

NEW YORK INSTITUTE  
OF TECHNOLOGY

# 20th Annual Faculty Scholars Reception

Student Activity Center  
Long Island campus  
Wednesday, March 29, 2023

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# CO-CONVENERS

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**Hank Foley, Ph.D.**

President, New York Institute of Technology

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

Provost & Executive Vice President

Editor/Compiler

Laura Wyrick  
Executive Assistant  
Academic Affairs

# FOREWORD

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As the home of doers, makers, and innovators, New York Institute of Technology is committed to fully supporting faculty research and scholarship. Recognizing the outstanding creative achievements of our researchers is a critical component of building our academic culture. Through these achievements, we take inspiration and pride in New York Tech. That is why I was also delighted that this year's Annual Faculty Scholars Reception was once again an in-person gathering where we can interact directly to discuss the meaningful research and scholarship of our peers and colleagues.

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

My congratulations to the many scholars, scientists, professionals, and researchers whose work was highlighted at the 2023 Annual Faculty Scholars Reception.

Sincerely,

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

Hank Foley, Ph.D.  
President

# FOREWORD

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

A handwritten signature in black ink, appearing to read 'Jerry Balentine', written in a cursive style.

Jerry Balentine, D.O., FACEP, FACOEP  
Provost and Executive Vice President

# FOREWORD

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It is my great pleasure to lead the Office of Sponsored Programs and Research team, and on behalf of me and my team members Eileen Gazzola, Juliet Vizbaras, Sarah Pennacchio, and Stella Leandrou, we are excited to have helped the faculty in pursuing their research endeavors. The following scholarly brochure showcases the impressive scholarly work of New York Tech faculty members and staff. As scholars and educators, we are committed to advancing knowledge and making significant contributions to our respective fields of study. This brochure is a testament to the passion, expertise, and dedication that our faculty members bring to their

research and scholarship.

In these pages, you will find a diverse range of research publications, awards, and other citations all of which demonstrate the breadth and depth of the scholarly work being conducted by our faculty. From groundbreaking discoveries to innovative pedagogical practices, our faculty members are making an impact in their fields and beyond.

This brochure is also a testament to the collaborative and interdisciplinary nature of our academic community. Our faculty members work together across disciplines, schools, and campuses to tackle complex challenges and to create new knowledge. By sharing their research and scholarship, they are contributing to a culture of learning and discovery that benefits us all.

I invite you to explore this brochure and to discover the cutting-edge research and scholarship being conducted by our faculty members. I hope that it will inspire you to engage with our academic community, to collaborate with your fellow faculty members, and to join us in our pursuit of knowledge and excellence.

*Dawn M. Grzan*

Dawn Grzan  
Senior Director, Office of Sponsored Programs and Research

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# COLLEGE OF ARTS & SCIENCES

# I. AUTHORS

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

Associate Professor, Behavioral Sciences

Cinotti, D., Feirsen, R., Dahir, C. A., & Kim, N. (2022). Leveraging state policy to promote school counselor–principal collaboration. *Professional School Counseling*, 26(1c). doi: 10.1177/2156759X221134662.

## **Sophia K. Domokos, Ph.D.**

Assistant Professor, Physics

Domokos, S.K., Royston, A.B. (2022). Supersymmetry of the D3/D5 defect field theory. *Journal of High Energy Physics*, 2022, 40. doi: 10.1007/JHEP12(2022)040.

Domokos, S.K., Mann, N. (2022). Glueball-meson mixing in holographic QCD. *Journal of High Energy Physics*, 2022, 29. doi: 10.1007/JHEP06(2022)029.

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

Professor, Biological & Chemical Sciences

Gagna, C. (2022, July 14). [Letter to the editor]. Beyond B-DNA for Histone Studies. *Chemical & Engineering News*, 100 (25). <https://cen.acs.org/biological-chemistry/epigenetics/Reactions-Beyond-B-DNA/100/i25>

Gagna, C., (2022). Multiplex Immunofluorescent Demonstration of B-DNA, Z-DNA, and G4-Quadruplex DNA in the Mouse Crystalline Lens: Spatial Genomic Organization of Different DNA Structures; i.e., Genomesorganizomics. *Investigative Ophthalmology & Visual Science*. 63(7):658.

## **Bryan Gibb, Ph.D.**

Associate Professor, Biological & Chemical Sciences

Gadula, S., Pallothu, N., Jean-Baptiste, R., Jr., Holloway, J., Salichos, L., & Gibb, B. (2022). Complete Genome Sequences of *Arthrobacter* Phages Eraser, Kaylissa, and Phives. *Microbiology Resource Announcements*, 11(5):e0017822. doi: 10.1128/mra.00178-22.



## **Amanda Golden, Ph.D.**

Associate Professor, English

Golden, A. (2021). *Annotating Modernism: Marginalia and Pedagogy from Virginia Woolf to the Confessional Poets*. Routledge/Taylor and Francis Group. (paperback)

Helle, A., Golden, A. & O'Brien, M. (Eds.). (2022). *The Bloomsbury Handbook to Sylvia Plath*. New York, N.Y. Bloomsbury Academic.

Golden, A. (2022). Archival Pedagogy: Curating Edna O'Brien's Sylvia Plath Television Play in Helle, A., Golden, A. & O'Brien, M. (Eds.), *The Bloomsbury Handbook to Sylvia Plath* (pp. 279-87). New York, N.Y. Bloomsbury Academic.

Golden, A. (2022). Zadie Smith Archiving New York in Grand Union, in Arrington, L. (Ed.), *Late Modernism & Expatriation*. Clemson UP, 2022. 63-75.

## **Jennifer Griffiths, Ph.D.**

Professor, Humanities

Griffiths, J. (2022). *At Risk: Black Youth and the Creative Imperative in the Post-Civil Rights Era*. Jackson, Miss. University Press of Mississippi.

## **Michael Hadjiargyrou, Ph.D.**

Distinguished Professor and Chairperson, Biological & Chemical Sciences;  
Director, DO/Ph.D. Program

Connor, C., Hamilton, J., Robison, L., Hadjiargyrou, M., Komatsu, D., & Thanos, P.K. (2022). Abstinence from chronic methylphenidate exposure modifies cannabinoid receptor 1 levels in the brain in a dose-dependent manner. *Current Pharmaceutical Design*, 28(4):331-338. doi: 10.2174/1381612827666210127120411.

Richer, K., Hamilton, J., Delis, F., Martin, C., Fricke, D., Yao, R., Sajjad, M., Blum, K., Hadjiargyrou, M., Komatsu, D.E., & Thanos, P.K. (2022). Chronic Treatment and Abstinence from Methylphenidate Exposure Dose-dependently Changes Glucose Metabolism in the Rat Brain. *Brain Research*. 1780:147799. doi: 10.1016/j.brainres.2022.147799.

Khondkar, S., Tharakan, S., Badran, A., Hadjiargyrou, M., & Ilyas, A. (2022). Controlled Biodegradation and Swelling of Strontium-doped Alginate/Collagen Scaffolds for Bone Tissue Engineering. *IEEE Engineering in Medicine & Biology Society*, 44:1561-1564. doi: 10.1109/EMBC48229.2022.9871871.

Arnavut, E., Hamilton, J., Yao, R., Sajjad, M., Hadjiargyrou, M., Komatsu, D., & Thanos, P.K. (2022). Abstinence Following Intermittent Methylphenidate Exposure Dose-Dependently Modifies Brain Glucose Metabolism in the Rat Brain. *Synapse*, 76(9-10):17-30. doi: 10.1002/syn.22243.

Dickinson, E., Young, M.W., Kim, C.J., Hadjiargyrou, M., & Granatosky, M.C. (2022). The influence of substrate size upon pulling and gripping forces in parrots (Psittaciformes: *Agapornis roseicollis*). *Journal of Experimental Biology*, 225(19). doi: 10.1242/jeb.244818.

Thanos, P.K., McCarthy, M., Senior, D., Watts, S., Connor, C., Hammond, N., Blum, K., Hadjiargyrou, M., Komatsu, D., & Steiner, H. (2022). Combined chronic oral methylphenidate and fluoxetine treatment during adolescence: Effects on behavior. *Current Pharmaceutical Biotechnology* [online first]. doi: 10.2174/1389201024666221028092342.

Hadjiargyrou, M. (2022). The effects of bisphosphonates on appendicular fracture repair in rodents. *Bone*, 164:116542. doi: 10.1016/j.bone.2022.116542.

Clouse, G., Penman, S., Hadjiargyrou, M., Komatsu D.E., & Thanos, P.K. (2022). Examining the Role of Cannabinoids on Osteoporosis: a review. *Archives of Osteoporosis*, 17(1):146. doi: 10.1007/s11657-022-01190-x.

Chirokikh, A.A., Uddin, S.M.Z., Areikat, N., Jones, R., Duque, E., Connor, C., Hadjiargyrou, M., Thanos, P.K., & Komatsu, D.E. (2022). Combined Methylphenidate and Fluoxetine Treatment in Adolescent Rats Significantly Impairs Weight Gain with Minimal Effects on Skeletal Development. *Bone*. Epub 2022 Nov 30. doi: 10.1016/j.bone.2022.116637.

Hadjiargyrou, M., Salichos, L., Lamanna, F., Kruithof-De Julio, M., & Kloen, P. (2022). MicroRNA profiling in fracture callus and nonunion tissues. *Journal of Bone and Mineral Research (JMBR)*, 35:06.

Ortiz, L.M., O'Malley, N., Hadjiargyrou, M., Thanos, P.K., & Komatsu, D.E. (2022) Treatment with Psychostimulants Impairs Healing of Pediatric Distal Radius Fractures. *Journal of Bone and Mineral Research (JMBR)*, 35:754.

Tharakan, S., Khondkar, S., Lee, S., Ahn, S., Mathew, C., Gresita, A., Hadjiargyrou, M., & Ilyas, A. (2022). 3D Printed Osteoblast–Alginate/Collagen Hydrogels Promote Survival, Proliferation, and Mineralization at Low Doses of Strontium Calcium Polyphosphate. *Pharmaceutics*, 15(1), 11. MDPI AG. doi: 10.3390/pharmaceutics15010011.

