271-3274. doi:10.1109/EMBC.2019.8856619.

Javan-Khoshkholgh, A., Kang, Q., Abumahfouz, N., & Farajidavar, A. (2019, July). *Monitoring and modulating the gastrointestinal activity: A wirelessly programmable system with impedance measurement capability*. Poster presented at the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). In *Proceedings of the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 1127-1130. doi: 10.1109/EMBC.2019.8857715.

Javan-Khoshkholgh, A., Sassoon, J.C., & Farajidavar, A. (2019, October). *A wireless rechargeable implantable system for monitoring and pacing the gut in small animals*. Poster presented at the 2019 IEEE Biomedical Circuits and Systems Conference (BioCAS). In *Proceedings of the 2019 IEEE Biomedical Circuits and Systems Conference (BioCAS)*, Nara, Japan, 1-4. doi: 10.1109/BIOCAS.2019.8919125.

Javan-Khoshkholgh, A., Sassoon, J., Kiani, M., Miller, L., Farajidavar, A. (2019, July). *A 64-channel wireless implantable system to study gastrointestinal electrical activity*. Abstract and technology showcase at the International Society for Autonomic Neuroscience (ISAN), Los Angeles, Calif., 115, 150. In *Proceedings of the 11th Congress of the International Society for Autonomic Neuroscience*. Retrieved from http://isan2019.org/wp-content/uploads/2019/07/ISAN-2019-Abstract-Book_v5.pdf

Meng, M., Graybill, P., Ramos, R.L., Javan-Khoshkholgh, A., Farajidavar A., & Kiani M. (2019, July). *An ultrasonically powered wireless system for in vivo gastric slow-wave recording*. Oral Presentation at the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). In *Proceedings of the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 7064-7067. doi: 10.1109/EMBC.2019.8857243.

Huanying Gu, Ph.D.

Professor and Associate Dean, Computer Science

Brown*, S., Milkov*, P., Patel*, S., Looi*, Y.Z., Jain*, E., Dong, Z., Gu, H., & Artan N.S. (2019, December). *Acoustic and visual approaches to adversarial text generation for Google perspective*. Paper presented at the International Conference on Computational Science and Computational Intelligence, Las Vegas, Nev. In *Proceedings of the 2019 International Conference on Computational Science and Computational Intelligence (CSCI)*, 1-6. Accessed from <https://americancse.org/events/csci2019/publisher>

Zhou#, S., Chen#, C., & Gu, H. (2019, November). *Testing and evaluating SNOMED CT web browsers' textual search feature*. Paper presented at the 2nd International workshop on Quality Assurance and Enrichment of Biological and Biomedical Ontologies and Terminologies in conjunction with the 2019 IEEE International Conference on Bioinformatics and Biomedicine (BIBM2019), San Diego, Calif. In *Proceedings of 2019 IEEE International Conference on Bioinformatics and Biomedicine (BIBM)*, 1954-1961. doi: 10.1109/BIBM47256.2019.8983355.

(*) undergraduate student (#) graduate student

Tindaro Ioppolo, Ph.D.

Associate Professor, Mechanical Engineering

Ioppolo, T. (2019, September). *A photonic skin friction and wall pressure sensor for unsteady separated turbulent boundary layers*. Invited Speaker at the Army Research Office Workshop, Georgia Institute of Technology, Atlanta, Ga.

Ioppolo, T. (2019, July). *Characterization of turbulent unsteady separation using photonic micro-skin friction and wall pressure sensors*. Invited Speaker at the Air Force Office of Scientific Research (AFOSR), Research Meeting, Air Force Academy, Colorado Springs, Colo.

Amir Javan-Khoshkholgh, Ph.D.

Research Assistant Professor, Electrical and Computer Engineering

Javan-Khoshkholgh, A., Alrofati, W., Miller, L.S., Vegesna, A., Kiani M., & Farajidavar, A. (2019, July). *A high-resolution wireless power transfer and data communication system for studying gastric slow waves*. Poster presented at the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). In *Proceedings of the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 3271-3274. Doi:10.1109/EMBC.2019.8856619.

Javan-Khoshkholgh, A., Kang, Q., Abumahfouz, N., & Farajidavar, A. (2019, July). *Monitoring and modulating the gastrointestinal activity: A wirelessly programmable system with impedance measurement capability*. Poster presented at the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). In *Proceedings of the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 1127-1130. Doi: 10.1109/EMBC.2019.8857715.

Javan-Khoshkholgh, A., Sassoon, J.C., & Farajidavar, A. (2019, October). *A wireless rechargeable implantable system for monitoring and pacing the gut in small animals*. Poster presented at the 2019 IEEE Biomedical Circuits and Systems Conference (BioCAS). In *Proceedings of the 2019 IEEE Biomedical Circuits and Systems Conference (BioCAS)*, Nara, Japan, 1-4. Doi: 10.1109/BIOCAS.2019.8919125.

Javan-Khoshkholgh, A., Sassoon, J., Kiani, M., Miller, L., Farajidavar, A. (2019, July). *A 64-channel wireless implantable system to study gastrointestinal electrical activity*. Abstract and technology showcase at the International Society for Autonomic Neuroscience (ISAN), Los Angeles, Calif., 115, 150. In *Proceedings of the 11th Congress of the International Society for Autonomic Neuroscience*. Retrieved from http://isan2019.org/wp-content/uploads/2019/07/ISAN-2019-Abstract-Book_v5.pdf

Meng, M., Graybill, P., Ramos, R.L., Javan-Khoshkholgh, A., Farajidavar A., & Kiani M. (2019, July). *An ultrasonically powered wireless system for in vivo gastric slow-wave recording*. Oral Presentation at the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC). In *Proceedings of the 41st Annual International Conference of the IEEE Engineering in Medicine and Biology Society (EMBC)*, Berlin, Germany, 7064-7067. doi: 10.1109/EMBC.2019.8857243.

Ehsan Kamel, Ph.D.

Assistant Professor, Energy Management

Kamel, E. (2019, June). *The impact of building envelope on potential energy savings*. Invited Speaker at the 14th Annual Energy Conference, Energy and Facilities: Safety, Comfort, Sustainability. NYIT de Seversky Mansion, Old Westbury, N.Y.

Kamel, E., & Iuldasheva, A. (2019, December). *The effectiveness of HVAC demand response control on buildings with low and high thermal insulation*. Presentation at the Buildings XIV International Conference, Clearwater beach, Fla.

Kamel, E., & Memari A.M. (2019, April). *Review of building science application in selected DOE's race to zero student design competition projects*. Paper presented at the Architectural Engineering Conference, Tysons, Va. In Ling, M.D.F., Solnosky, R., & Leicht, R.M. (Eds). *AEI 2019: Integrated Building Solutions-The National Agenda*. doi: 10.1061/9780784482261.

Wenjia Li, Ph.D.

Assistant Professor, Computer Science

Li, W., Bala*, N., Ahmar*, A., Tovar*, F., Battu*, A., Bambarkar*, P. (2019, December). *A robust malware detection approach for android system against adversarial example attacks*. Paper presented as an invited paper at the 2019 IEEE Workshop on Artificial Intelligence for Cyber Security (IEEE A14CyberSec2019), in conjunction with the 5th IEEE International Conference on Collaboration and Internet Computing (IEEE CIC 2019), Los Angeles, Calif. *2019 IEEE 5th International Conference on Collaboration and Internet Computing (CIC)*, 360-365. doi: 10.1109/CIC48465.2019.00050.

(*) undergraduate student

David Nadler, Ph.D.

Assistant Professor and Chairperson, Environmental Technology & Sustainability

Nadler, D. (2019, January). *Ultrasonic technology in wastewater treatment*. Poster presented at the National Council for Science and the Environment 2019 Annual Conference, Washington, DC.

Nadler, D. (2019, January). *A survey of one-day environmental communication through Twitter*. Poster presented at the National Council for Science and the Environment 2019 Annual Conference, Washington, DC.

Zhang, K., Amineh, R.K., Dong, Z., & Nadler, D. (2019, April). *A microwave sensor array for water quality testing*. Paper presented at the 20th annual IEEE Wireless and Microwave Technology Conference (WAMICON), Cocoa Beach, Fla. In *Proceedings of the 20th annual IEEE Wireless and Microwave Technology Conference*, 1-4. doi: 10.1109/WAMICON.2019.8765458.

Michael Nizich, Ph.D.

Adjunct Assistant Professor, Computer Science & Director, Entrepreneurship and Technology Innovation Center

Nizich, M. (2019, November). *Governance and Compliance*. Panelist at the InfraGuard Conference, NYIT Student Activity Center, Long island Campus.

Nizich, M. (2019, October). *Cybersecurity Strategies for Critical Infrastructure and Systems*. Panel Moderator at the Peer 150 New York Cyber Attic, NYIT Auditorium on Broadway, New York City.

Nizich, M. (2019, October). *Artificial Intelligence: The impact of machine learning in project management*. Invited Speaker at the Project Management Institute of America, Westbury, N.Y.

Nizich, M. (2019, April). *Blockchain in plain language*. Speaker at the Symposium on Blockchain Applications in Business, Hofstra University, Hempstead, N.Y.

Nizich, M. (2019, September 6). ETIC, an innovative business center. Podcast Interview, *Hilary Topper On Air*. Podcast retrieved from <https://www.hilarytopperonair.com/episode/etic-an-innovative-business-center/>

Nizich, M., Kemp, S., Stephen, R., & Casagrande, C. (2019, June). *U.S. competitiveness in international education: An economic and diplomatic dialogue*. Panel presentation at the National Association of Foreign Student Advisors (NAFSA) Annual Conference and Expo, Washington, D.C.

Nizich, M. (2019, January). *Advancing engineering education using the United Nations sustainable development goals*. Panelist at the United Nations NGO Commission on the Status of Women (CSW) & the Committee for Education, Learning, and Literacy (CELL), United Nations Plaza, New York City.

Maryam Ravan, Ph.D.

Assistant Professor, Electrical and Computing Engineering

Ravan, M. (2019, December). *Machine learning approach to measure sleep quality using EEG signals*. Paper presented at the IEEE Signal Processing in Medicine and Biology Symposium (SPMB 2019), Philadelphia, Pa.

Anand Santhanakrishnan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Santhanakrishnan A., Alnakhli M., Chandaramouli R., & Subbalakshmi K.P. (2019, November). *Enhancing spectrum efficiency in D2D wireless networks by exploiting source correlation*. Paper presented at the IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN'2019), Newark, N.J. In *Proceedings of the 2019 IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN)*.

Santhanakrishnan A., Kumar V.P., Chandaramouli R. (2019, November). *Spectrum management over dynamic spectrum access based HetNets*. Paper presented at the IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN'2019), 1-8. Newark, N.J. *2019 IEEE International Symposium on Dynamic Spectrum Access Networks (DySPAN)*. doi: 10.1109/DySPAN.2019.8935768.

Milan Toma, Ph.D.