Khondkar, S., Tharakan, S., Badran, A., Hadjiargyrou, M., & Ilyas, A. (2022). Controlled Biodegradation and Swelling of Strontium-doped Alginate/Collagen Scaffolds for Bone Tissue Engineering. *2022 44th Annual International*

Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), 1561-1564. doi: 10.1109/EMBC48229.2022.9871871.

## **Melissa Huey, Ph.D.**

Assistant Professor, Behavioral Sciences

Huey, M., & Giguere, D. (2022). The Impact of Smartphone Use on Course Comprehension and Psychological Well-Being in the College Classroom. *Innovative Higher Education*, 1-12. <https://doi.org/10.1007/s10755-022-09638-1>

## **Nayoung Kim, Ph.D.**

Assistant Professor, Behavioral Sciences

Cinotti, D., Feirsen, R., Dahir, C. A., & Kim, N. (2022) Leveraging state policy to promote school counselor–principal collaboration. *Professional School Counseling*, 26(1c). doi: 10.1177/2156759X221134662.

Jo, H., Kim, N., & Yoon, E. (2022). Introducing Korean adolescent counselling systems: Implications for future directions. *Counselling and Psychotherapy Research*, 22(1), 74-82. doi: 10.1002/capr.12486.

Kim, N., & Mumbauer-Pisano, J. (2022). Promoting well-being from the start: Implementation of a wellness curriculum. *Journal of Counselor Preparation and Supervision*, 15(1).

Kim, N., & Han, E. (2022). Mentoring doctoral students in counselor education for research competence: A developmental perspective. *Journal of Counselor Preparation and Supervision*, 15(1).

## **John Misak, D.A.**

Associate Professor, Humanities

Misak, J. (2022). Familiar Technologies and Learning Principles to Attract and Retain STEM Student Interest in First-Year Writing. In Kao, V. & Kiernan, J. (Eds.), *Writing STEAM: Composition, STEM, and a New Humanities* (pp. 127-145). Routledge.

Misak, J. (2022). Reverse-Engineering Stories in the Literature Classroom: Linking Video Games and Traditional Narratives to Foster Critical Reading Skills. In Pugh, T., & Ramey, L., (Eds.), *Teaching Games and Game Studies in the Literature Classroom* (pp. 39-61). Bloomsbury.

Misak, J. (2022). Teaching Online with Google Docs. In Miller, J., & Wilhelm, J., (Eds.), *Teaching Literature in the Online Classroom* (pp. 155-160). Modern Language Association.

## **Ben Ovrn, Ph.D.**

Professor, Physics

Ovrn, B., Bishop, T.T., & Krapf, D. (2022). Physics of the Cell Membrane. In Blagoev, K.B., & Levine, H. (Eds.), *Physics of Molecular and Cellular Processes. Graduate Texts in Physics*. Springer, Cham. doi: 10.1007/978-3-030-98606-3\_6.

## **Leonidas Salichos, Ph.D.**

Assistant Professor, Biological and Chemical Sciences

Gadula, S., Pallothu, N., Jean-Baptiste, R., Jr., Holloway, J., Salichos, L., & Gibb, B. Complete Genome Sequences of *Arthrobacter* Phages Eraser, Kaylissa, and Phives. *Microbiology Resource Announcements*, 11(5):e0017822. doi: 10.1128/mra.00178-22.

## **Jamel Vanderburg, M.P.A.**

Adjunct Instructor, Humanities

Vanderburg, J.V. (2022). *Not let your voice be silenced*. The Institute for Social Justice. Available at: <https://tisj.myunion.edu/not-let-your-voice-be-silenced>. (Accessed Jan. 30, 2023.)

## II. PRESENTERS AT MEETINGS AND CONFERENCES

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

Professor, Biological & Chemical Sciences

Gagna, C., Ekoulily, L. Zaman, A., & Lambert, W. (2022, May). *Identification of Z-DNA, G4-DNA and B-DNA in epidermis: Spatial genomic organization of different DNA structures (Genomesorganizomics)*. Poster presented at the Society for Investigative Dermatology 22nd Annual Meeting, Portland, Ore.

Gagna, C. (2022, May). *Multiplex Immunofluorescent Demonstration of B-DNA, Z-DNA and G4-Quadruplex DNA in the Mouse Crystalline Lens: Spatial Genomic Organization of Different DNA Structures, i.e., Genomesorganizomics*. Presented at the 2022 Association for Research in Vision and Ophthalmology Annual Meeting, Denver, Colo. and virtual.

Gagna, C. (2022, April). *Immunofluorescent and Immunohistochemical (Colorimetric) Characterization of B-DNA, Z-DNA, and G4-Quadruplex DNA in Human Tissues Demonstrating the Spatial Genomic Organization of Different DNA Structures: Genomesorganizomics*. Poster presented at Experimental Biology 2022 Conference, Philadelphia, Pa.

Gagna, C. (2022, April). *Canonical and Multistranded, Alternative and Transitional Helical (C-MATH) Nucleic Acid Microarrays: Next Generation Double- and Four-Stranded DNA and RNA Microarrays*. Poster presented at Experimental Biology 2022 Conference, Philadelphia, Pa.

Gagna, C. (2022, March). *Spatial genomic organization of DNA structures, i.e., genomesorganizomics: Multiplex high-dimensional immunohistochemical colorimetric demonstration of B-DNA, Z-DNA, and G4-quadruplex DNA in human cells and tissues*. Presented at ACS Spring 2022, American Chemical Society, San Diego, Calif.

Gagna, C. (2022, February). *New “omics” platform-nucleic acid structural spatial genome organization, i.e., genomesorganizomics: multiplex immunofluorescent demonstration of B-DNA, Z-DNA and quadruplex DNA*. Poster presented at BPS 2022 66<sup>th</sup> Biophysical Society Annual Meeting, San Francisco, Calif.

## **Amanda Golden, Ph.D.**

Associate Professor, English

Golden, A. (2022, October). *Editing Sylvia Plath*. Digital Talk at the Sylvia Plath Literary Festival, Hebden Bridge, U.K.

Golden, A. (2022, March). *Office Hours: Sylvia Plath, Pedagogy, and the Archive*. Keynote Lecture at the Sylvia Plath Society Conference. Virtual.

Golden, A. (2022, March). “*The Grim Keys of My Smug Typewriter*”: *On the Material Practice(s) of Sylvia Plath*. Interactive Seminar. Typewriter Talks series. Woodberry Poetry Room, Harvard Library, Harvard University, Cambridge, Mass.

Golden, A. (2022, Feb.). *Reading Sylvia Plath Now*. Public Lecture at Bedlam Book Café, Worcester, Mass.

## **Michael Hadjiargyrou, Ph.D.**

Distinguished Professor and Chairperson, Biological & Chemical Sciences;  
Director, DO/Ph.D. Program

Tharakan, S., Lee, S., Ahn, S., Mathew, C., Hadjiargyrou, M., Ilyas, A. (2022, October). *Effect of Sr<sup>2+</sup> and Ca<sup>2+</sup> ions on 3D printed Beta Tricalcium-Phosphate/Alginate Composite Scaffolds for Bone Tissue Engineering*. Presentation at the Materials Science & Technology Technical Meeting and Exhibition, Pittsburgh, Penn.

Lee, S., Ahn, S., Mathew, C., Badran, A., Tharakan, S., Kohdakar, S., Hadjiargyrou, M., Ilyas, A. (2022, October). *Cytotoxicity of Strontium Calcium Polyphosphate on MC3T3-E1 Cells in 3D printed Alginate/Collagen Scaffolds*. Poster Presentation at the Materials Science & Technology Technical Meeting and Exhibition, Pittsburgh, Penn.

Hadjiargyrou, M., Salichos, L., Lamanna, F., Kruihof-De Julio, M., & Kloen, P. (2022, September). *MicroRNA profiling in fracture callus and nonunion tissues*. Poster Presentation at the American Society for Bone and Mineral Research (ASBMR) Annual Meeting, Austin, Texas.

Ortiz, L.M., O'Malley, N., Hadjiargyrou, M., Thanos, P.K., Komatsu, D.E. (2022, September) *Treatment with Psychostimulants Impairs Healing of Pediatric Distal Radius Fractures*. Poster Presentation at the American Society for Bone and Mineral Research (ASBMR) Annual Meeting, Austin, Texas.

Khondkar, S., Tharakan, S., Badran, A., Hadjiargyrou, M., & Ilyas, A. (2022, July). *Controlled Biodegradation and Swelling of Strontium-doped Alginate/Collagen Scaffolds for Bone Tissue Engineering*. Presentation at the

44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), Glasgow, Scotland.

Dickinson, E., Young, M.W., Kim, C.J., Hadjiargyrou, M., Granatosky, M.C. (2022, June). *The effect of substrate size on grip and pull forces in parrots*. Poster Presentation at the 27th Congress of the European Society of Biomechanics, Porto, Portugal.

Dickinson, E., Young, M.W., Kim, C.J., Hadjiargyrou, M., & Granatosky, M.C. (2022, January). *Force generation capabilities in the parrot hindlimb reflect preferential perching behaviors*. Presentation at the Society for Integrative and Comparative Biology Annual Meeting, Phoenix, Ariz.

### **William Letsou, Ph.D.**

Assistant Professor, Biological and Chemical Sciences

Letsou, W., Wang, F., Moon, W., Im, C., Sapkota, Y., Robison, L., & Yasui, Y. (2022, October). *Potential misrepresentation of inherited breast cancer risk by common germline alleles*. Poster presentation at the American Society of Human Genetics 2022 Annual Meeting, Los Angeles, Calif.

### **John Misak, D.A.**

Associate Professor, Humanities

Misak, J. (2022, June). *Perchance: A 3D Hamlet Mystery*. Presentation at Frontiers of Playful Learning, University of Connecticut, Storrs, Conn.  
<https://frontiers.education.uconn.edu/archive>

### **Leonidas Salichos, Ph.D.**

Assistant Professor, Biological and Chemical Sciences

Hadjiargyrou, M., Salichos, L., Lamanna, F., Kruithof-De Julio, M., & Kloen, P. (2022, September). *MicroRNA profiling in fracture callus and nonunion tissues*. Poster Presentation at the American Society for Bone and Mineral Research (ASBMR) Annual Meeting, Austin, Texas.