Assistant Professor, Mechanical Engineering

Toma, M., Kuo, S.-H. (2019, August 14-16). *Computational assessment of risk of subdural hematoma associated with ventriculoperitoneal shunt placement*. Paper presented at the 16th International Symposium on Computer Methods in Biomechanics and Biomedical Engineering, Columbia University, New York City.

Qin Wang, Ph.D.

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

Wang, Q. (2019, August). *IPTV video hardware encryption transmission system analysis*. Paper presented at the 2019 IEEE International Conference on Dependable, Autonomic and Secure Computing, International Conference on Pervasive Intelligence and Computing, International Conference on Cloud and Big Data Computing, International Conference on Cyber Science and Technology Congress (DASC/PiCom/CBDCom/CyberSciTech), Fukuoka, Japan. http://cyber-science.org/2019/dasc/?utm_source=researchbib

Wang, Q. (2019, October). *A new content popularity probability based cache placement and replacement plan in CCN*. Paper presented at the 2019 IEEE International Conference on Communication Technology (ICCT), Xi'an, China. <http://www.ieee-icct.org/>

Wang, Q. (2019, October). *A review of game theoretical resource allocation methods in wireless communications*. Paper presented at the 2019 IEEE International Conference on Communication Technology (ICCT), Xi'an, China. <http://www.ieee-icct.org/>

Wang, Q. (2019, December). *Auction game-based bandwidth allocation for relays in crowded areas*. Paper presented at the 2019 IEEE GLOBECOM 2019 Workshop, Waikoloa, Hawaii. <http://globecom2019.ieee-globecom.org/>

III. Honorees and Awardees

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

Finalist, student paper competition, Zhang, K., Amineh, R.K., Dong, Z., & Nadler, D. (2019, April). *A microwave sensor array for water quality testing*. Paper presented at the 20th annual IEEE Wireless and Microwave Technology Conference (WAMICON), Cocoa Beach, Fla. In *Proceedings of the 20th annual IEEE Wireless and Microwave Technology Conference*, 1-4. doi: 10.1109/WAMICON.2019.8765458.

Ahmadreza Baghaie, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Reviewer, *Artificial Intelligence in Medicine* (Elsevier). ISSN: 0933-3657.

Reviewer, *International Journal of Medical Informatics* (Elsevier). ISSN: 1386-5056.

Reviewer Board, *Remote Sensing* (MDPI). ISSN 2072-4292.

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

Finalist, student paper competition, Zhang, K., Amineh, R.K., Dong, Z., & Nadler, D. (2019, April). *A microwave sensor array for water quality testing*. Paper presented at the 20th annual IEEE Wireless and Microwave Technology Conference (WAMICON), Cocoa Beach, Fla. In *Proceedings of the 20th annual IEEE Wireless and Microwave Technology Conference*, 1-4. doi: 10.1109/WAMICON.2019.8765458.

Ehsan Kamel, Ph.D.

Assistant Professor, Energy Management

Editorial Board Member, *Smart Construction Research Journal*. ISSN 2529-7740.

Editorial Board Member, *Sustainable Smart Behavior Journal (SSB)*. ISSN 2611-8637 (Print); ISSN 2612-2340 (Online).

Recipient of the Young Engineers in ASHRAE (YEA) scholarship for HVAC design training.

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

Wenjia Li, Ph.D.

Assistant Professor, Computer Science

Recipient of the 2019 IEEE Region 1 Technological Innovation (Academic) Award. For technical innovation in applying machine learning and data analytics techniques to a wide variety of research domains such as cyber security, Internet of Things, Intelligent Transportation System, mobile devices, and automated RNA sequencing.

David Nadler, Ph.D.

Assistant Professor and Chairperson, Environmental Technology & Sustainability

Finalist, student paper competition, Zhang, K., Amineh, R.K., Dong, Z., & Nadler, D. (2019, April). *A microwave sensor array for water quality testing.* Paper presented at the 20th annual IEEE Wireless and Microwave Technology Conference (WAMICON), Cocoa Beach, Fla. In *Proceedings of the 20th annual IEEE Wireless and Microwave Technology Conference*, 1-4. doi: 10.1109/WAMICON.2019.8765458.

Qin Wang, Ph.D.

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

Technical Program Committee (TPC) member, MMTC Communications Review
WCNC 2019 Reviewer, *IEEE/ACM Transactions on Networking, ICME 2019.*

IV. Patents

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

Amineh, R.K., & Donderici, B. *High quality visualization in a corrosion inspection tool for multiple pipes.*

Patent No. 10190404. Date of Patent: January 29 2019.

Amineh, R.K., Donderici B., & Martin, L.E.S. *Optimizing eddy current measurement to save power.*

Patent No. US10444190B2. Date of Patent: October 15 2019.

Chang, P.C., Martin, L.E.S., Amineh, R.K., & Rivera-Rios, A.M. *Defect discrimination apparatus, methods, and systems.*

Patent No. 10288583. Date of Patent: May 14 2019.

Donderici, B., Martin, L.E.S., & Amineh, R.K. *Deep azimuthal inspection of wellbore pipes.*

Patent No. EP3167152B1. Date of Patent: October 23 2019.

Martin, L.E.S., Amineh, R.K., & Donderici B. *Using an array of sensors between two transmitters in an eddy current logging environment.*

Patent No. 10338265. Date of Patent: July 2 2019.

Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Varanasi, V., Ilyas, A., Kramer, P., Azimaie, T., Aswath P., Cebe, T. *In vivo live 3D printing of regenerative bone healing scaffolds for rapid fracture healing.*

Patent number 10442182. B2 Application No. US 15/360,788. Date of Patent. October 15, 2019.

V. Grant Recipients—Externally Sponsored

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

Amineh, R.K. (PI): RUI: Fast and Robust Non-Destructive Testing of Cylindrical Composite Components Based on Microwave Measurements. Project period 09/01/2019-08/31/2022. National Science Foundation. Award No. 1920098.

Dong, Z. (PI): EAGER SitS: Autonomous Soil Nutrient Sensing System. Project period: 9/15/2018-8/31/2020. National Science Foundation, Award No. 1841558. Co-Principal Investigator.

Gu, H. (PI): Implementation of a Comprehensive High-School-College Partnership and Equity-Based Curriculum in Engineering and Computer Science. Project Period 03/01/2019—02/29/2024. National Science Foundation. Award No. 1834099. Co-Principal Investigator.

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

Gu, H. (PI): Implementation of a Comprehensive High-School-College Partnership and Equity-Based Curriculum in Engineering and Computer Science. Project Period 03/01/2019—02/29/2024. National Science Foundation. Award No. 1834099. Co-Principal Investigator.

Kiran S. Balagani, Ph.D.

Associate Professor, Computer Sciences

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

Gasti, P. (PI): TWC: Small: Collaborative: RUI: Towards Energy-Efficient Privacy-Preserving Active Authentication of Smartphone Users. Project period 4/1/2016-3/31/2019. National Science Foundation, Award No. CNS-1619023. Co-Principal Investigator.

Babak D. Beheshti, Ph.D.

Professor and Dean, College of Engineering and Computing Sciences

ERASMUS+ Exchange Program with Polytechnic University of Milan. (Project period 01/2020—06/2020. ERASMUS+ Program of the European Union. Learning mobility of individuals (KA107) International Credits Mobility.

Houwei Cao, Ph.D.

Assistant Professor, Computer Sciences

Gu, H. (PI): Implementation of a Comprehensive High-School-College Partnership and Equity-Based Curriculum in Engineering and Computer Science. Project Period 03/01/2019—02/29/2024. National Science Foundation. Award No. 1834099.

Dorinamaria Carka, Ph.D.

Assistant Professor, Mechanical Engineering

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

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

Batu K. Chalise, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Detection Algorithms for LTE-based Multi-Static Passive Radar Systems. Air Force Research Laboratory. Matrix Research, Inc. Project period: 7/27/2018-03/30/2020. CERFER Task Order CRFR-056-002-01.

Jerry Cheng, Ph.D.

Assistant Professor, Computer Science

Analyzing Extremely Large-scale Recurrent Event Data: a Divide-and-Conquer Approach. Army Research Office. Project period: 09/01/2019—8/31/2020. Award No. 75023-CS-II.

Enhanced Learning of Sensor Fusion for Human Authentication. Project period: 7/1/2018 to 6/30/2021. Army Research Office. Award No.: 70801-CS.

NeTS: Medium: Collaborative Research: Exploiting Fine-grained WiFi Signals for Wellbeing Monitoring. National Science Foundation. Project period 09/01/2019—8/31/2020. Award No. CNS-1954959.

SHF: Small: Collaborative Research: CNS Core: Small: Enabling Ubiquitous User Input on Any Solid Surface via Vibrations. National Science Foundation. Project period 10/01/2019—9/30/2022. Award No. 1909963.

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

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

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

Gu, H. (PI): Implementation of a Comprehensive High-School-College Partnership and Equity-Based Curriculum in Engineering and Computer Science. Project Period 03/01/2019—02/29/2024. National Science Foundation. Award No. 1834099. Co-Principal Investigator.

INFEWS/T3 RCN: City-as-Lab: A Research Coordination Network for the Study of the Food, Energy, and Water Nexus for Sustainable and Resilient Urban Development. Project period: 07/15/2019—06/30/2024. National Science Foundation. Award No. 1856032. Principal Investigator.

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

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

Aydin Farajidavar, Ph.D.

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

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

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

Paolo Gasti, Ph.D.

Associate Professor, Computer Science

Balagani, K, S. (PI): SaTC: CORE: Small: RUI: Leveraging Movement, Posture, and Anthropometric Contexts to Strengthen the Security of Mobile Biometrics. Project period 10/1/2018-9/30/2021. National Science Foundation. Award No. CNS-1814846. Co-Principal Investigator.

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

Huanying Gu, Ph.D.

Professor and Associate Dean, Computer Science

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

Co-PI: Cybersecurity Student Scholarship Application for 2019-2020. National Security Agency. Department of Defense Cyber Scholarship Program. Grant No. Grant No. H98230-19-1-0302. Project period 09/01/2019—07/31/2020.

PI: Implementation of a Comprehensive High-School-College Partnership and Equity-Based Curriculum in Engineering and Computer Science. Project Period 03/01/2019—02/29/2024. National Science Foundation. Award No. 1834099.

Faculty Mentor: 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.

Tindaro Ioppolo, Ph.D.

Associate Professor, Mechanical Engineering

PI: Characterization of Turbulent Unsteady Separation Using Photonic Micro-Skin Friction and Wall Pressure Sensors. Army Research Office. Project Period 04/01/2019—03/31/2022. Contract No. W911NF18910301.

PI: Feasibility Study on Innovative Visual Methods for Leak Detection. Northeast Gas Association. 05/01/2019—12/31/2019.

Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

Fang Li, Ph.D.

Associate Professor, Mechanical Engineering

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

Wenjia Li, Ph.D.

Assistant Professor, Computer Science

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

David Nadler, Ph.D.

Assistant Professor and Chairperson, Environmental Technology & Sustainability

Bureau of Water Supply Wastewater Treatment Study. New York City Department of Environmental Protection. Town+Gown Request for Proposals under the Consortium Contract, Bureau of Water Supply Wastewater Treatment Study. Contract No. CTA1 826 20207203721. Project period: 12/01/19 - 07/1/21. Principal Investigator.

Michael Nizich, Ph.D.

Adjunct Assistant Professor, Computer Science & Director, Entrepreneurship and Technology Innovation Center

Cybersecurity Student Scholarship Application for 2019-2020. National Security Agency. Department of Defense Cyber Scholarship Program. Grant No. Grant No. H98230-19-1-0302. Project period 09/01/2019—07/31/2020.

Maryam Ravan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Amineh, R.K. (PI): RUI: Fast and Robust Non-Destructive Testing of Cylindrical Composite Components Based on Microwave Measurements. Project period 09/01/2019-08/31/2022. National Science Foundation. Award No. 1920098. Co-Principal Investigator.

James J. Scire, Ph.D.

Associate Professor, Mechanical Engineering

Benchtop Instrument for Measuring High Temperature Surface Emissivity. Advanced Fuel Research, Inc. 05/01/2019—05/01/2021.

Milan Toma, Ph.D.

Assistant Professor, Mechanical Engineering

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

Qin Wang, Ph.D.

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

Research on resource allocation and smart media pricing for wireless multimedia communications
National Natural Science Foundation of China. Project period 01/2019—12/2021. Principal Investigator.

Research on key technologies of ubiquitous buffer networks for the security of smart grid systems
State Key Laboratory of Smart Grid Protection and Operation Control 2019 Open Project Package 17. Project period 12/2019—5/2021. Principal Investigator.

Xun Yu, Ph.D.

Professor and Chairperson, Mechanical Engineering

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

VI. Grant Recipients—Internally Sponsored

Reza K. Amineh, Ph.D., SMIEEE

Assistant Professor, Electrical and Computer Engineering

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

Material Characterization Based on a Microwave Sensor Array: Application to Water Quality Sensing.
Principal Investigator. ISRC Grant.

Fast Microwave and Millimeter Wave Imaging with Expedited Scanning.
Co- Principal Investigator. ISRC Grant.

N. Sertac Artan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

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

Fast Microwave and Millimeter Wave Imaging with Expedited Scanning.
Co- Principal Investigator. ISRC Grant.

Ahmadreza Baghaie, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Refraction Induced Error Quantification in Particle Image Velocimetry.
Principal Investigator. ISRC Grant.

Kiran S. Balagani, Ph.D.

Associate Professor, Computer Sciences

Image Vault: A Deep Learning Approach to Image Encryption Secure Against Password Guessing.
Co-Principal Investigator. ISRC Grant.

Houwei Cao, Ph.D.

Assistant Professor, Computer Science

Deep Reinforcement Learning-based Spontaneous Multimodal Emotion Recognition & Affect Sensing.

Principal Investigator. ISRC Grant.

Dorinamaria Carka, Ph.D.

Assistant Professor, Mechanical Engineering

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

Batu K. Chalise, Ph.D.

Assistant Professor, Electrical and Computer Engineering

Optimizing UAV-based Communications for Disaster Relief Operations.

Principal Investigator. ISRC Grant.

Physical Layer Fingerprinting for Joint Radar-Communications Platform

Principal Investigator. ISRC Grant.

Ziqian Dong, Ph.D.

Associate Professor, Electrical and Computer Engineering

Connectivity and Reliable Data Delivery in 5G-Wireless Networks Based Health Care Monitoring Systems.

Co-Principal Investigator. ISRC Grant.

Material Characterization Based on a Microwave Sensor Array: Application to Water Quality Sensing.

Co-Principal Investigator. ISRC Grant.

Aydin Farajidavar, Ph.D.

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

Design and Implementation of an Intelligent Wireless Sensor Network in Energy Smart Buildings for Model Predictive Control of Heating and Cooling System.

Co-Principal Investigator. ISRC Grant.

Effects of Vagus Nerve Modulation on Gastric Motility: A Functional Mapping Study.

Principal Investigator. ISRC Grant.

Continuous Monitoring and Modulation of the Vagus nerve: Toward Selective Modulation of Hepatic Metabolic Flux in Primate.

Principal Investigator. ISRC Grant.

Paolo Gasti, Ph.D.

Associate Professor, Computer Science

DeepPasswords: Efficient Password Guessing Using Deep Neural Networks.
Principal Investigator. ISRC Grant.

Image Vault: A Deep Learning Approach to Image Encryption Secure Against Password Guessing.
Principal Investigator. ISRC Grant.

Xueqing Huang, Ph.D.

Assistant Professor, Computer Science

Design and Implementation of an Intelligent Wireless Sensor Network in Energy Smart Buildings for Model Predictive Control of Heating and Cooling System.
Co-Principal Investigator. ISRC Grant.

Trust Establishment and Management for Cloud Enabled IoT Networks.
Principal Investigator. ISRC Grant.

Azhar Ilyas, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

Development of Highly Sensitive and Refrigeration-Free Microchip Technology for HIV Detection at POC Settings.
Principal Investigator. ISRC Grant.

Ehsan Kamel, Ph.D.

Assistant Professor, Energy Management

Design and Implementation of an Intelligent Wireless Sensor Network in Energy Smart Buildings for Model Predictive Control of Heating and Cooling System.
Principal Investigator. ISRC Grant.

Fang Li, Ph.D.

Associate Professor, Mechanical Engineering

Stretchable Nanogenerator for In Vivo Energy Harvesting.
Principal Investigator. ISRC Grant.

Wenjia Li, Ph.D.

Assistant Professor, Computer Science

Trust Establishment and Management for Cloud Enabled IoT Networks.
Co-Principal Investigator. ISRC Grant.

David Nadler, Ph.D.

Assistant Professor and Chairperson, Environmental Technology & Sustainability

Material Characterization Based on a Microwave Sensor Array: Application to Water Quality Sensing.
Co-Principal Investigator. ISRC Grant.

Maryam Ravan, Ph.D.

Assistant Professor, Electrical and Computing Engineering

Developing a Machine Learning Approach to Investigate the Brain Connectivity in Schizophrenia and the Effect of Clozapine Therapy. Principal Investigator. ISRC Grant.

Developing a Machine Learning Approach to Investigate the Brain Connectivity in Autistic Children and the Effect of Six Weeks Physical and Cognitive Therapy.
Principal Investigator. ISRC Grant.

Anand Santhanakrishnan, Ph.D.

Assistant Professor, Electrical and Computer Engineering

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

Fast Microwave and Millimeter Wave Imaging with Expedited Scanning.
Principal Investigator. ISRC Grant.

Milan Toma, Ph.D.

Assistant Professor, Mechanical Engineering

Computational Assessment of Traumatic Brain Injuries related to Football.
Principal Investigator. ISRC Grant.

Qin Wang, Ph.D.

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

Research on key technologies for sharing economy applications in multimedia IoT.
Global Faculty Research and Creativity Grant (GFRC). 2018-2019.

SCHOOL OF HEALTH PROFESSIONS

School of Health Professions

I. Authors

Christina Finn, Ed.D, OTR/L
Assistant Professor, Occupational Therapy

Finn, C. (2019). An occupation based approach to management of concussion: Guidelines for practice. *The Open Journal of Occupational Therapy*, 7(2), doi: 10.15453/2168-6408.1550.

Finn, C. (2019). Occupational therapists' perceived confidence in the management of concussion: Implications for occupational therapy education. *Occupational Therapy International*, Article ID 9245153, doi: 10.1155/2019/9245153.

Robert Gallagher, M.B.A., D.C., CSCS, ACSM EP-C, CCSP
Clinical Associate Professor, Occupational Therapy

Karp, P., & Gallagher, R.G. (2019). Student perceptions and grade comparisons after exposure to instructor-made skills videos in a kinesiology course. *Journal of Occupational Therapy Education*, 3(3), 1-16. Retrieved from <https://encompass.eku.edu/jote/vol3/iss3/7/>

Rosemary Gallagher, Ph.D., PT, DPT, GCS
Associate Professor, Physical Therapy

Gallagher, R., Farella-Accurso, M., Johnson, D., Kang, R., Rodriguez, A., Parrot, J. S., & Cohen, E. (2019). Do age and disease stage impact cognition and balance in older adults and persons with Parkinson disease? *Topics in Geriatric Rehabilitation*, 35(3), 224-230 doi: 10.1097/TGR.0000000000000238.

Mark Gugliotti, P.T., D.P.T., O.C.S., C.O.M.T.
Associate Professor, Physical Therapy

Gugliotti, M.J., Jung, M-K., Alves, K., DeLeo, F., Do, V., Hariprashad, A., Makowski, J., & Tau, J. (2019). The effect of real time auditory feedback during palpation of a simulated lumbar spine in the education of physical therapy students. *Journal of Physiotherapy and Rehabilitation*, 3(1), 1-6. doi: 10.4172/jptr.1000115.

Eric Greenberg, PT, DPT, SCS, CSCS
Assistant Professor, Physical Therapy

Greenberg, E.M., Greenberg, E.T., Albaugh, J., Storey, E., Ganley, T.J. (2019). Anterior cruciate ligament reconstruction rehabilitation clinical practice patterns: A survey of the PRISM Society. *Orthopaedic Journal of Sports Medicine*, 7(4), 1-14. doi: 10.1177/2325967119839041.

Greenberg, E.T., Barle, M., Glassmann, E., Jung, M.K (2019). Interrater and test-retest reliability of the Y balance test in healthy, early adolescent female athletes. *International Journal of Sports Physical Therapy*, 14(2), 204-213. doi: 10.26603/ijsp20190204.

Cheryl A. Hall, PT, DHSc, MBA
Assistant Professor, Interim Chairperson

Hall, C.A., Donza, C., McGinn, S., Rimmer, A., Skomial, S., Todd, E., Vaccaro, F. (2019). Health-related quality of life in children with chronic illness compared to parents. *Pediatric Physical Therapy*, 31(4), 315-322. doi:10.1097/pep.0000000000000638.

Ranjbar, N., Kurien, A., Hall, C.A. (2019). Treatment of pediatric overweight and obesity: Assessing the options. *Critical Reviews™ in Oncogenesis*, 24(3), 269-283. doi:10.1615/critrevoncog.2019033037.

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

Pekmezaris, R., Kozikowski, A., Pascarelli, B., Handrakis, J.P., Chory, A., Griffin, D., Bloom, O. (2019). Participant-reported priorities and preferences for developing a home-based physical activity telemonitoring program for persons with tetraplegia: A qualitative analysis. *Spinal Cord Series and Cases*, 1-7. doi: 10.1038/s41394-019-0188-6.

Savitzky, J.A., Abrams, L., Galluzzo, N., Ostrow, S., Protosow, T., Liu, S.A., Handrakis, J.P., Friel, K. (2019). The effects of a novel rotator cuff rehabilitation device on shoulder strength and function. *Journal of Strength and Conditioning Research*, 1-9. doi: 10.1519/JSC.00000000000003347.