## III. HONOREES AND AWARDEES

**Sophia K. Domokos, Ph.D.**

Assistant Professor, Physics

***KITP Scholar***, University of California, Santa Barbara, Kavli Institute for Theoretical Physics, 2022.



## IV. DESIGNERS AND EXHIBITORS

### **Lynn Rogoff, MFA**

Adjunct Associate Professor

Rogoff, L. (2022). *Bird Woman, Sacajawea*. Linktree. International Podcast Month. Available at: <https://linktr.ee/bird.woman>.

## V. GRANT RECIPIENTS— EXTERNALLY SPONSORED

### **Amanda Golden, Ph.D.**

Associate Professor, English

Golden, A. (PI). Editing the Poems of Sylvia Plath. NEH Summer Stipend, 2022.

### **Nayoung Kim, Ph.D.**

Assistant Professor, Behavioral Sciences

Kim, N. (PI): Investigating the relationship between perceived discrimination, social support, and wellness among Asian/Asian American counseling students. Association for Multicultural Counseling and Development (AMCD), 2022 AMCD Research Grant.

## VI. GRANT RECIPIENTS— INTERNALLY SPONSORED

### **Yusui Chen, Ph.D.**

Assistant Professor, Physics

Developing Environment-assisted Quantum Computing Architecture.  
Principal Investigator. ISRC Grant.

### **Sophia K. Domokos, Ph.D.**

Assistant Professor, Physics

Using Emerging Technology to Improve Reading: An Interdisciplinary  
Implementation of Perusall. Principal Investigator. TLT Grant.

### **Chris Douvris, Ph.D.**

Associate Professor, Biological & Chemical Sciences

Investigation on the Presence and Concentration of Toxic Contaminants in  
Dental Devices by ICPOES, ICP-MS, and LC-MS Spectroscopy.  
Principal Investigator. ISRC Grant.

### **Jole Fiorito, Ph.D.**

Assistant Professor, Biological & Chemical Sciences

Preparation of a Library of New Indole-based Molecules and Evaluation of Their  
PDE5 Inhibitory Activity. Principal Investigator. ISRC Grant.

### **Bryan Gibb, Ph.D.**

Associate Professor, Biological & Chemical Sciences

Evaluation of Phage Therapy in Bone and Joint Infections.  
Principal Investigator. ISRC Grant.

### **Amanda Golden, Ph.D.**

Associate Professor, English

Golden, Amanda. Editing the Poems of Sylvia Plath.  
Principal Investigator. ISRC Grant.

**Michael Hadjiargyrou, Ph.D.**

Distinguished Professor and Chairperson, Biological & Chemical Sciences;  
Director, DO/Ph.D. Program

The role of Ca<sup>++</sup> signaling in skeletal development and regeneration.  
Principal Investigator. ISRC Grant.

Evaluation of Phage Therapy in Bone and Joint Infections. Co-Principal  
Investigator. ISRC Grant.

**Melissa Huey, Ph.D.**

Assistant Professor, Behavioral Sciences

Using Emerging Technology to Improve Reading: An Interdisciplinary  
Implementation of Perusall. Co-Principal Investigator. TLT Grant.

**Vitaly Katsnelson, Ph.D.**

Assistant Professor, Mathematics

Imaging a planet's interior and density of mass from its natural frequencies of  
oscillations. Principal Investigator. ISRC Grant.

**Jacqueline Keighron, Ph.D.**

Assistant Professor, Biological and Chemical Sciences

Creating a Multifunctional Enzyme-Based Biosensor to Detect the Complex  
Chemical Communication Between Cells.  
Principal Investigator. ISRC Grant.

**Nayoung Kim, Ph.D.,**

Assistant Professor, Behavioral Sciences

Intervention for International College Students' Career Exploration.  
Principal Investigator. ISRC Grant.

Innovative Teaching Approach for Counselors-in-training Using the Virtual and  
Real World Metaverse  
Case Studies.  
Co-Principal Investigator. TLT Grant.

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**Navin Pokala, Ph.D.,**

Associate Professor, Biological & Chemical Sciences

High-throughput construction of pairwise neural perturbation C elegans strains.  
Principal Investigator. ISRC Grant.

# COLLEGE OF OSTEOPATHIC MEDICINE

# I. AUTHORS

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

Associate Professor, Osteopathic Manipulative Medicine

Mancini, J.D., Angelo, N., Abu-Sbaih, R., Kooyman, P., & Yao, S. (2022). Concussion-related visual memory and reaction time impairment in college athletes improved after osteopathic manipulative medicine: a randomized clinical trial. *Journal of Osteopathic Medicine*, 123(1) 31-38. doi: 10.1515/jom-2022-0085.

Mancini, J., Oliff, Z., Abu-Sbaih, R., Simone, J., LaRosa, A., Mody, S., Li, T. S., & Leder, A. (2022). Abnormal Foot Progression Angle Kinematics in Cervical Dystonia Improved After Osteopathic Manipulative Medicine: A Prospective Case Series. *Cureus*, 14(6), e26459. doi:10.7759/cureus.26459.

## **Brian Beatty, Ph.D.**

Associate Professor, Anatomy

Goswami, A., Noirault, E., Coombs, E.J., Clavel, J., Fabre, A.C., Halliday, T.J., Churchill, M., Curtis, A., Watanabe, A., Simmons, N.B., Beatty, B.L., Geisler, J.H., Fox, D.L., & Felice, R.N. (2022). Attenuated evolution of mammals through the Cenozoic. *Science*, 378(6618):377-383. doi: 10.1126/science.abm7525.

Godfrey, S.J. & Beatty, B.L. (2022). A Miocene cetacean vertebra showing a partially healed longitudinal shear-compression fracture, possibly the result of domoic acid toxicity or failed predation. *Palaeontologia Electronica*, 25(3), pp.1-16. doi:10.26879/1171.

Ciano, J. & Beatty, B.L., (2022). Regional variation in the density of Meissner's corpuscles in human fingers. *Annals of Anatomy-Anatomischer Anzeiger*, 243:151946. doi:10.1016/j.aanat.2022.151946.

Liu, J., Wang, L., Beatty, B.L., Zhang, G., Wang, T. & Bi, S., (2022). New material (Tritylodontidae, Mammalia) from the lower Jurassic of Lufeng and its implication on the taxonomy of *Lufengia*. *Historical Biology*, pp.1-11. doi: 10.1080/08912963.2022.2104643.

Mihlbachler, M.C., Rusnack, F. & Beatty, B.L., (2022). Experimental approaches to assess the effect of composition of abrasives in the cause of dental microwear. *Royal Society Open Science*, 9(6):211549. doi:10.1098/rsos.211549.

Coombs, E.J., Felice, R.N., Clavel, J., Park, T., Bennion, R.F., Churchill, M., Geisler, J.H., Beatty, B. & Goswami, A., (2022). The tempo of cetacean cranial evolution. *Current Biology*, 32(10):2233-2247. doi:10.1016/j.cub.2022.04.060.

Hoehmann, C.L. & Beatty, B.L., (2022). Surface metrology of bone surface attachments of knee ligaments. *The Anatomical Record*, 305(1):52-65. doi:10.1002/ar.24684.

## **Maria Alicia Carillo-Sepulveda, Ph.D.**

Associate Professor, Biomedical Sciences

Kiernan, R., Persand, D., Maddie, N., Cai, W., & Carrillo-Sepulveda, M. A. (2022). Obesity-related vascular dysfunction persists after weight loss and is associated with decreased vascular glucagon-like peptide receptor in female rats. *American Journal of Physiology. Heart and circulatory physiology*, 323(2), H301–H311. doi:10.1152/ajpheart.00031.2022.

Carrillo-Sepulveda, M. A., Maddie, N., Johnson, C. M., Burke, C., Lutz, O., Yakoub, B., Kramer, B., & Persand, D. (2022). Vascular hyperacetylation is associated with vascular smooth muscle dysfunction in a rat model of non-obese type 2 diabetes. *Molecular Medicine (Cambridge, Mass.)*, 28(1), 30. doi:10.1186/s10020-022-00441-4.

## **Todd Cohen, M.D., FACC, FHRS**

Professor, Chief of Cardiology; Director of Medical Device Innovation

Greco, L.V., Migirov, A., Ojamaa, K., Li, Y., Huang, Y., Kobayashi, S., Udo-Bellner, L., Stout, R., Cohen, T.J., & Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Binge Alcohol Enhanced Atrial Fibrillation in Rats. *Journal of Cardiovascular Pharmacology*, 80(5):739-745. doi: 10.1097/FJC.0000000000001346.



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

Associate Professor and Chairperson, Anatomy

Goswami, A., Noirault, E., Coombs, E. J., Clavel, J., Fabre, A.-C., Halliday, T. J. D., Churchill, M., Curtis, A., Watanabe, A., Simmons, N. B., Beatty, B., Geisler, J. H., Fox, D. L., & Felice, R. (2022). Attenuated evolution of mammals through the Cenozoic. *Science*, 378 (6618): 377-383. doi: 10.1126/science.abm7525.

Citron, C., Geisler, J. H., Collareta, A., & Bianucci, G. (2022). Systematics, phylogeny, and feeding behavior of the oldest killer whale: a reappraisal of *Orcinus citoniensis* (Capellini, 1883) from the Pliocene of Tuscany (Italy). *Bollettino della Società Paleontologica Italiana*, 61 (2), 167-186. Doi: 10.4435/BSPI.2022.13.

Bianucci, G., Geisler (co-first-author), J. H., Citron, S., & Collareta, A. (2022). The origins of the killer whale 25ctomorph. *Current Biology*, 32(8), 1843-1851.e2. doi: 10.1016/j.cub.2022.02.041.

Dahl, E. J., Hira, S., & Geisler, J.H. (2022). Quantifying Research on Anatomical Structures, a Potential New Metric for Assessing Clinical Relevance. *Clinical Anatomy* 36, 92-101. Doi: 10.1002/ca.23930.

Coombs, E. J., Felice, R. N., Clavel, J., Park, T., Bennion, R. F., Churchill, M., Geisler, J. H., Beatty, B., & Goswami, A. (2022). The tempo of cetacean cranial evolution. *Current Biology*, 32(10), 2233-2247.e4. doi: 10.1016/j.cub.2022.04.060.