Trbovich, M.B., Handrakis, J.P., Kumar, N.S., Price, M.J. (2019). Impact of passive heat stress on persons with spinal cord injury: Implications for Olympic spectators. *Temperature*, 1-15. doi: 10.1080/23328940.2019.1631730.

Mercy Joseph, Ph.D., MSN, ANP-C, RN
Assistant Professor, Nursing

Joseph, M. (2019). Disempowerment of older adults in a natural disaster: A study of Hurricane Sandy (2012). *World Journal of Advance Healthcare Research*, 3(1), 20-26. Retrieved from https://www.wjahr.com/admin/assets/article_issue/11122018/1546423739.pdf

Pamela Karp, Ed.D., OTR/L, CHT
Assistant Professor, Occupational Therapy

Karp, P., & Gallagher, R.G. (2019). Student perceptions and grade comparisons after exposure to instructor-made skills videos in a kinesiology course. *Journal of Occupational Therapy Education*, 3(3), 1-16. Retrieved from <https://encompass.eku.edu/jote/vol3/iss3/7/>

Shinu Kuriakose, D.H.Sc., PA-C
Associate Professor, Physician Assistant Studies

Kuriakose, S. (2019). Global Health: Global Infectious Disease Control Systems. *World Journal of Yoga, Physical Therapy and Rehabilitation*, 1(4), 1-3. Retrieved from <https://irispublishers.com/wjypr/pdf/WJYPR.MS.ID.000517.pdf>

Kuriakose, S. (2019). Telepsychiatry: An Electronic Alternative. *World Journal of Yoga, Physical Therapy and Rehabilitation*, 1(4), 1-7. Retrieved from <https://irispublishers.com/wjypr/pdf/WJYPR.MS.ID.000518.pdf>

Gordon Schmidt, Ph.D., FACSM
Dean and Professor, School of Health Professions

DiFrancisco-Donoghue, J., Balentine, J., Schmidt, G., Zwibel, H. (2019). Managing the health of the eSport athlete: an integrated health management model. *BMJ Open Sport & Exercise Medicine*, 5(1), e000467 doi: 10.1136/bmjsem-2018-000467.

Sharon Shyrrier, DNP, FNP-BC, RN
Assistant Professor, Nursing

Shyrrier, S. (2019). The effectiveness of nurse led patient teaching that promotes outpatient oral anticancer medication adherence in cancer patients 18 years and older. *World Journal of Advance Healthcare Research*, 3(6), 114-118. Retrieved from https://www.wjahr.com/admin/assets/article_issue/16102019/1575548509.pdf

Elizabeth Simon, Ph.D., RN, ANP-BC
Professor, Nursing and Assistant Dean of Clinical Affairs

Simon, E.B., Hodges, I., Schoonover-Shoffner, K. (2019, Epub ahead of print). Experiencing God in nursing. *Journal of Christian Nursing*. doi: 10.1097/CNJ.0000000000000637.

Simon, E.B., & Hwang, I. (2019). Causes of clotting unmasked. *MEDSURG Nursing*, 28(6), 363-373.

Pamela Treister, DNP, CNS, RN, CMSRN, AE-C
Clinical Associate Professor, Nursing

Treister, P. (2019). [Reviewer on the text book] *Nursing health assessment: A best practice guide, 3rd ed.* by Sharon Jensen. Philadelphia, PA.: Wolters Kluwer.

Jessica Varghese, Ph.D.
Assistant Professor, Nursing

Varghese, J. (2019). [Review of the book *The 4 disciplines of execution: Achieving your wildly important goals*, by C. McChesney, S. Covey, & J. Huling]. *Association for Nursing Professional Development (ANPD) Trendlines Journal*, 30(8), 4-5.

II. Presenters at Meetings and Conferences

Tobi A. Abramson, Ph.D.

Adjunct Assistant Professor, Interdisciplinary Health Sciences

Abramson, T.A., & Berman, J. (2019, April). *Initiatives improving mental health recognition and intervention for lay public and professionals*. Workshop presented at the Aging in America annual conference, New Orleans, La.

Abramson, T. A., & Berman, J. (2019, November). *Harnessing the power of networks to address social isolation, loneliness, depression, and elder abuse*. Poster presented at the Gerontological Society of America's annual scientific meeting, Austin, Texas.

Abramson, T.A., & Berman, J., Chen, D., & Frankel, I. (2019, October). *Addressing mental health and social isolation: Innovative approaches*. Workshop presented at the State Society on Aging of New York's annual conference, Saratoga, N.Y.

Abramson, T.A., Berman, J., & Parrish-Chenault, Y. (2019, October). *A three-model approach to combating ageism among high school students*. Workshop presented at the State Society on Aging of New York's annual conference, Saratoga, N.Y.

Abramson, T.A., & Braverman-Schmidt, P. (2019, April). *The power of happiness: Clinical practices to embrace positive emotions and optimize well-being*. Workshop presented at the Aging in America annual conference, New Orleans, La.

Abramson, T.A., Harvey, N., & Thurston, C. (2019, April). *How NYC elders are thriving: A public-private partnership focused on geriatric mental health*. Workshop presented at the Aging in America annual conference, New Orleans, La.

Abramson, T.A., Kelly, K., & Glazebrook, A. (2019, October). *Past, present, future: Through the caregiving lens*. Past President's Symposium. Invited Address presented at the State Society on Aging of New York, Saratoga, N.Y.

Abramson, T.A., Lahey, R., & Markus, M. (2019, April). *Innovative, integrative models of care addressing mental health needs of older adults*. Presenter at the Aging in America annual conference, New Orleans, La.

Abramson, T.A., & Siegel, M. (2019, November). *An interdisciplinary pedagogical approach that harnesses collaborative networks*. Poster presented at the Gerontological Society of America's annual scientific meeting, Austin, Texas.

Donna Darcy, Ed.D.

Clinical Assistant Professor, Nursing

Darcy, D. (2019, March). *Exploring the lived experiences and perceptions of millennial nursing students: Effective use and value of technology on their educational achievement*. Paper presented at the Association for the Advancement of Computing in Education (AACE), Las Vegas, Nev. In K. Graziano (Ed.), *Proceedings of Society for Information Technology & Teacher Education International Conference* (pp. 1771-1778). Retrieved from <https://www.learntechlib.org/p/207884/>

Rosemary Gallagher, Ph.D., PT, DPT, GCS

Associate Professor, Physical Therapy

DiFrancisco-Donoghue, J., Werner, W.G., Krishnamachari, B., Arabian, K., Thomas, E., Granger, D.A., & Gallagher, R. (2019, September). *Serum uric acid levels and cognitive function in Parkinson's Disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/serum-uric-acid-levels-and-cognitive-function-in-parkinsons-disease/>

Gallagher, R., Arabian, K., Parrot, J., & Cohen, E. (2019, January). *Which domains of cognition using the Montreal Cognitive Assessment, are related to balance in people with Parkinson's disease?* Poster presented at the American Physical Therapy Association Combined Sections Meeting, Washington D.C.

Ghaffar, A., Gallagher, R., McLeod, C., & Leder, A. (2019, September). *Procedural memory changes of Parkinson disease patients post participation in boxing*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/procedural-memory-changes-of-parkinsons-disease-patients-post-participation-in-boxing/>

Ghaffar, A., Gallagher, R., Rubin, L., Dharia, S., Ketigian, L., Whalen, J., Scheid, Z., Patel, K., Zhu, J., Michaelides, C., Leder A. (2019, September). *Effect of non-contact boxing on non-motor symptoms in Parkinson's disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/effect-of-non-contact-boxing-on-non-motor-symptoms-in-parkinsons-disease/>

Kamath, K.B., Kodali, V.P., Olenyk, C.E., Roselli, C.M., Ghaffar, A., Gallagher, R., Leder, A.N. (2019, October). *Does a single bout of Rock Steady Boxing improve procedural memory?* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e109 doi: 10.7556/jaoa.2019.128. Awarded first place student poster competition.

Eric Greenberg, PT, DPT, SCS, CSCS
Assistant Professor, Physical Therapy

Greenberg, E.T., Barle, M., Glassmann, E., Jung, M. (2019, January). *Interrater and test-retest reliability of the Y Balance Test in healthy, early adolescent female athletes*. Presentation at the 6th Annual PRISM Society Annual Meeting, Atlanta, Ga.

Mark Gugliotti, P.T., D.P.T., O.C.S., C.O.M.T.
Assistant Professor, Physical Therapy

Gugliotti, M., Karp, P., Werner, W., & Khalique, D. (2019, May-June). *Comparison of postural changes in Esport athletes in gaming and non-gaming chairs. A case series*. Poster presented at the American College of Sports Medicine (ACSM) Annual Meeting, Orlando, Fla.

Mindy Haar, Ph.D., RDN, CDN, FAND
Assistant Dean, Undergraduate Affairs, Chairperson, Interdisciplinary Health Sciences

Haar, M. (2019, May) *Artificial intelligence in healthcare*. Panel moderator at the Cybersecurity Conference, Artificial Intelligence: Fueling the Next Wave of Innovation. NYIT de Seversky Mansion, Old Westbury, N.Y.

Haar, M. (2019, July) *Bridging virtual distance in online health sciences coursework with new technologies*. Presentation at the 3rd International Conference on Education, Innovation and Learning Technologies (ICEILT-3), Badajoz, Spain.

Haar, M. (2019, September) *Increasing sense of community in higher education nutrition courses using technology*. Webinar for the Society of Nutrition Education and Behavior (SNEB) Journal 3 series. Accessed from <https://www.sneb.org/events/2019/09/23/upcoming-webinar/journal-club-3-increasing-sense-of-community-in-higher-education-nutrition-courses-using-technology/>

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

Handrakis, J.P. (2019, January). *The degree of sympathetic interruption predicts core temperature lability and cognitive performance during heat exposure in persons with higher spinal cord injuries*. Platform presentation at the 2019 American Physical Therapy Association (APTA) Combined Sections Meeting in Washington, D.C.

Pamela Karp, Ed.D., OTR/L, CHT
Assistant Professor, Occupational Therapy

Karp, P., Lavin, K., Collins, T. (2019, October). *Exploring preparedness for competency in the role of clinical fieldwork educator*. Presentation at the American Occupational Therapy Association Education Summit, Las Vegas, Nev.

Karp, P., & Piraino, D. (2019, April). *PAMs Bootcamp*. Presentation at the American Occupational Therapy Association National Conference, New Orleans, La.

Mary Francis McGibbon, DNP, FNP
Associate Clinical Professor, Nursing

McGibbon, F. (2019, May). *Understanding and improving patient access to the Never Forget the Heroes: James Zadroga, Ray Pfeifer, and Luis Alvarez permanent authorization of the September 11th victim compensation fund act*. Podium presentation on the Care of the Geriatric Client during a Disaster Event, Yale University, New Haven, Conn.

Lorraine Mongiello, Dr.P.H., RDN, CDE, BC-ADM
Associate Professor, Interdisciplinary Health Sciences

Mongiello, L. (2019, April). *Climate Change Changes Health*. Platform presentation at the Vermont Academy of Nutrition & Dietetics Annual Conference, Burlington, Vt.

Mongiello, L. (2019, October). *The Planetary Health Diet*. Platform presentation at the Association of Schools of Allied Health Professions Annual Conference, Charleston, S.C.

Elizabeth Simon, Ph.D., RN, ANP-BC
Professor, Nursing and Assistant Dean of Clinical Affairs

Simon, E. (2019, August). *Coagulation proteins C&S and cases of cardiac thrombi*. Podium presentation at the World Heart Congress, Vienna, Austria.

Simon, E. (2019, September). *Influence of age, ethnicity, and life span issues in abnormal thrombosis*. Keynote Speaker and Podium presentation at the World Nursing Forum, Vienna, Austria.

Simon, E. (2019, September). *Effects of overseas undergraduate clinical experience and service-learning opportunities*. Podium presentation at the World Nursing Forum, Vienna, Austria.

Simon, E. (2019, October). *Servant leadership: A model of influence for health professions*. Podium presentation at the Association of Allied Health Professions (ASAHP) Annual Conference, Charleston, S.C.

Simon, E. (2019, November). *Leadership effectiveness and professional visibility*. Invited Speaker at the Indian-American Nurses' Association of North Texas (IANANT) Educational Conference, India Cultural and Education Center, Garland, Texas.

Pamela Treister, DNP, CNS, RN, CMSRN, AE-C
Clinical Associate Professor, Nursing

Treister, P. (2019, January 28). *Uncompensated care in the emergency room*. Interview with WNPR and Inside Higher Education Radio Stations *Academic Minute*. Retrieved from <https://academicminute.org/2019/01/pamela-treister-new-york-institute-of-technology-uncompensated-er-care/>

Jessica Varghese, Ph.D.
Assistant Professor, Nursing

Varghese, J. (2019, May). *Understanding the role of telecommuter status, manager leadership style, structural empowerment, and job satisfaction on managed care nurses' level of work engagement*. Poster presented at the American Academy of Ambulatory Care Nursing 44th Annual Conference, Palm Springs, Calif.

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

DiFrancisco-Donoghue, J., Werner, W.G., Krishnamachari, B., Arabian, K., Thomas, E., Granger, D.A., & Gallagher, R. (2019, September). *Serum uric acid levels and cognitive function in Parkinson's Disease*. Abstract presented at the International Congress of Parkinson's Disease and Movement Disorders Congress, Nice, France. *Movement Disorder*, 34 (suppl 2). Retrieved from <https://www.mdsabstracts.org/abstract/serum-uric-acid-levels-and-cognitive-function-in-parkinsons-disease/>

III. Honorees and Awardees

Tobi A. Abramson, Ph.D.

Adjunct Assistant Professor, Interdisciplinary Health Sciences

Experiential Education Award. New York Institute of Technology.

Rosemary Gallagher, Ph.D., PT, DPT, GCS

Associate Professor, Physical Therapy

First place student poster competition. Kamath, K.B., Kodali, V.P., Olenyk, C.E., Roselli, C.M., Ghaffar, A., Gallagher, R., Leder, A.N. (2019, October). *Does a single bout of Rock Steady Boxing improve procedural memory?* Abstract and Poster presented at the Sixty Second Annual American Osteopathic Association (AOA), Student Osteopathic Medical Association (SOMA), & Osteopathic Medical Conference & Exposition (OMED2019), Baltimore, Md. *Journal of the American Osteopathic Association*, 119(12), e109. doi: 10.7556/jaoa.2019.128.

IV. Grant Recipients—Externally Sponsored

Melanie Austin, OTD, MPA, OTR/L

Associate Professor, Occupational Therapy

Austin (PI): NCAA-NYIT Be Empowered Alcohol-Prevention Resources-BEAR CHOICES: An Inter-professional, Cross-disciplinary Student & Student-Athlete Led Alcohol Prevention Project: National Collegiate Athletic Association (NCAA) CHOICES, Sports Science Institute (NCAA-SSI). Project period 9/1/2019—8/31/2022.

Christina Finn, Ed.D, OTR/L

Assistant Professor, Occupational Therapy

Austin (PI): NCAA-NYIT Be Empowered Alcohol-Prevention Resources-BEAR CHOICES: An Inter-professional, Cross-disciplinary Student & Student-Athlete Led Alcohol Prevention Project: National Collegiate Athletic Association (NCAA) CHOICES, Sports Science Institute (NCAA-SSI). Project period 9/1/2019—8/31/2022. Co-Investigator.

Rosemary Gallagher, Ph.D., PT, DPT, GCS

Associate Professor, Physical Therapy

Balagani, K, S. (PI): SaTC: CORE: Small: RUI: Leveraging Movement, Posture, and Anthropometric Contexts to Strengthen the Security of Mobile Biometrics. Project period 10/1/2018-9/30/2021. National Science Foundation. Award No. CNS-1814846. Co-Principal Investigator.

Deutsch, J. (PI): Virtual Cycling (VCYLCE) Increases Exercise Intensity of Persons with Parkinson Disease (PD). Project period 09/01/2019—08/31/2021. Grant No. 1R15AG063348. R15-NIH Research Enhancement Award Program (REAP) for Health Professional Schools and Graduate Schools. Co-Principal Investigator.

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Mindy Haar, Ph.D., RDN, CDN, FAND

Assistant Dean, Undergraduate Affairs, Chairperson, Interdisciplinary Health Sciences

A Living Laboratory for Nutrition Education. Allen Foundation Inc. Project period 6/1/2017-5/31/2020.

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

Associate Professor, Interdisciplinary Health Sciences

A Living Laboratory for Nutrition Education. Allen Foundation Inc. Project period 6/1/2017-5/31/2020.

Veronica Southard, PT, DHSc, GCS

Associate Professor, Physical Therapy

Assessing Gastrointestinal Function and its effect on Bone Mineral Density in Hypermobility Spectrum Disorder and Hypermobility Ehlers-Danlos Syndrome. 01/01/2020—12/31/2021. The Marfan Foundation. Co- Investigator.

V. Grant Recipients— Internally Sponsored

Melanie Austin, OTD, MPA, OTR/L
Associate Professor, Occupational Therapy

Health on the Go! A Motivational Health App: Pilot of Prototype Design for Sleep Health.
Principal Investigator. TLT Grant.

Launch, Empower, Advocate, Prepare (LEAP) towards LGBTQ Youth Psychosocial Access to Occupational Therapy Services.
Co-Principal Investigator. ISRC Grant.

Ellen Greer, Ph.D., OT/L, NCPsyA, LP
Assistant Professor, Occupational Therapy

Launch, Empower, Advocate, Prepare (LEAP) towards LGBTQ Youth Psychosocial Access to Occupational Therapy Services.
Principal Investigator. ISRC Grant.

Alexander Lopez, J.D., OT/L, FAOTA
Associate Professor and Chairperson, Occupational Therapy

Developing a Machine Learning Approach to Investigate the Brain Connectivity in Autistic Children and the Effect of Six Weeks Physical and Cognitive Therapy.
Co-Principal Investigator. ISRC Grant.

Gordon Schmidt, Ph.D., FACSM
Dean and Professor, School of Health Professions

Health on the Go! A Motivational Health App: Pilot of Prototype Design for Sleep Health.
Co-Principal Investigator. TLT Grant.

Veronica Southard, PT, DHSc, GCS
Associate Professor, Physical Therapy

What are the Best Outcome Measures for Persons with Hypermobility Ehler-Danlos Syndrome?
Principal Investigator. ISRC Grant.

SCHOOL OF MANAGEMENT

School of Management

I. Authors

Joshua E. Bienstock, J.D., L.L.M.
Assistant Professor, Law

Bienstock, J.E. (2019). Campus conflict resolution: The time has come for mandatory mediation. *Journal of Business and Behavioral Sciences*, 31(1), 36-47. Retrieved from http://www.asbbs.org/files/2019/JBBS_31.1_Spring_2019.pdf

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Seaman, C., Bienstock, J.E., Kalla, J., LaPerla, J.T., Schwartz, E., & Brown, A.L. (2019). The impact on leadership styles on effectively managing difficult employees in a small business. *European Journal of Management*, 19(1), 85-95. doi: 10.18374/EJM-19-1.5.

Anne L. Brown, J.D.
Adjunct Assistant Professor, Human Resource Studies

Bienstock, J.E., Brown, A.L., Seaman, C., LaPerla, J., Schwartz, E. (2019). The challenges of international student retention in the U.S. University: It's a matter of persistence. *Journal of International Business and Economics*, 19(2), 11-20. doi: 10.18374/JIBE-19-2.2

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Sinan Caykoylu, Ph.D.

Associate Professor and Associate Dean, Management

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Dilling, P. & Caykoylu, S. (2019). Determinants of companies that disclose high-quality integrated reports. *Sustainability*, 11(13), 3744, doi: 10.3390/su11133744.

Deborah Y. Cohn, Ph.D.

Professor and Associate Dean, Marketing

Cohn, D. Y. (2019, January 16). Many painful returns: Coping with crummy gifts. *The Conversation*. Retrieved from <https://theconversation.com/many-painful-returns-coping-with-crummy-gifts-109750>.

Cohn, D.Y. (Executive Producer), Rebecchi, J. (Producer), Lamonier, P. (Producer), Compton, J. (Producer), Teleisha, K. (Producer), & Chandaragga P. (Producer). (2019), In Reality: Lessons from Leaders and Entrepreneurs. *New York Institute of Technology's School of Management Professional Enrichment Program Podcast Series*. Podcast retrieved from https://www.nyit.edu/management/in_reality_lessons_from_leaders_and_entrepreneurs

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Majid Makinejad Davoodi, Ph.D.

Assistant Professor, Operations Management, NYIT-Vancouver

Davoodi, M.M., & Ghaeli, R. (2020, epub November 28, 2019). End of life management in new product development. *Management Science Letters*, 10(6), 1187-1190. doi: 10.5267/j.msl.2019.11.041.

Petra F.A. Dilling, Ph.D.

Associate Professor, Accounting, NYIT-Vancouver

Dilling, P. & Caykoylu, S. (2019). Determinants of companies that disclose high-quality integrated reports. *Sustainability*, 11(13), 3744, doi: 10.3390/su11133744.

Peter Harris, MBA, CFA, CPA, CMA, CIA, AICPA/CFF, AICPA/CVA, CFE, FCPA, EA, CLU, ChFC, CRIS, CCIFP

Professor, Accounting

Ananthanarayanan, U., & Harris, P. (2019). Audit committees' role in internal auditing and risk management. *Internal Auditing*, 34(6), 24-28.

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Khoo, B., & Harris, P. (2019). Auditing internal controls of enterprise information systems. *Internal Auditing*, 34(1). 30-36.