## **Michael Granatosky, Ph.D.**

Assistant Professor, Anatomy

Young, M.W., Dickinson, E., Flaim, N.D., Granatosky, M.C. (2022). Overcoming a 'forbidden phenotype': the parrot's head supports, propels, and powers tripedal locomotion. *Proceedings of the Royal Society B: Biological Sciences*, 289, 20220245. Doi:10.1098/rspb.2022.0245.

McElroy, E.J., Granatosky, M.C. (2022). The evolution of asymmetrical gaits in gnathostome vertebrates. *Journal of Experimental Biology*, 225, jeb243235. Doi:10.1242/jeb.243235.

Granatosky, M.C., McElroy, E.J. (2022). Stride frequency or length? A phylogenetic approach to understand how animals regulate locomotor speed. *Journal of Experimental Biology*, 225(Suppl 1), jeb243231. doi:10.1242/jeb.243231.

Dickinson, E., Young, M.W., Granatosky, M.C. (2022) Testing mechanisms for weight support distribution during inverted quadrupedalism in primates. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, 337(7): 699–708. Doi:10.1002/jez.2605.

Schurr, A.F., Burg, B.J., Dickinson, E., Granatosky, M.C. (2022) No cuts, no butts: Satisfaction of first-year medical students with a hybrid prosection-based model for learning gross anatomy during the COVID-19 pandemic. *Anatomical Sciences Education* 15(5): 827-838. Doi:10.1002/ase.2205.

Granatosky, M.C., Toussaint, S.L.D., Young, M.W., Panyutina, A., Youlatos, D. (2022). The northern treeshrew (Scandentia: Tupaiidae: *Tupaia belangeri*) in the context of primate locomotor evolution: A comprehensive analysis of gait, positional, and grasping behavior. *Journal of Experimental Zoology Part A: Ecological and Integrative Physiology*, 337(6), 645–665. Doi:10.1002/jez.2597.

Faltings, L., Young, M.W., Ross, C.F., Granatosky, M.C. (2022) Got rhythm? Rhythmicity differences reflect different optimality criteria in feeding and locomotor systems. *Evolution*, 76(9): 2181–2190. Doi:10.1111/evo.14569.

Young, M.W., Lynch, S.K., Dickinson, E., Currier III, A.A., Davoli, E.C., Hanna, C.S., Fischer, H.M., DiUbaldi, G.A., Granatosky, M.C. (2022) Patterns of single limb forces during terrestrial and arboreal locomotion in rosy-faced lovebirds (Psittaciformes: *Agapornis roseicollis*). *Journal of Experimental Biology*, 225(14), jeb244571. Doi:10.1242/jeb.244571.

Dickinson, E., Elminowski, E.E., Flores, D., Eldridge, El, Granatosky, M.C., Hartstone-Rose, A. (2022). A morphological analysis of carnivoran ossicles from Rancho La Brea. *Journal of Morphology* 283(10): 1337–1349. Doi:10.1002/jmor.21506.

Gartner, S.M., Whitlow, K.R., Laurence-Chasen, J.D., Kaczmarek, E.B., Granatosky, M.C., Ross, C.F., Westneat, M.W. (2022). Suction feeding of West African lungfish (*Protopterus annectens*): An XROMM analysis of jaw mechanics, cranial kinesis, and hyoid mobility. *Biology Open*, 11(9), bio059447. Doi:10.1242/bio.059447.

Dickinson, E., Young, M.W., Granatosky, M.C. (2022). *In vivo* bite force in lovebirds (*Agapornis roseicollis*, Psittaciformes) and their relative biting performance among birds. *Journal of Zoology*, 318(4):272-282. doi:10.1111/jzo.13014.

Granatosky, M. C., Young, M. W., Herr, V., Chai, C., Raidah, A., Kairo, J. N., Anaekwe, A., et al. (2022). Positional Behavior of Introduced Monk Parakeets (*Myiopsitta monachus*) in an Urban Landscape. *Animals*, 12(18):2372. MDPI AG. doi:10.3390/ani12182372.

Dickinson, E., Young, M.W., Kim, C.J., Hadjiargyrou, M., Granatosky, M.C. (2022). The influence of substrate size upon pulling and gripping forces in parrots (Psittaciformes: *Agapornis roseicollis*). *Journal of Experimental Biology*, 225(19). doi:10.1242/jeb.244818.

Granatosky, M.C. (2022). Pedal Morphology and Locomotor Behavior of the Subfossil Lemurs of Madagascar. In Zeininger, A., Hatala, K.G., Wunderlich, R.E., Schmitt, D. (eds) *The Evolution of the Primate Foot. Developments in Primatology: Progress and Prospects*. Zeininger, A., Hatala, K.G., Wunderlich, R.E., Schmitt, D. (eds). Springer, Cham. doi:10.1007/978-3-031-06436-4\_16.

Young, M.W., Granatosky, M.C., Avey-Arroyo, J.A., Butcher, M.T., and Dickinson, E. (2022) Grip it good: in vivo grip force across substrate diameters in the brown-throated three-toed sloth (*Bradypus variegatus*). *Journal of Zoology*. doi.org/10.1111/jzo.13041.

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

Senior Research Associate, Biomedical Sciences

Greco, L.V., Migirov, A., Ojamaa, K., Li, Y., Huang, Y., Kobayashi, S., Udo-Bellner, L., Stout, R., Cohen, T.J., Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Binge Alcohol Enhanced Atrial Fibrillation in Rats. *Journal of Cardiovascular Pharmacology*, 80(5):739-745. doi: 10.1097/FJC.0000000000001346.

## **Satoru Kobayashi, Ph.D.**

Assistant Professor, Biomedical Sciences

Greco, L.V., Migirov, A., Ojamaa, K., Li, Y., Huang, Y., Kobayashi, S., Udo-Bellner, L., Stout, R., Cohen, T.J., Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Binge Alcohol Enhanced Atrial Fibrillation in Rats. *Journal of Cardiovascular Pharmacology*, 80(5):739-745. doi: 10.1097/FJC.0000000000001346.

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

Associate Professor, Osteopathic Manipulative Medicine

Mancini, J.D., Angelo, N., Abu-Sbaih, R., Kooyman, P., Yao, S. (2022). Concussion-related visual memory and reaction time impairment in college athletes improved after osteopathic manipulative medicine: a randomized clinical trial. *Journal of Osteopathic Medicine*, 123(1) 31-38. doi: 10.1515/jom-2022-0085.

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

Associate Professor, Biomedical Sciences

Purcell, J.M., Passley, T.M., Leheste, J.R. (2022). The Cannabidiol and Marijuana Research Expansion Act: Promotion of Scientific Knowledge to Prevent a National Health Crisis. *The Lancet Regional Health – Americas*, 14:100325. doi: 10.1016/j.lana.2022.100325.

Docherty, J., Leheste, J.R., Mancini, J., Yao, S. (2022). Preliminary Effects of Osteopathic Manipulative Medicine on Reactive Oxygen Species in Parkinson's Disease: A Randomized Controlled Pilot Study. *Cureus*, 14(11): e31504. doi: 10.7759/cureus.31504.

Byron, J.J., Avalos, M., Xiao, K., Klein, A.A., Leheste, J.R. (2022). Health Equity in a Post 'Roe Versus Wade' America. *Cureus*, 14(12): e32100. doi: 10.7759/cureus.32100.

Torres, G., Mourad, M., Leheste, J.R. (2022). Indoor Air Pollution and Decision-Making Behavior: An Interdisciplinary Review. *Cureus*, 14(6): e26247. doi: 10.7759/cureus.26247.

## **To Shan Li, D.O., C-NMM/OMM, ABIHM**

Associate Professor, Osteopathic Manipulative Medicine

Mancini, J., Oliff, Z., Abu-Sbaih, R., Simone, J., LaRosa, A., Mody, S., Li, T.S., Leder, A. (2022). Abnormal Foot Progression Angle Kinematics in Cervical Dystonia Improved After Osteopathic Manipulative Medicine: A Prospective Case Series. *Cureus*, 14(6):e26459. doi: 10.7759/cureus.26459.

## **Yan Li**

Senior Research Associate, Biomedical Sciences

Greco, L.V., Migirov, A., Ojamaa, K., Li, Y., Huang, Y., Kobayashi, S., Udo-Bellner, L., Stout, R., Cohen, T.J., Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Binge Alcohol Enhanced Atrial Fibrillation in Rats. *Journal of Cardiovascular Pharmacology*, 80(5):739-745. doi: 10.1097/FJC.0000000000001346.

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

Associate Professor, Osteopathic Manipulative Medicine

Mancini, J.D., Angelo, N., Abu-Sbaih, R., Kooyman, P., Yao, S. (2022). Concussion-related visual memory and reaction time impairment in college athletes improved after osteopathic manipulative medicine: a randomized clinical trial. *Journal of Osteopathic Medicine*, 123(1) 31-38. doi: 10.1515/jom-2022-0085.

Docherty, J., Leheste, J.R., Mancini, J., Yao, S. (2022). Preliminary Effects of Osteopathic Manipulative Medicine on Reactive Oxygen Species in Parkinson's Disease: A Randomized Controlled Pilot Study. *Cureus*, 14(11): e31504. doi: 10.7759/cureus.31504.

## **Kaie Ojamaa, Ph.D.**

Professor, Biomedical Sciences

Greco, L.V., Migirov, A., Ojamaa, K., Li, Y., Huang, Y., Kobayashi, S., Udo-Bellner, L., Stout, R. Cohen, T.J., Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Binge Alcohol Enhanced Atrial Fibrillation in Rats. *Journal of Cardiovascular Pharmacology*, 80(5):739-745. doi: 10.1097/FJC.0000000000001346.

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

Professor, Biomedical Sciences

Pavia, C.S., & Gurtler, V. (Eds). (2022). *COVID-19: Biomedical Perspectives, Volume 50 (Methods in Microbiology)*. Academic Press, London, U.K.

Pavia, C.S., & Plummer, M.M. (2022). Chapter 9: COVID-19 vaccines for high-risk and immunocompromised patients. In Pavia, C.S., Gurtler, V. (Eds.), *COVID-19: Biomedical Perspectives, Volume 50 (Methods in Microbiology)* (pp. 269-278). Academic Press, London, U.K.

Pavia C.S. (2022). Pasteur, Vaccines, and the Refusal to Become Fully Vaccinated in the Midst of the COVID-19 Pandemic. *Frontiers in Public Health*, 10:815816. doi.org/10.3389/fpubh.2022.815816.