Xueting Jiang, Ph.D.

Assistant Professor, Management

Jiang, X., Xu, S., Houghton, J.D., Manz, C.C. (2019). Shades of grey in implicit effective leadership: Searching for clarity in the midst of paradox. *Leadership*, 15(6), 673-695. doi: 10.1177/1742715019827405.

Colleen P. Kirk, DPS.

Associate Professor, Marketing

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John LaPerla, M.B.A.

Adjunct Instructor, Management

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Frank T. Lorne, Ph.D.

Professor, Economics, NYIT-Vancouver

Adegboye, G., Lai, L.W.C., & Lorne, F.T. (2019). Digitizing refugee camps: Promotion of mobile communication for charter governance. *Journal of Strategic Innovation and Sustainability*, 14(3), 11-24. Retrieved from <https://www.articlegateway.com/index.php/JSIS/article/view/2102/1996>

Lai, L.W.C., & Lorne, F.T. (2019). Sustainable urban renewal and built heritage conservation in a global real estate revolution. *Sustainability*, 11, 850. doi: 10.3390/su11030850.

Purushottam L. Meena, Ph.D.

Associate Professor, Operations Management

Jena, S., & Meena, P.L. (2019). Price and service competition in a tourism supply chain. *Service Science*, 11(4), 279–291. doi: 10.1287/serv.2019.0240.

Rakesh Mittal, Ph.D.

Associate Professor, Human Resource Management

Birasnav, M., Mittal, R., & Dalpati, A. (2019). Integrating theories of strategic leadership, social exchange, and structural capital in the context of buyer-supplier relationship: An empirical study. *Global Journal of Flexible Systems Management*, 20(3), 219-236. Accessed from <https://link.springer.com/article/10.1007/s40171-019-00211-y>

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Birasnav Muthuraj, Ph.D.

Assistant Professor, Operations Management

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Radoslaw Nowak, Ph.D.

Assistant Professor, Management

Nowak R. (2019). Developing serving culture: focus on workplace empowerment. *Employee Relations: The International Journal*, 41(6), 1312-1329.

Nowak R. (2019). Responding to key exogenous changes: The joint effect of network heterogeneity and culture of innovation. *International Journal of Innovation Management*, 23(4), 1-27. doi: 10.1142/S1363919619500300.

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Cristina Seaman, D.M.

Adjunct Associate Professor, Management

Bienstock, J.E., Brown, A.L., Seaman, C., LaPerla, J., Schwartz, E. (2019). The challenges of international student retention in the U.S. University: It's a matter of persistence. *Journal of International Business and Economics*, 19(2), 11-20, doi: 10.18374/JIBE-19-2.2

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Eleanor A. Schwartz, M.B.A.

Adjunct Instructor, Marketing, Management, Interdisciplinary Studies

Bienstock, J.E., Brown, A.L., Seaman, C., LaPerla, J., Schwartz, E. (2019). The challenges of international student retention in the U.S. University: It's a matter of persistence. *Journal of International Business and Economics*, 19(2), 11-20, doi: 10.18374/JIBE-19-2.2

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Shaya Sheikh, Ph.D.

Assistant Professor, Operations Management

Sheikh, S., Kayvanfar, V., Gharib, I., Bigdeli, S. (2019). Identification of dominant customer behavior patterns among different sectors over time: A case study. *Proceedings of the International Conference on Industrial Engineering and Operations Management Toronto, Canada, October 23-25, 2019*. Retrieved from <http://ieomsociety.org/toronto2019/papers/200.pdf>

Sheikh, S., Komaki, G.M., Kayvanfar, V., Teymourian, E. (2019). Multi-stage assembly flow shop with setup time and release time. *Operations Research Perspectives*, 6, 100111, 1-36. doi: 10.1016/j.orp.2019.100111.

Janet Walsh, M.B.A., D.B.A.

Adjunct Professor, Management

Walsh, J. (2019). Success characteristics of market entry in Cuban tourism. In Kelly, M., Moreno, E., & Witmer II, R. (Eds.), *The Cuba-U.S. Bilateral Relationship: New pathways and policy choice*, (pp. 155-175). New York City: Oxford University Press.

Walsh, J.L., Persky, L.R., Pinnock, K. (2019). The effect of high performing bullying behavior on organizational performance: A bullying management dilemma. *Global Journal of Business Research*, 13(1), 71-81. Retrieved from https://www.theibfr.com/download/gjbr/2019_gjbr/gjbr_v13n1_2019/GJBR-V13N1-2019-5.pdf

II. Presenters at Meetings and Conferences

Joshua E. Bienstock, J.D., L.L.M.

Assistant Professor, Law

Bienstock, J. (2019, March). *Applying interest-based problem solving to the U.S. University complaint process: Preempting avoidable student-university litigation*. Paper presented at the Twenty-Sixth Annual American Society of Business and Behavioral Sciences Conference, Las Vegas, Nev.

Bienstock, J., Brown, A., Seaman, C., LaPerla, J., Schwartz, E., & Baez, S. (2019, December). *Flexible workplace arrangements in the U.S.: Is the cure worse than the disease?* Paper presented at the International Academy of Business and Economics Conference, Houston, Texas. www.iabe.org

Bienstock, J.E., Brown, A., Seaman, C., LaPerla, J., Schwartz, E. (2019, June). *The challenges of international student retention in the U.S. University: It's a matter of persistence*. Paper presented at the American Society of Business and Behavioral Sciences, Summer Conference, Los Angeles, Calif. *Journal of International Business and Economics*, 19(2), 11-20. doi: 10.18374/JIBE-19-2.2

Birasnav, M., & Bienstock, J. (2019, May). *Antecedents and outcomes of implementing environmental management practices in American hotels: A literature Review*. Paper presented at the 30th Production and Operations Management Society Annual Conference, Washington, D.C. <https://pomsmeetings.org/conf-2019/>

Bienstock, J., Seaman, C., LaPerla, J., Brown, A., Schwartz, E. (2019, December). *The role of higher education on developing practices to support student career success: A practical framework*. Paper presented at the Indian Institute of Technology Glogift Conference, Roorkee, India.

Seaman, C., Bienstock, J., LaPerla, J., Schwartz, E., & Brown, A. (2019, March). *The impact on leadership styles on effectively managing difficult employees in a small business*. Paper presented at the American Society of Business and Behavioral Sciences, Spring Conference, West Palm Beach, Fla.

Anne L. Brown, J.D.

Adjunct Assistant Professor, Human Resource Studies

Bienstock, J.E., Brown, A., Seaman, C., LaPerla, J., Schwartz, E. (2019, June). *The challenges of international student retention in the U.S. University: It's a matter of persistence*. Paper presented at the American Society of Business and Behavioral Sciences, Summer Conference, Los Angeles, Calif. *Journal of International Business and Economics*, 19(2), 11-20. doi: 10.18374/JIBE-19-2.2

Bienstock, J., Brown, A., Seaman, C., LaPerla, J., Schwartz, E., & Baez, S. (2019, December). *Flexible workplace arrangements in the U.S.: Is the cure worse than the disease?* Paper presented at the International Academy of Business and Economics Conference, Houston, Texas. www.iabe.org

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Deborah Y. Cohn, Ph.D.
Professor and Associate Dean, Marketing

Cohn, D. Y., & Muthuraj, B. (2019, April). *Enhancing student satisfaction with the utilization of an innovative professional enrichment program.* Paper presented at the 43rd Annual Marketing Educators' Association Annual Conference, Phoenix, Ariz.

Majid Makinejad Davoodi, Ph.D.
Assistant Professor, Operations Management, NYIT-Vancouver

Davoodi, M.M. (2019, October). *Sustainability in New Product Development (NPD).* Paper presented at the Pathways to Well-being, Sustainability, and Growth in Individuals, Organizations and Communities (PDGIA 2019), Vancouver, Canada. <https://pdgia.ca/>

Petra F.A. Dilling, Ph.D.
Associate Professor, Accounting, NYIT-Vancouver

Dilling, P. (2019, October 16-18). *Value Creation Models and the Six Capitals.* Presentation at the Sustainability: Transdisciplinary Theory, Practice, and Action STTP conference, University of Toronto Mississauga.

Peter Harris, MBA, CFA, CPA, CMA, CIA, AICPA/CFF, AICPA/CVA, CFE, FCPA, EA, CLU, ChFC, CRIS, CCIFP
Professor, Accounting

Ananthanarayanan, U., Harris P., & Shapiro, S. (2019, May). *The Impact of New Lease Standards Under USGAAP and IFRS on the Financial Ratios.* Paper presented at Institute of Business and Finance Conference, San Jose, Costa Rica.

Harris, P. (2019, January). *The effects of the tax cuts job creation act (TCJA) on corporate valuation.* Paper presented at the E-Leader Chinese American Scholars Association, Tokyo, Japan.

Harris, P., & Shapiro, S. (2019, January). *Financial and Economic Testimony in Divorce Cases.* Paper presented at the Institute of Business and Finance Conference, Las Vegas, Nev.

Harris, P. (2019, May). *A case study of the new lease rules on IFRS and US GAAP*. The Institute of Business and Finance, San Jose, Costa Rica.

Harris, P. (2019, June). *The financial effects of the new lease rules*. Paper presented at the Chinese American Scholars Association, Tokyo, Japan.

Harris, P. (2019, June). *The effects of the tax cuts jobs creation act (JCTA) on corporate valuation*. Paper presented at the Chinese American Scholars Association, Brno, Czech Republic.

Nataliya, N., Harris, P., Shapiro, S. (2019, June). *The effect of the new lease rules on financial ratios*. The Bloomberg Quantitative Seminar Series, Bloomberg, New York City.

Harris, P. (2019, June). *The financial effects of the new lease rules*. Paper presented at the E-Leader Chinese American Scholars Association, Fort Lee, N.J.

Harris, P. (2019, December). *A case study of the new accounting lease rules*. Paper presented and Conference Chair at the Atiner Conference, Athens, Greece.

Xueting Jiang, Ph.D.

Assistant Professor, Management

Jiang, X., Prokopovych, B., & DiStefano, G. (2019, November). *Leveraging a lenient category in practicing responsible leadership*. Paper presented at the 16th Annual Social Entrepreneurship Conference, Indiana University, Bloomington, Ind.

Colleen P. Kirk, DPS.

Associate Professor, Marketing

Kirk, C.P. (2019, October). *I'm proud but I'm not playing: When social media cues undermine charitable giving*. Poster presented at the Association for Consumer Research Conference, Atlanta, Ga. In Bagchi, R., Block, L., & Lee, L. (Eds.). *NA —Advances in Consumer Research*. Duluth, Minn: Association for Consumer Research.

Kirk, C.P., Peck, J., Hart, C., & Sedikides, C. (2019, October). *It's not chance, it's me! Serendipity motivates psychological ownership and word-of-mouth in narcissistic consumers*. Platform presentation at the Association for Consumer Research Conference, Atlanta, Ga. In Bagchi, R., Block, L., & Lee, L. (Eds.). *NA —Advances in Consumer Research*. Duluth, Minn: Association for Consumer Research.

Peck, J., Kirk, C. P., Luangrath, A., & Shu S. (2019, May). *Uncommonly mine: Feelings of ownership promote stewardship of public goods*. Platform presentation at the Association for Psychological Science Annual Convention, Washington, D.C.

Reynolds-McIlray R, & Kirk C.P. (2019, May). *Frontline employee territoriality of in-store product displays*. Platform presentation at the Association for Psychological Science Annual Convention, Washington, D.C.

Rifkin, L., Kirk, C.P., & Corus, C. (2019, February). *Reciprocal reputation systems and simultaneous reveal: Dealing with complexities when the consumers get reviewed*. Poster presented at the American Marketing Association Winter Academic Conference, Austin, Texas.

Rifkin, L., Kirk, C.P., & Corus, C. (2019, October). *Who is watching me? Consequences of reciprocal reviewing to the firm*. Poster presented at the Association for Consumer Research Conference, Atlanta, Ga. In Bagchi, R., Block, L., & Lee, L. (Eds.). *NA —Advances in Consumer Research*. Duluth, Minn: Association for Consumer Research.

John LaPerla, M.B.A.
Adjunct Instructor, Management

Bienstock, J.E., Brown, A., Seaman, C., LaPerla, J., Schwartz, E. (2019, June). *The challenges of international student retention in the U.S. University: It's a matter of persistence*. Paper presented at the American Society of Business and Behavioral Sciences, Summer Conference, Los Angeles, Calif. *Journal of International Business and Economics*, 19(2), 11-20. doi: 10.18374/JIBE-19-2.2

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Purushottam L. Meena, Ph.D.
Associate Professor, Operations Management

Dahane, M., Sahnoun, M., Meena, P.L., Souier, M., & Kim, T. (2019, August). *End-of-life management: models, techniques and applications*. Paper presented at the 9th International Federation of Automatic Control (IFAC) Conference on Manufacturing Modelling, Management and Control (MIM 2019), Berlin, Germany. [Invited Special Track] <https://blog.hwr-berlin.de/mim2019/invited-sessions/>

DiFrancisco, R., Meena, P.L., & Tibrewal, R. (2019, May). *Buyback and risk sharing contracts to mitigate the supply and demand disruption risk*. Paper presented at the 30th Production and Operations (POMS) Annual Conference, Washington D.C. <https://pomsmeetings.org/conf-2019/>

Meena, P.L., Sheikh, S. & Kumar, G. (2019, May). *Multi-period sourcing decision under disruption risks and carbon emission*. Paper presented at the 30th Production and Operations (POMS) Annual Conference, Washington D.C. <https://pomsmeetings.org/conf-2019/>

Birasnav Muthuraj, Ph.D.

Assistant Professor, Operations Management

Birasnav, M., & Bienstock, J. (2019, May). *Antecedents and outcomes of implementing environmental management practices in American hotels: A literature Review*. Paper presented at the 30th Production and Operations Management Society Annual Conference, Washington, D.C. <https://pomsmeetings.org/conf-2019/>

Cohn, D. Y., & Muthuraj, B. (2019, April). *Enhancing student satisfaction with the utilization of an innovative professional enrichment program*. Paper presented at the 43rd Annual Marketing Educators' Association Annual Conference, Phoenix, Ariz.

Cristina Seaman, D.M.

Adjunct Associate Professor, Management

Bienstock, J., Brown, A., Seaman, C., LaPerla, J., Schwartz, E., & Baez, S. (2019, December). *Flexible workplace arrangements in the U.S.: Is the cure worse than the disease?* Paper presented at the International Academy of Business and Economics Conference, Houston, Texas. www.iabe.org

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Eleanor A. Schwartz, M.B.A.

Adjunct Instructor, Marketing, Management, Interdisciplinary Studies

Bienstock, J., Brown, A., Seaman, C., LaPerla, J., Schwartz, E., & Baez, S. (2019, December). *Flexible workplace arrangements in the U.S.: Is the cure worse than the disease?* Paper presented at the International Academy of Business and Economics Conference, Houston, Texas. www.iabe.org

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Shaya Sheikh, Ph.D.

Assistant Professor, Operations Management

Meena, P., Sheikh, S. (2019, May). *Multi-period sourcing decision under disruption risks and carbon emission*. Paper presented at the POMS 30th Annual Meeting, Washington D.C. <https://pomsmeetings.org/>

Rabiee, M., Sheikh, S. (2019, May). *Data-driven predictive model for residential building energy optimization*. Paper presented at the POMS 30th Annual Meeting, Washington D.C. <https://pomsmeetings.org>

Sheikh, S., Kayvanfar, V., Gharib, I., Bigdeli, S. (2019, October). *Identification of dominant customer behavior patterns among different sectors over time: A case study*. Paper presented at the 4th North American International Conference on Industrial Engineering and Operations Management (IEOM), Toronto, Canada. In *Proceedings of the International Conference on Industrial Engineering and Operations Management Toronto, Canada, October 23-25, 2019*. Retrieved from <http://ieomsociety.org/toronto2019/papers/200.pdf>

Sheikh, S., Komaki, M. (2019, May). *Multi-stage assembly flow shop with setup and release time*. Paper presented at the POMS 30th Annual Meeting, Washington D.C. <https://pomsmeetings.org>

Rajendra Tibrewala, Eng.Sc.D.

Professor, Operations Management and Chairperson, Management and Marketing

DiFrancisco, R., Meena, P.L., & Tibrewal, R. (2019, May). *Buyback and risk sharing contracts to mitigate the supply and demand disruption risk*. Paper presented at the 30th Production and Operations (POMS) Annual Conference, Washington D.C. <https://pomsmeetings.org/conf-2019/>

Janet Walsh, M.B.A., D.B.A.

Adjunct Professor, Management

Walsh, J.L., Persky, L.R., Pinnock, K. (2019, January). *The effect of high performing bullying behavior on organizational performance: A bullying management dilemma*. Paper presented at the Global Conference on Business and Finance, Las Vegas, Nev. *Global Journal of Business Research*, 13(1), 71-81. Retrieved from https://www.theibfr.com/download/gjbr/2019_gjbr/gjbr_v13n1_2019/GJBR-V13N1-2019-5.pdf. Awarded Outstanding Research and Best in Session Award.

III. Honorees and Awardees

Deborah Y. Cohn, Ph.D.

Professor and Associate Dean, Marketing

Editorial Review Board Member, Journal of Business Research.

ISSN: 0148-2963. <https://www.journals.elsevier.com/journal-of-business-research/editorial-board>

Distinguished Faculty Service Award, NYIT School of Management

Peter Harris, MBA, CFA, CPA, CMA, CIA, AICPA/CFF, AICPA/CVA, CFE, FCPA, EA, CLU, ChFC, CRIS, CCIFP

Professor, Accounting

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, Chinese American Scholars Association (CASA).

ISSN: 1935-4819; <http://www.g-casa.com/journal.htm>

Outstanding Research Award, Harris P. (2019, May). *The Impact of New Lease Standards Under US GAAP and IFRS on the Financial Ratios*. Paper presented at the Institute of Business and Finance Conference, San Jose, Costa Rica.

Reviewer for Refereed Journals, African Journal of Business Management.

ISSN: 1993-8233. Doi: 10.5897/AJBM.

Reviewer for Refereed Journals, Institute of Business and Finance Institute.

ISSN: 1931-0269 (print), ISSN: 2157-0698 (online).

Ravichandran Krishnamoorthy, Ph.D., NYIT-Abu Dhabi

Director of Experiential Learning, Associate Professor

Champion Award for Sustainable ICT model for Educational Institutions of the Arpuda App Private Limited, category of e-Learning. 2019 World Summit on the Information Society (WSIS) Forum, Geneva, Switzerland.

Champion Award for Women Power—A Sustainable Rural Development Initiative of the Women Power International Foundation. 2019 World Summit on the Information Society (WSIS) Forum, Geneva, Switzerland. WSIS Forum Interview at <https://youtu.be/Y86hXCLAzCU>

Purushottam L. Meena, Ph.D.
Associate Professor, Operations Management

Associate Editor, IIM Kozhikode Society & Management Review, Sage Publications.
<https://us.sagepub.com/en-us/nam/journal/iim-kozhikode-society-management-review#editorial-board>

Editorial Advisory Board Member, Higher Education and the Evolution of Management, Applied Sciences, and Engineering Curricula; ISBN13: 9781522572596. <https://www.igi-global.com/book/higher-education-evolution-management-applied/205237>

Editorial Board Member, International Journal of Supply Chain and Inventory Management. ISSN print: 2054-099X. <https://www.inderscience.com/jhome.php?jcode=ijscim#edboard-content>

Editorial Board Member, International Journal of Complexity in Applied Science and Technology. ISSN print: 1740-0546.
<https://www.inderscience.com/jhome.php?jcode=ijcast#edboard-content>

Editorial Board Member, Latin American Journal of Management for Sustainable Development. ISSN print: 2052-0336.
<https://www.inderscience.com/jhome.php?jcode=lajmsd#edboard-content>

Editorial Board Member, Asian Journal of Management Science and Applications. ISSN print: 2049-8683. <https://www.inderscience.com/jhome.php?jcode=ajmsa#edboard-content>

Editorial Board Member, International Journal of Collaborative Intelligence. ISSN print: 2051-7122. <https://www.inderscience.com/jhome.php?jcode=ijci#edboard-content>

Editorial Board Member, EuroMed Journal of Management. ISSN print: 2055-1703.
<https://www.inderscience.com/jhome.php?jcode=emjm#edboard-content>

Editorial Review Board, International Journal of Applied Management Sciences and Engineering. ISSN: 2327-7483. <https://www.igi-global.com/journal/international-journal-applied-managementsciences/68203>

Editorial Board Member, International Journal of Remanufacturing. ISSN print: 1758-7964.
<https://www.inderscience.com/jhome.php?jcode=ijrem#edboard-content>

Editorial Board Member, International Journal of Automation Logistics. ISSN print: 2049-6745. <https://www.inderscience.com/jhome.php?jcode=ijal#edboard-content>

Janet Walsh, M.B.A., D.B.A.
Adjunct Professor, Management

Best in Session Award. Walsh, J.L., Persky, L.R., Pinnock, K. (2019, January). *The effect of high performing bullying behavior on organizational performance: A bullying management dilemma.* Paper presented at the Global Conference on Business and Finance, Las Vegas, Nev. *Global Journal of Business Research*, 13(1), 71-81. Retrieved from https://www.theibfr.com/download/gjbr/2019_gjbr/gjbr_v13n1_2019/GJBR-V13N1-2019-5.pdf.

Chair of Ethics and Governance, The Explorers Club Board of Directors, January 2019.
https://explorers.org/about/contact/explorers_club_committees

Corporate Educational Advisory Board, Manhattanville College, Harrison, New York, March 2019.