Pavia, C.S., & Plummer, M. M. (2022). Impact of the COVID-19 pandemic on Easter. *Wiener klinische Wochenschrift*, 134(9-10):420–421. doi:10.1007/s00508-021-01853-8.

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

Associate Professor, Clinical Specialties

Pavia, C.S., & Plummer, M.M. (2022). Chapter 9: COVID-19 vaccines for high-risk and immunocompromised patients. In Pavia, C.S., Gurtler, V. (Eds.), *COVID-19: Biomedical Perspectives, Volume 50 (Methods in Microbiology)* (pp. 269-278). Academic Press, London, U.K.

Pavia, C.S., & Plummer, M.M. (2022). Impact of the COVID-19 pandemic on Easter. *Wiener klinische Wochenschrift*, 134(9-10):420–421. doi:10.1007/s00508-021-01853-8.

## **Viswanathan Rajagopalan, Ph.D.**

Associate Professor, Biomedical Sciences, Jonesboro, Ark.

Rajagopalan, V., & Cao, H. (2022). Cardiovascular Applications of Artificial Intelligence in Research, Diagnosis, and Disease Management. In Segall, R. & Niu, G. (Eds.), *Biomedical and Business Applications Using Artificial Neural Networks and Machine Learning* (pp. 80-127). IGI Global. doi:10.4018/978-1-7998-8455-2.ch004.

## **Olga Savinova, Ph.D.**

Associate Professor, Biomedical Sciences

Sassoon, J. C., Javan-Khoshkholgh, A., Behbodikhah, J., Dai, W., Alemu, S., Quadri, S., Singh, M., Savinova, O. V., & Farajidavar, A. (2022). Recording and Analysis of Slow Waves of the Small Intestine of Mice with Heart Failure. *Journal of Neurogastroenterology & Motility*, Dec. 8; e14514. doi: 10.1111/nmo.14514. Online ahead of print.

Guru, S.K., Li, Y., Savinova, O.V., & Zhang, Y. (2022). Long-term consumption of artificial sweeteners does not affect cardiovascular health and survival in rats. *PeerJ*, 9;10:e13071. doi: 10.7717/peerj.13071.

## **Randy Stout, Ph.D.**

Associate Professor, Biomedical Sciences

Greco, L.V., Migirov, A., Ojamaa, K., Li, Y., Huang, Y., Kobayashi, S., Udo-Bellner, L., Stout, R. Cohen, T.J., & Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Binge Alcohol Enhanced Atrial Fibrillation in Rats. *Journal of Cardiovascular Pharmacology*, 80(5):739-745. doi: 10.1097/FJC.0000000000001346.

## **Milan Toma, Ph.D.**

Assistant Professor, Osteopathic Manipulative Medicine

Toma, M., Singh-Gryzbon, S., Frankini, E., Wei, Z.A., & Yoganathan, A.P. (2022). Clinical impact of computational heart valve models. *Materials*, 15(9):3302. doi:10.3390/ma15093302.

Syed, F., Jose, R., Devine, T., Coletti, C., & Toma, M. (2022). Assessment of abdominal constrictor's forces for informing computational models of orthostatic hypotension. *Materials*, 15(9):3116. doi:10.3390/ma15093116.

Kurgansky, G., Arias, J., Frankini, E., Echeverri, S., Chan-Akeley, R., & Toma, M. (2022). Fluid-structure interaction analyses of amniotic fluid with a comprehensive fetus model exposed to external loading. *ECCOMAS Congress 2022 - 8th European Congress on Computational Methods in Applied Sciences and Engineering*. Scipedia, Volume Computational Natural Sciences. doi:10.23967/eccomas.2022.124.



## **Akinobu Watanabe, Ph.D.**

Assistant Professor, Anatomy

Goswami, A., Noirault, E., Coombs, E.J., Clavel, J., Fabre, A.C., Halliday, T.J., Churchill, M., Curtis, A., Watanabe, A., Simmons, N. B., Beatty, B., Geisler, J.H., Fox, D.L., & Felice, R.N. (2022). Attenuated evolution of mammals through the Cenozoic. *Science*, 378(6618):377-383. doi: 10.1126/science.abm7525.

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

Professor and Chairperson, Osteopathic Manipulative Medicine

Docherty, J., Leheste, J.R., Mancini, J., Yao, S. (2022). Preliminary Effects of Osteopathic Manipulative Medicine on Reactive Oxygen Species in Parkinson's Disease: A Randomized Controlled Pilot Study. *Cureus*, 14(11): e31504. doi: 10.7759/cureus.31504.

Mancini, J.D., Angelo, N., Abu-Sbaih, R., Kooyman, P., & Yao. S. (2022). Concussion-related visual memory and reaction time impairment in college athletes improved after osteopathic manipulative medicine: a randomized clinical trial. *Journal of Osteopathic Medicine*, 123(1) 31-38. doi: 10.1515/jom-2022-0085.

DiFrancisco-Donoghue, J., Chan, T., Jensen, A.S., Docherty, J., Grohman, R., Yao, S.C. (2022). The Effect of Pedal Pump Lymphatic Technique Versus Passive Recovery Following Maximal Exercise: A Randomized Cross-Over Trial. *Sports Medicine - Open* 8, 8 doi:10.1186/s40798-021-00402-x.

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

Associate Professor, Biomedical Sciences

Greco, L.V., Migirov, A., Ojamaa, K., Li, Y., Huang, Y., Kobayashi, S., Udo-Bellner, L., Stout, R. Cohen, T.J., & Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Treatment Prevents Binge Alcohol Enhanced Atrial Fibrillation in Rats. *Journal of Cardiovascular Pharmacology*, 80(5):739-745. doi: 10.1097/FJC.0000000000001346.

Mahmood, A., Ahmed, K., & Zhang, Y. (2022).  $\beta$ -Adrenergic Receptor Desensitization/Down-Regulation in Heart Failure: A Friend or Foe? *Frontiers in Cardiovascular Medicine*, 9:925692. doi: 10.3389/fcvm.2022.925692.



Guru, S.K., Li, Y., Savinova, O.V., & Zhang, Y. (2022). Long-term consumption of artificial sweeteners does not affect cardiovascular health and survival in rats. *PeerJ*, 9;10:e13071. doi: 10.7717/peerj.13071.

Zhang, Y. (2022). Stabilizing Cardiac Ryanodine Receptor with Dantrolene Prevents Binge Alcohol and Caffeine Induced Ventricular Tachyarrhythmias. *Heart Rhythm*, 19(5, Supplement) :S104-S105. doi:10.1016/j.hrthm.2022.03.784.

Chen, V., Choudhury, N., & Zhang, Y. (2022) Caffeine Induces Spontaneous Ventricular Tachyarrhythmias and Bidirectional Ventricular Tachycardia: Increased Vulnerability with Aging. *The FASEB Journal*, 36(S1): doi:10.1096/fasebj.2022.36.S1.R2515.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

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

Associate Professor, Osteopathic Manipulative Medicine

Reem, A.S. (2022, Oct.). *Osteopathic Considerations of the Abdomen* Lecture and Workshop. PowerPoint presentation at the American Osteopathic Association (OMED), Boston, Mass.

Abu-Sbaih, Reem (2022, Oct.). Table Trainer. Continuing Studies Course: The Thorax SCTF Sutherland Cranial Teaching Foundation Continuing Studies 2022. Biddeford, Maine.

Abu-Sbaih, Reem (2022, Sept.). Invited Speaker and Table Trainer. *Osteopathic Considerations of the Lymphatic System*. UHS United Health Services – Binghamton Hospital System Family Medicine Residency Program, OMM Teaching Day 2022, Binghamton, N.Y.

Abu-Sbaih, Reem (2022, April). Table Trainer. Osteopathic Continuing Medical Education Conference, Andrew Still Sutherland Study Group (ASSSG), Great Barrington, Mass.

### **Brian Beatty, Ph.D.**

Associate Professor, Anatomy

Goswami, A., Noirault, E., Coombs, E.J., Clavel, J., Fabre, A.-C., Halliday, T.J.D., Churchill, M., Curtis, A., Watanabe, A., Simmons, N.B., Beatty, B.J., Geisler, H., Fox, D.L., & Felice, R.N. (2022, November). *Attenuated evolution of mammals through the Cenozoic*. Presentation at the 82<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada.

### **Maria Alicia Carrillo-Sepulveda, Ph.D.**

Associate Professor, Biomedical Sciences

Maddie, N., Qiang, L., Carrillo-Sepulveda, M.A. (September 2022). *PPAR $\gamma$  deacetylation mitigates aortic stiffness and aortic perivascular adipose tissue*

*(aPVAT) remodeling in obese male mice*. Oral presentation at the AHA Hypertension 2022 Scientific Session, San Diego, Calif.

Pita, M.R., Maddie, N., Carrillo-Sepulveda, M.A. (September 2022). *Increased Toll-like receptor 4 in perirenal adipose-tissue is associated with elevated systolic blood pressure in obese mice*. Poster presented at the AHA Hypertension 2022 Scientific Session, San Diego, Calif.

Yuen, A. (Presenting Author), Kiernan, R., Carrillo-Sepulveda, M.A. (April 2022). *Obese or not? Reconsidering Sex Differences in the Characterization of Western Diet-Induced Obesity in a Murine Model*. Oral Presentation at the 2022 Experimental Biology, Philadelphia, Pa.

Kiernan, R.N. (Presenting Author), Perez, A., Yuen, A., Carrillo-Sepulveda, M.A. (2022, April). *PPAR gamma deacetylation: A novel therapeutic strategy to mitigate arterial stiffness in obese male mice*. Poster Presentation at the 2022 Experimental Biology, Philadelphia, Pa.

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

Associate Professor and Chairperson, Anatomy

Goswami, A., Noirault, E., Coombs, E.J., Clavel, J., Fabre, A.-C., Halliday, T.J.D., Churchill, M., Curtis, A., Watanabe, A., Simmons, N.B., Beatty, B.J., Geisler, H., Fox, D.L., & Felice, R.N. (2022, November). *Attenuated evolution of mammals through the Cenozoic*. Presentation at the 82<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada.