Editorial Advisory Board Member, International Journal of Management and Marketing. ISSN: 1933-3153 print & 2157-0205 online. <https://www.theibfr.com/ijmmr/>

Global Leadership Award, Global Conference on Business and Finance, Las Vegas, Nev. January 2019.

Judge at the Association for Corporate Growth (ACG) Cup Competition. February 2019.
<https://www.acgcares.org/general-information/>

Outstanding Research Award. Walsh, J.L., Persky, L.R., Pinnock, K. (2019, January). *The effect of high performing bullying behavior on organizational performance: A bullying management dilemma.* Paper presented at the Global Conference on Business and Finance, Las Vegas, Nev. *Global Journal of Business Research*, 13(1), 71-81. Retrieved from https://www.theibfr.com/download/gjbr/2019_gjbr/gjbr_v13n1_2019/GJBR-V13N1-2019-5.pdf.

IV. Grant Recipients—Externally Sponsored

Deborah Y. Cohn, Ph.D.
Professor and Associate Dean, Marketing
Joshua E. Bienstock, J.D., L.L.M.
Assistant Professor, Law

A Cross Country Comparison of Digital Social Media in The Workplace: Israel and the US.
Mallah Family Foundation Inc.

A Four-Country Comparison of Digital Social Media in the Workplace.
Albert and Pearl Ginsberg Foundation Inc.

Joshua E. Bienstock, J.D., L.L.M.
Assistant Professor, Law
James Murdy, M.A., Ph.D.
Associate Professor, Hospitality Management

Managing Employee Speech on Social Media to Protect Reputation and Brand and the Legal Constraints Established by the NLRB: Strategic Planning. Project period 04/01/2019—3/31/2021.
Mallah Family Foundation.

Rakesh Mittal, Ph.D.
Associate Professor, Human Resource Management
Joshua E. Bienstock, J.D., L.L.M.
Assistant Professor, Law

Cross-Cultural Impression Management in Diverse Teams.
Mallah Family Foundation Inc.

Birasnav Muthuraj, Ph.D.
Assistant Professor, Operations Management
Joshua E. Bienstock, J.D., L.L.M.
Assistant Professor, Law

Enhancing Environmental Performance in the American Hotel Industry: Role of Supply Chain Management and Total Quality Management. Mallah Family Foundation Inc.

V. Grant Recipients—Internally Sponsored

Deborah Y. Cohn, Ph.D.

Professor and Associate Dean, Marketing

Professional Enrichment Program of NYIT School of Management: Mobile App Technology Integration to Enhance Teaching and Learning.
Principal Investigator. TLT Grant.

Colleen P. Kirk, Ph.D.

Associate Professor, Marketing

My, Mine and Me: Admiration, Rivalry and Psychological Ownership in Narcissistic Consumers.
Principal Investigator. ISRC Grant.

It May Be Legitimate, But I Am Still Not Moved: Psychological Ownership Legitimacy, Narcissism, and Consumers' Emotional Responses to Marketing Communications.
Principal Investigator. ISRC Grant.

Purushottam L. Meena, Ph.D.

Associate Professor, Operations Management

Supply Chain Design under Disruptions Risks and Carbon Emissions.
Principal Investigator. ISRC Grant.

Birasnav Muthuraj, Ph.D.

Assistant Professor, Operations Management

Professional Enrichment Program of NYIT School of Management: Mobile App Technology Integration to Enhance Teaching and Learning.
Co-Principal Investigator. TLT Grant.

Shaya Sheikh, Ph.D.

Assistant Professor, Operations Management

Supply Chain Design under Disruptions Risks and Carbon Emissions.
Co-Principal Investigator. ISC Grant.

ADMINISTRATION

Administration

I. Authors

Patthara Chandaragga, M.A.

Student Advisement Specialist, School of Management

Cohn, D.Y. (Executive Producer), Rebecchi, J. (Producer), Lamonier, P. (Producer), Compton, J. (Producer), Teleisha, K. (Producer), & Chandaragga P. (Producer). (2019), In Reality: Lessons from Leaders and Entrepreneurs. *New York Institute of Technology's School of Management Professional Enrichment Program Podcast Series*. Podcast retrieved from https://www.nyit.edu/management/in_reality_lessons_from_leaders_and_entrepreneurs

Lou Reinisch, Ph.D.

Associate Provost, Academic Affairs

Reinisch L., & Garrett C.G. (2019). Laryngeal temperature simulations during carbon dioxide laser irradiation delivered by a scanning micromanipulator. *Lasers in Medical Science*, 34, 1011-1017. doi: 10.1007/s10103-018-2691-6.

Konstance Teleisha, M.A.

Senior Specialist, Graduate Programs, School of Management

Cohn, D.Y. (Executive Producer), Rebecchi, J. (Producer), Lamonier, P. (Producer), Compton, J. (Producer), Teleisha, K. (Producer), & Chandaragga P. (Producer). (2019), In Reality: Lessons from Leaders and Entrepreneurs. *New York Institute of Technology's School of Management Professional Enrichment Program Podcast Series*. Podcast retrieved from https://www.nyit.edu/management/in_reality_lessons_from_leaders_and_entrepreneurs

II. Presenters at Meeting and Conferences

Amy Bravo, M.A.

Senior Director, International and Experiential Education

Nauheim, T., Hosenfeld, M., DeMonte, P., McNally, A., & Bravo, A. (2019, November). *Ready for Takeoff- Strategies for Reforming Academic Models to Support Community Partnership*. Podium presentation at the Association of American Colleges and Universities Transforming STEM Higher Education (AAC&U), Chicago, Ill.
<https://www.aacu.org/sites/default/files/files/stem19/2019%20AACU%20STEM%20Program%20-%20Final.pdf>

Francine S. Glazer, Ph.D.

Associate Provost, Educational Innovation and Director of the Center for Teaching and Learning

Torosian, R., Glazer, F.S., Pingree, A. (2019, November). When I know but don't change: Deep work and mindfulness. Podium presentation at the 44th Annual Professional and Organizational Development (POD) Network in Higher Education conference, Pittsburgh, Pa.

Adrienne McNally, M.S.

Director of Experiential Education, International & Experiential Education

Nauheim, T., Hosenfeld, M., DeMonte, P., McNally, A., & Bravo, A. (2019, November). *Ready for Takeoff- Strategies for Reforming Academic Models to Support Community Partnership*. Podium presentation at the Association of American Colleges and Universities Transforming STEM Higher Education (AAC&U), Chicago, Ill.
<https://www.aacu.org/sites/default/files/files/stem19/2019%20AACU%20STEM%20Program%20-%20Final.pdf>

III. Honorees and Awardees

Francine S. Glazer, Ph.D.

Associate Provost, Educational Innovation and Director of the Center for Teaching and Learning

President elect of the Professional and Organizational Development (POD) Network in Higher Education, November 2019.

IV. Grant Recipients—Externally Sponsored

Nada M. Anid, Ph.D.

Vice President, Strategic Communications and External Affairs

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

INFEWS/T3 RCN: City-as-Lab: A Research Coordination Network for the Study of the Food, Energy, and Water Nexus for Sustainable and Resilient Urban Development. Project period: 07/15/2019—06/30/2024. National Science Foundation. Award No. 1856032. Senior Advisor.

NYIT Start Up NY Cybersecurity Research, Training and Business Facility. Empire State Development, New York State Consolidated Funding Application; CFA No. 56869, Project No. AA407. Project period: 1/26/2016-1/1/2020.

NYIT Business Incubator. New York State Business Incubator and Innovation Hot Spot Support Program, NYS Consolidated Funding Application No. 68146. Project period: 4/1/2017-3/31/2022.

Research and Technology Innovation Bioengineering Laboratory. 2/1/2018-1/31/2020. Empire State Development. New York State Consolidated Funding Application No. 74998. Principal Investigator.

Rosemary Burgos-Mira, M.L.I.S., M.S.

Director, Public and Technical Services

Coordinated Collection Development Aid for 2018-2019.
New York State Education Department/Long Island Library Resources Council.

Coordinated Collection Development Aid for 2019-2020.
New York State Education Department/Long Island Library Resources Council.

Felicia Bruno, M.A.

Assistant Dean of Student Administration

NYITCOM Science and Technology Entry Program (STEP) 2015-2020. New York State Education Department. 07/01/2015—06/30/2020. Grant No. C402611.

Phillip Menzies, M.S.Ed.

Director, HEOP

NYIT Arthur O. Eve Higher Education Opportunity Program (HEOP). New York State Education Department. Project period 07/01/2019—06/30/2024.

Marta A. Panero, Ph.D.

Executive Director, External Affairs, Strategic Communications and External Affairs

Belmont Forum Food-Water-Energy Nexus: Integrated analysis and modeling for the management of sustainable urban Food Water Energy Resources. Project period: 7/1/2018-6/30/2021. National Science Foundation. Award No. 1830718. Co-Principal Investigator (2018-19); Advisor (2020-21).

INFEWS/T3 RCN: City-as-Lab: A Research Coordination Network for the Study of the Food, Energy, and Water Nexus for Sustainable and Resilient Urban Development. Project period: 07/15/2019—06/30/2024. National Science Foundation. Award No. 1856032. Advisor.

Strengthening the Cisco Technology Talent Pipeline. 03/01/2019-11/30/2020. Cisco. Award No. 2019-199014. Principal Investigator.

(Cavanagh) Workstream #2: Adult Education/Workforce Development. New York City Economic Development Corporation. Request for Expressions of Interest: Workforce Development Planning, 21st Century Jobs. 07/01/2019—11/15/2019. Project Coordinator.

Daniel Velez, M.S.

Director of Intercollegiate Athletics

Austin (PI): NCAA-NYIT Be Empowered Alcohol-Prevention Resources-BEAR CHOICES: An Inter-professional, Cross-disciplinary Student & Student-Athlete Led Alcohol Prevention Project: National Collegiate Athletic Association (NCAA) CHOICES, Sports Science Institute (NCAA-SSI). Project period 9/1/2019—8/31/2022. Co-Investigator.

V. Grant Recipients—Internally Sponsored

Amy Bravo, M.A.

Senior Director, International and Experiential Education

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

Co-Principal Investigator. ISRC Grant.

Diana Moronta, M.S.L.I.S.

Librarian, Instruction/Technology Service

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

Co-Principal Investigator. ISRC Grant.

Eduardo Rivera Jr., M.S.L.I.S.

Librarian II, Wisser Library

Computational Thinking for All: Transdisciplinary Approach.

Co-Principal Investigator. TLT Grant.

VOCATIONAL INDEPENDENCE PROGRAM

Vocational Independence Program

I. Grant Recipients- Externally Sponsored

Paul Cavanagh, Ph.D., M.S.W.

Senior Director, Vocational Independence Program

Workstream #2: Adult Education/Workforce Development. New York City Economic Development Corporation. Request for Expressions of Interest: Workforce Development Planning, 21st Century Jobs. 07/01/2019—11/15/2019.

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