## **Michael Granatosky, Ph.D.**

Assistant Professor, Anatomy

Dickinson, E., Young, M.W., Kim, C.J., Hadjiargyrou, M., Granatosky, M.C. (2022, June). *The effect of substrate size on grip and pull forces in parrots*. Poster Presentation at the 27th Congress of the European Society of Biomechanics, Porto, Portugal.

Dickinson, E., Young, M.W., Kim, C.J., Hadjiargyrou, M., & Granatosky, M.C. (2022, January). *Force generation capabilities in the parrot hindlimb reflect preferential perching behaviors*. Presentation at the Society for Integrative and Comparative Biology Annual Meeting, Phoenix, Ariz.

## **Todd Green, Ph. D.**

Postdoctoral Teaching Fellow, Anatomy

\*Green, T.L., Watanabe, A., \* Ng, J., \* Chariwala, S., \* Goldblatt, T., & Gignac, P. (2022, November). *3D cranial imaging is the swan song for the cassowary casque as a vocal resonator*. Presentation at the 82<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada. (\* indicates advisees)

Watanabe, A., Gignac, P.M., \*Green, T.L., \*Bedell, M., \*Landman, S., \*Marshall, S.S., & \*Okouneva, Y. (2022, January). *High-density shape analysis on a new avian model to study the emergence of bizarre brain (and craniofacial) morphologies*. Contributed Talk Presentation at Society of Integrative and Comparative Biology Annual Meeting, Phoenix, Ariz. (\* indicates advisees)

## **To Shan Li, D.O., C-NMM/OMM, ABIHM**

Associate Professor, Osteopathic Manipulative Medicine

Li, T.S. (2022, November). Presented *Acupressure for Emotional Wellness* at the Ehlers-Danlos Syndrome: Patient and Provider Virtual Symposium hosted by the New York Institute of Technology College of Osteopathic Medicine.

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

Professor, Biomedical Sciences

Maddie, N., Qiang, L., Carrillo-Sepulveda, M.A. (September 2022). *PPAR $\gamma$  deacetylation mitigates aortic stiffness and aortic perivascular adipose tissue (aPVAT) remodeling in obese male mice*. Oral presentation at the AHA Hypertension 2022 Scientific Session, San Diego, Calif.

## **Viswanathan Rajagopalan, Ph.D.**

Associate Professor, Biomedical Sciences, NYITCOM at A-State

Hasan, R., Chakraborty, S., Rajagopalan, V., & Medina-Bolivar, F. (2022, June). *Antioxidant and Cardioprotective Properties of Peanut Hairy Root-Derived Prenylated Stilbenoids in Cardiac Cells*. In-Person Poster Presentation at the 2022 Society for In Vitro Biology Annual Meeting, San Diego, Calif.

Bounds, C., Chakraborty, S., Dickerson, B., Shethwala, R., & Rajagopalan, V. (2022, April). *Long Non-coding RNAs Mediate Heart Failure with Preserved Ejection Fraction Associated with Thyroid Dysfunction*. Presented at the Experimental Biology Annual Meeting, Philadelphia, Pa.

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

Associate Professor, Family Medicine

Riley, B. (2022, October). *Ehlers-Danlos Syndrome (EDS) and Hypermobility Spectrum Disorders (HSD) and the Co-Morbid Conditions Associated With It*. Presentation at the American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED), Boston, Mass.

## **Randy Stout, Ph.D.**

Associate Professor, Biomedical Sciences

Stout, R.F., Jr., Khodra, E., Udo-Bellner, L. (2022, December). *Gap junction transendocytosis in glia modifies brain-derived extracellular vesicle formation*. Minisymposium invited Speaker at the Cell Bio 2022 ASCB-EMBO Meeting, Washington, D.C.

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

Associate Professor, Osteopathic Manipulative Medicine

Terzella, M.J. (2022, October). *Barriers to Freedoms: Treatment of Cervical Somatic Dysfunction with Muscle Energy Technique*. Speaker at the American Osteopathic Association (AOA) Osteopathic Medical Conference & Exposition (OMED) 2022. Boston, Mass.

Than, S., Santos, L., Lin, X., Jung, M.K., & Terzella, M. (2022, March). *Effect of Physique on Medical Students' Perceived Physical Ability to Perform Osteopathic Manipulative Treatment (OMT)*. Awarded 2nd place – Original Research. Poster presented at the American Academy of Osteopathy-Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

Lin, X., Than, S., Santos, L., Jung, M.K., & Terzella, M. (2022, March). *Effect of Medical School Experiences on Perceived Likelihood of Performing Osteopathic Manipulative Treatment (OMT) in Future Practice*. Awarded 3rd place – Original Research. Poster presented at the American Academy of Osteopathy-Louisa

Burns Osteopathic Research Committee and the National Undergraduate Fellows Association, Orlando, Fla.

## **Milan Toma, Ph.D.**

Assistant Professor, Osteopathic Manipulative Medicine

Kurgansky, G., Arias, J., Toma, M. (2022, June). *Fluid-structure interaction analyses of amniotic fluid with a comprehensive fetus model exposed to external loading*. Presentation at the 8th European Congress on Computational Methods in Applied Sciences and Engineering (ECCOMAS Congress 2022), Oslo, Norway.

## **Lars Udo-Bellner**

Senior Research Associate, Biomedical Sciences

Stout, R.F., Jr., Khodra, E., Udo-Bellner, L. (2022, December). *Gap junction transendocytosis in glia modifies brain-derived extracellular vesicle formation*. Minisymposium Invited Speaker at the Cell Bio 2022 ASCB-EMBO Meeting, Washington, D.C.

## **Akinobu Watanabe, Ph.D.**

Assistant Professor, Anatomy

Goswami, A., Noirault, E., Coombs, E.J., Clavel, J., Fabre, A.-C., Halliday, T.J.D., Churchill, M., Curtis, A., Watanabe, A., Simmons, N.B., Beatty, B.J., Geisler, H., Fox, D.L., & Felice, R.N. (2022, November). *Attenuated evolution of mammals through the Cenozoic*. Presentation at the 82<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada.

\*Green, T.L., Watanabe, A., \* Ng, J., \* Chariwala, S., \* Goldblatt, T., & Gignac, P. (2022, November). *3D cranial imaging is the swan song for the cassowary casque as a vocal resonator*. Presentation at the 82<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada. (\* indicates advisees)

\*Forcellati, M.R., \* Green, T.L., & Watanabe, A. (2022, November). *Distinct lineage-specific developmental trajectories underlie brain shape diversification in ratites (Aves: Palaeognathae)*. Presentation at the 82<sup>nd</sup> Annual Meeting of the Society of Vertebrate Paleontology, Toronto, Canada. Colbert Student Poster Prize for Best Student Poster. (\* indicates advisees)

\*Green, T.L., A. Watanabe, P. Gignac. (2022, April). *Potentially Neomorphic Cranial Bone Revealed in First Micro-CT Study of Southern Cassowary Casque Development*. Experimental Biology Meeting, Philadelphia, Pa. (\* indicates advisees)

Watanabe, A. (2022, April). *Journey through a Phenomic Universe: Frontiers in Analysis of Morphological Data*. Experimental Biology Meeting, Philadelphia, Pa.

Watanabe, A., Gignac, P.M., \*Green, T.L., \*Bedell, M., \*Landman, S., \*Marshall, S.S., & \*Okouneva, Y. (2022, January). *High-density shape analysis on a new avian model to study the emergence of bizarre brain (and craniofacial) morphologies*. Contributed Talk Presentation at the Society of Integrative and Comparative Biology Annual Meeting, Phoenix, Ariz. (\* indicates advisees)

\*Tharakan, S., \*Shepherd, N., Felice, R.N., Goswami, A., Gower, D.J., Stanley, E.L., & Watanabe, A. (2022, January). *Intraspecific cranial integration in *Anolis carolinensis* and *Natrix helvetica* mirrors squamate-wide macroevolutionary pattern*. SICB+ Presentation at the Society of Comparative and Integrative Biology Annual Meeting, Phoenix, Ariz. David and Marvalee Wake Award for Best Student Presentation. (\* indicates advisees)

\*Forcellati, M., \*Green, T., & Watanabe, A. (2022, January). *Distinct allometric trajectories underlie brain shape development in ratites (Aves: Palaeognathae)*. Poster Presentation at the Society of Integrative and Comparative Biology Annual Meeting, Phoenix, Ariz. (\* indicates advisees)

\*Green, T.L., P.M. Gignac, A. Watanabe. (2022, January). *Cassowaries are unicorns: Ontogenetic micro-CT analyses of *Casuarius casques* reveal a likely neomorphic cranial bone*. Poster Presentation at the Society of Comparative and Integrative Biology Annual Meeting, Phoenix, Ariz. (\* indicates advisees)

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

Professor and Chairperson, Osteopathic Manipulative Medicine

Yao, S. (2022, March). *Osteopathic Considerations in Concussion Diagnosis and Treatment*. Invited Speaker for the Evening with the Fellow of American Academy of Osteopathy (FAAO)'s and Fellow of the American Osteopathic Academy of Sports Medicine (FAOASM)'s event for the American Academy of Osteopathy 2022 convocation, Orlando, Fla.

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

Associate Professor, Biomedical Sciences

Zhang, Y. (2022, April). *Stabilizing Cardiac Ryanodine Receptor with Dantrolene Prevents Binge Alcohol and Caffeine Induced Ventricular Tachyarrhythmias*. Poster presented at Heart Rhythm, San Francisco, Calif.

Chen, V., Choudhury, N., & Zhang, Y. (2022, April). *Caffeine Induces Spontaneous Ventricular Tachyarrhythmias and Bidirectional Ventricular Tachycardia: Increased Vulnerability with Aging*. Poster presented at Experimental Biology 2022, Philadelphia, Pa.



## III. HONOREES AND AWARDEES

### **Maria Alicia Carillo-Sepulveda, Ph.D.**

Associate Professor, Biomedical Sciences

**2022 John F. Perkins, Jr. Research Career Enhancement Award** from the American Physiological Society.

**2022 Kent Scientific Microsurgery Scholarship Award** for the Advanced Microvascular Surgery Training Course at the Department of Orthopedics Surgery at Columbia University, New York, N.Y.

**Judge Travel Award** to the 2022 Annual Biomedical Research Conference for Minoritized Scientists (ABRCMS), Anaheim, Calif.

**Mentor** of student winner 2022 Cardiovascular Disease Fellowship from the American Heart Association.

**Mentor** of student winner 2022 Endocrinology & Metabolism Section Award from the American Physiological Society to attend the APS Annual Meeting at Experimental Biology 2022 in Philadelphia, Pa.

**Mentor** of student winner 2022 Kidney Council New Investigator Award from the American Heart Association.

**Mentor** of student winner 2022 Hypertension New Investigator Travel Award from the American Heart Association.

### **Todd Cohen, M.D., FACC, FHRS**

Professor, Chief of Cardiology; Director of Medical Device Innovation

**2022 Long Island Herald Excellence in Healthcare Award.**

## **Viswanathan Rajagopalan, Ph.D.**

Associate Professor, Biomedical Sciences, NYITCOM at A-State

**Chair**, The Society for South Asian Heart Research Social Media Committee, 2022.

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

Associate Professor, Osteopathic Manipulative Medicine

**Awarded 2nd place – Original Research.** Than, S., Santos, L., Lin, X., Jung, M.K., & Terzella, M. (2022, March). *Effect of Physique on Medical Students' Perceived Physical Ability to Perform Osteopathic Manipulative Treatment (OMT)*. Poster presented at the American Academy of Osteopathy-Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association. Orlando, Fla.

**Awarded 3rd place – Original Research.** Lin, X., Than, S., Santos, L., Jung, M.K., & Terzella, M. (2022, March). *Effect of Medical School Experiences on Perceived Likelihood of Performing Osteopathic Manipulative Treatment (OMT) in Future Practice*. Poster presented at the American Academy of Osteopathy-Louisa Burns Osteopathic Research Committee and the National Undergraduate Fellows Association. Orlando, FL

## **Akinobu Watanabe, Ph.D.**

Assistant Professor, Anatomy

**2022 W.M. Cobb Award in Morphological Sciences** from the American Association for Anatomy.

## IV. GRANT RECIPIENTS— EXTERNALLY SPONSORED

### **Maria Alicia Carillo-Sepulveda, Ph.D.**

Associate Professor, Biomedical Sciences

PPAR gamma deacetylation: a potential therapeutic target to treat diabetic vascular complications. Diabetes Action Research and Education Foundation Grant No. 503. Project Period 01/01/2022-12/31/2022.

### **Satoru Kobayashi, Ph.D.**

Assistant Professor, Biomedical Sciences

Deciphering the role of lysosomal membrane permeabilization in Diabetic Cardiac Injury. National Institutes of Health. Academic Research Enhancement Award (Parent R15), Award No. 1R15HL161737-01. Project Period 02/15/2022-01/31/2025.

### **Viswanathan Rajagopalan, Ph.D.**

Associate Professor, Biomedical Sciences, NYITCOM at A-State

Fleming, Robert (PI): Acquisition of a Nanoindenter for Materials Science and Biomaterials Research. National Science Foundation. Grant No. 2214855. Project Period 09/01/2022—08/31/2023 (estimated).

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

Associate Professor, Biomedical Sciences

Shockwave Medical Corporate Research Project. Project Period October 1, 2022 -September 30, 2023.

## V. GRANT RECIPIENTS— INTERNALLY SPONSORED

### **Joanne Donoghue, M.S., Ph.D., RCEP**

Associate Professor, Director, Clinical Research

Energy Expenditure as a Result of Wearing a Mask.  
Co-Principal Investigator. ISRC Grant.

### **Randy Stout, Ph.D.**

Associate Professor, Biomedical Sciences

Developing a Wearable Sensor Technology to Investigate the Effect of Virtual-Reality Based Therapy on the Hand Motion and the Related Brain Functioning of Autistic Children.  
Co-Principal Investigator. ISRC Grant.

### **Jordan Keys, D.O.**

Associate Professor, Osteopathic Manipulative Medicine

Effects of Osteopathic Manipulative Treatment on Insulin Sensitivity and Diabetes.  
Principal Investigator. NYITCOM In-House Grant Program.

# SCHOOL OF ARCHITECTURE & DESIGN

# I. AUTHORS

## **Robert Cody, B.ARCH., AIA, NCARB, LEED AP**

Teaching Associate Professor, Architecture

Cody, R., & Amoia, A. (2022). *Alvar Aalto and the Future of Architecture*. Routledge. doi: 10.4324/9781003160571.

## **Farzana Gandhi, M.ARCH., AIA, LEED AP**

Associate Professor, Architecture

Gandhi, F. (2022, March 3). Interview with UIC Master's News from the Master of International Cooperation Sustainable Emergency Architecture at Universitat Internacional de Catalunya School of Architecture in Barcelona, Spain. Retrieved from [masteremergencyarchitecture.uic.es/2022/03/03/interview-with-farzana-gandhi](https://masteremergencyarchitecture.uic.es/2022/03/03/interview-with-farzana-gandhi)

## **Dongsei Kim, M.Des., RA, ANZIA**

Assistant Professor, Architecture

Kim, D. (2022). *Drawing Hwa-Chaeng: Mapping Contested Territories for Imagination*. Seoul: jeongye-c-publishers.

Kim, D. (2022). 533 Places: Tracing the Forgotten Places in the Demilitarized Zone (DMZ) published in *The Blog of International Institute for Asian Studies (IIAS)*, based at Leiden University in the Netherlands, on May 4, 2022.

## **Christian Pongratz, M.ARCH.**

Professor, Architecture; Director, M.S. Health & Design

Perbellini, M.R., Pongratz, C.R. (2022). Resilient Design\_education. In: Carta, M., Perbellini, M.R., Lara-Hernandez, J.A. (Eds.) *Resilient Communities and the Peccioli Charter* (pp. 147-159). Springer, Cham. doi: 10.1007/978-3-030-85847-6\_16.

Pongratz, C.R., Lawer, C. (2022). Design + Health: The Open City Paradigm. In: Carta, M., Perbellini, M.R., Lara-Hernandez, J.A. (Eds.) *Resilient Communities and the Peccioli Charter* (pp. 1-16) Springer, Cham. doi: 10.1007/978-3-030-85847-6\_1.

Perbellini, M., Pongratz C. (Eds.) (2022). *Heliopolis 21. Architecture: between Nature and Artifact*. Skira. ISBN: 885724563

**Jeanette Sordi, Ph.D.**

Adjunct Associate Professor

Vera, F., Doherty-Bigara, J., Patiño, S., Sordi, J. *Ecological Design, Strategies for the Vulnerable City. Green Urban Infrastructure and Public Space in Latin America and the Caribbean* (2022). IDB Inter-American Development Bank. doi:10.18235/0004388.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

### **Robert Cody, B.ARCH., AIA, NCARB, LEED AP**

Teaching Associate Professor, Architecture

Cody, R. (2022, September) *The Future of Architectural Education and Licensure*. Invited Panelist at National Council of Architecture Registration Boards' (NCARB) Region 2 Student/Educator/Practitioner (SEP) Symposium: From Theory to Practice with Principle, University of Virginia, Charlottesville, Va.

Cody, R. (2022, August). *Green Density Zoning*. Invited Speaker at Post-American World: Toward Planetary Governance Symposium, Amplifier, PS122 Gallery, New York, N.Y.

Cody, R. (2022, June). *Urban Adaptation for Resilience and Equitable Open Space*. Invited Speaker at the 16th Annual NYIT Energy Conference: Climate Adaptation and Resilience, Virtual.

### **Farzana Gandhi, M.ARCH., AIA, LEED AP**

Associate Professor, Architecture

Gandhi, F. (2022, September). *Designing for Disaster*. Invited Speaker at Pratt Institute School of Design, Brooklyn, N.Y.

Gandhi, F. (2022, June). *Backyard Tourism*. Invited Speaker at Van Alen Institute, New York, N.Y.

Gandhi, F. (2022, June). *Civic Engagement + Advocacy*. Invited Speaker at American Institute of Architects NY Center for Architecture, New York, N.Y.

Gandhi, F. (2022, May). *Nature Based Solutions and Recommendations*. Invited International Guest Advisor and Speaker at Technical University of Munich, Munich, Germany.

Gandhi, F. and Grunbaum, M. (2022, April). *People, Community and Place*. Invited Guest Speakers at University of Virginia School of Architecture, Charlottesville, Va.

Gandhi, F. (2022, March). *City of Citizens*. Invited International Guest Speaker at Institute for Advanced Architecture of Catalonia, Barcelona, Spain.



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Gandhi, F. (2022, February). *Building Projects | Building Capacity*. Invited International Guest Speaker at Universitat Internacional de Catalunya School of Architecture, Barcelona, Spain.

Gandhi, F. (2022, January). *Building Projects | Building Capacity*. Invited International Guest Speaker at IE University School of Architecture and Design, Segovia, Spain.

## **Dongsei Kim, M.Des., RA, ANZIA**

Assistant Professor, Architecture

Kim, D. (2022, June). *Redacting Borderlines: Imagining Unified Korea(s)*. Paper presented at the 7th Conference of the Asian Borderlands Research Network (ABRN): Borderland Futures, Technologies, Zones, Co-Existences, Seoul, Korea.

## III. HONOREES AND AWARDEES

**Evan Shieh, M.AUD., AIA**  
Adjunct Instructor, Architecture

**Honorable Mention Prize** (2022). Future of Highways, Street of Tomorrow Competition. Non-Architecture Competitions. Available at: [nonarchitecture.eu/2022/04/27/future-of-highways](https://nonarchitecture.eu/2022/04/27/future-of-highways)

## IV. DESIGNERS AND EXHIBITORS

### **Farzana Gandhi, M.ARCH., AIA, LEED AP**

Associate Professor, Architecture

**Exhibitor**, *Neighborhoods Now* Summit Exhibition at Van Alen Institute, Brooklyn, N.Y. October 2022.

### **Dongsei Kim, M.Des., RA, ANZIA**

Assistant Professor, Architecture

**Exhibitor**, *533 Places*. Experimental Landings Exhibition Pratt Institute's School of Architecture GAUD Outpost on Governors Island, New York City. July 8 - Sep 1, 2022.

### **Christian Pongratz, M.ARCH.**

Professor, Architecture; Director, M.S. Health & Design

Pongratz, C.R., Fadhil F., Pongratz Perbellini Architects. (2022). *Urban Climate Oasis, Marmomac Meets Academies* curated by Fallacara, G., Potenza, D. Marmomac, Verona, Italy. Sept. 27-30, 2022.

### **Drew Seskunas, M.ARCH.**

Adjunct Assistant Professor, Architecture

**Exhibitor**, Oca Reading Pavilion SAW.EARTH. [archdaily.com/993743/oca-reading-pavilion-saarth](http://archdaily.com/993743/oca-reading-pavilion-saarth). (Accessed: Jan. 16, 2023)

# V. GRANT RECIPIENTS— EXTERNALLY SPONSORED

**Evan Shieh, M.AUD., AIA**  
Adjunct Instructor, Architecture

University of Virginia Library 2022-2023 Course Enrichment Research Grant (2022).  
Available at: [news.library.virginia.edu/2022/05/11/congratulations-to-recipients-of-the-2022-23-course-enrichment-grants](https://news.library.virginia.edu/2022/05/11/congratulations-to-recipients-of-the-2022-23-course-enrichment-grants).

## VI. GRANT RECIPIENTS— INTERNALLY SPONSORED

**Pablo Lorenzo-Eiroa, Ph.D., CPAU, AIA, LEED AP, SCA**  
Associate Professor, Architecture; Director, M.S. Programs

Architecture of Information.  
Principal Investigator. ISRC Grant.

**Sung Park, M.F.A.**  
Assistant Professor, Chairperson, Digital Art & Design

Innovative Teaching Approach for Counselors-in-training Using the Virtual  
and Real World Metaverse Case Studies.  
Principal Investigator. TLT Grant.

**Tom Verebes, Ph.D.**  
Professor, Architecture

BEYOND the ENVELOPE: Practice-based Research at the Frontiers of  
Architectural Technology. Principal Investigator. ISRC Grant.

# COLLEGE OF ENGINEERING & COMPUTING SCIENCES

# I. AUTHORS

## **Reza Khalaj Amineh, Ph.D.**

Associate Professor, Electrical and Computer Engineering

Shah, M.B., Gao, Y., Ravan, M., and Amineh, R.K. (2022). Quantitative Defect Size Evaluation in Fluid-Carrying Nonmetallic Pipes. *IEEE Transactions on Microwave Theory and Techniques*, 70(8): 4071-4081. doi: 10.1109/TMTT.2022.3176904.

Xu, Y., Amineh, R.K., Dong, Z., Li, F., Kirton, K., & Kohler, M. (2022). Software Defined Radio-Based Wireless Sensing System. *Sensors*, 22(17), 6455. doi: 3390/s22176455.

Byberi, A.K., Amineh, R., & Ravan, M. (2022). Wearable Inductive Sensing of the Arm Joint: Comparison of Three Sensing Configurations. *Magnetism*, 2(3), 195-210. doi: 10.3390/magnetism2030015.

## **Houwei Cao, Ph.D.**

Associate Professor, Computer Science

Mei, L., Gou, J., Cai, Y., Cao, H., & Liu, Y., (2022). Realtime Mobile Bandwidth and Handoff Predictions in 4G/5G Networks, *Computer Networks Journal*, vol. 204. doi:10.1016/j.comnet.2021.108736.

Yang, Z., Nayan, K., Fan, Z., Cao, H. (2022), Multimodal Emotion Recognition with Surgical and Fabric Masks, ICASSP 2022 - 2022 IEEE International Conference on Acoustics, Speech and Signal Processing (ICASSP), Singapore, Singapore, 4678-4682. doi:10.1109/ICASSP43922.2022.9746414.

Zong, T., Li, C., Lei, Y., Li, G., Cao, H., & Liu, Y., (2022), Cocktail edge caching: Ride dynamic trends of content popularity with ensemble learning, *IEEE/ACM Transactions on Networking*, 31(1) (pp. 208-219). doi: 10.1109/TNET.2022.3193680.

Rajagopalan, V., & Cao, H. (2022). Cardiovascular Applications of Artificial Intelligence in Research, Diagnosis, and Disease Management. In Segall, R. & Niu, G. (Eds.), *Biomedical and Business Applications Using Artificial Neural Networks and Machine Learning* (pp. 80-127). IGI Global. doi:10.4018/978-1-7998-8455-2.ch004.

## **Batu Chalise, Ph.D.**

Assistant Professor, Electrical and Computer Engineering

Chalise, B.K., Wong, D.M., Amin, M.G., Martone, A.F., & Kirk, B.H. (2022). Detection, Mode Selection, and Parameter Estimation in Distributed Radar Networks: Algorithms and Implementation Challenges. *IEEE Aerospace and Electronic Systems Magazine*, 37(11): 4-22. doi: 10.1109/MAES.2022.3205568.

Eedara, I.P., Amin, M.G., Hoorfar, A. & Chalise, B.K. (2022). Dual-Function Frequency-Hopping MIMO Radar System With CSK Signaling. *IEEE Transactions on Aerospace and Electronic Systems Magazine*, 58(3):1501-1513. doi: 10.1109/TAES.2021.3139445.

Chalise, B.K., Amin, M.G., Martone, A., Kirk, B., & Sherbondy, K. (2022). Optimum Hybrid MVDR Beamformer With Sparse Signal Recovery Approach. *2022 IEEE Radar Conference (RadarConf22)*, pp. 1-6. doi: 10.1109/RadarConf2248738.2022.9764295.

Wong, D.M., Chalise, B.K., Martone, A. & Kirk, B. (2022). Distributed Radar Network Implementation Using Software Defined Radio. Paper presented at *2022 IEEE Long Island Systems, Applications and Technology Conference (LISAT)*, pp. 1-6. doi: 10.1109/LISAT50122.2022.9924078.

Hamza, S.A., Amin, M.G., & Chalise, B.K. (2022). Phase-Only Reconfigurable Sparse Array Beamforming Using Deep Learning. ICASSP 2022 - 2022 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP). (pp. 4913-4917) doi: 10.1109/ICASSP43922.2022.9746030.

## **Ziqian (Cecilia) Dong, Ph.D.**

Professor, Electrical and Computer Engineering

Xu, Y., Amineh, R.K., Dong, Z., Li, F., Kirton, K., & Kohler, M. (2022). Software Defined Radio-Based Wireless Sensing System. *Sensors* 2022, 22(17), 6455. doi: 3390/s22176455.

Shen, K., Shivgan, R., Medina, J., Dong, Z., & Rojas-Cessa, R. (2022). Multidepot Drone Path Planning With Collision Avoidance. *IEEE Internet of Things Journal*, 9(17):16297-16307. doi: 10.1109/JIOT.2022.3151791.

Roy, J., Suresh, S., Elsayed, M., Rocca, R., Dong, Z., Gu, H. & Artan, N.S. (2022). Investigating the Effect of Machine Translation on Automated Classification of Toxic Comments. *2022 IEEE 19th International Conference on Mobile Ad Hoc and Smart Systems (MASS)*, pp. 764-769. doi: 10.1109/MASS56207.2022.00120.



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

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

Sassoon, J.C., Javan-Khoshkholgh, A., Behbodikhah, J., Dai, W., Alemu, S., Quadri, S., Singh, M., Savinova, O.V., & Farajidavar, A. (2022). Recording and Analysis of Slow Waves of the Small Intestine of Mice with Heart Failure. *Journal of Neurogastroenterology & Motility*, Dec. 8; e14514. doi: 10.1111/nmo.14514. Online ahead of print.

Javan-Khoshkholgh, A., & Farajidavar, A. (2022). Simultaneous Wireless Power and Data Transfer: Methods to Design Robust Medical Implants for Gastrointestinal Tract. *IEEE Journal of Electromagnetics, RF and Microwaves in Medicine and Biology (JERM)*, 6(1):3-15. doi: 10.1109/JERM.2021.3084516.

Taghadosi, H., Tabatabai Ghomsheh, F., Jafarnia Dabanloo, N., & Farajidavar, A. (2022). The Role of Potassium Channel Gates in the Electrophysiology of the Human Gastric Smooth Muscle Cell. *Gene Cell Tissue*, 2022; 9(4):e119450. doi:10.5812/gct.119450.

Alrofati, W., Javan-Khoshkholgh, A., Sassoon, J.C., Farajidavar, A. (2022). On-Chip Analysis of Gastric Slow Waves: Toward a Closed-Loop System for Managing Gastrointestinal Disorders. *Conf. Proc. IEEE MTT-S International Microwave Biomedical Conference (IMBioC)*. (1):311–314.

Syed, E., Coundouris, S., Javan-Khoskholgh, A., Stocker, A., Abell, T., & Farajidavar, A. (2022, May). System for Monitoring of Gastric Slow Waves and Delivering Electrical Stimulation, *Gastroenterology*, 162(7), S-1025-26.

## **Amin Milani Fard, Ph.D.**

Assistant Professor, Computer Science

Zhou, H., Milani Fard, A., Makanju, A. (2022). The State of Ethereum Smart Contracts Security: Vulnerabilities, Countermeasures, and Tool Support, *Journal of Cybersecurity and Privacy*, no. 2: 358-378. doi: 10.3390/jcp2020019.

Anbaee Farimani, S., Vafaei Jahan, M., Milani Fard, A., Tabbakh, R.K. (2022). Investigating the Informativeness of Technical Indicators and News Sentiment in Financial Market Price Prediction, *Knowledge-Based Systems*, 247:108742. doi: 10.1016/j.knosys.2022.108742.

Anbaee Farimani, S., Vafaei Jahan, M., & Milani Fard, A. (2022). From Text Representation to Financial Market Prediction: A Literature Review, *Information*, 13(10):466. doi: 10.3390/info13100466.

## **Huanying (Helen) Gu, Ph.D.**

Professor, Computer Science and Associate Dean, Research and Practice

Roy, J., Suresh, S., Elsayed, M., Rocca, R., Dong, Z., Gu, H. & Artan, N.S. (2022). Investigating the Effect of Machine Translation on Automated Classification of Toxic Comments. *2022 IEEE 19th International Conference on Mobile Ad Hoc and Smart Systems (MASS)*, pp. 764-769. doi: 10.1109/MASS56207.2022.00120.

## **Azhar Ilyas, Ph.D.**

Assistant Professor, Electrical and Computer Engineering

Tharakan, S., Faqah, O., Asghar, W., & Ilyas, A. (2022). Microfluidic Devices for HIV Diagnosis and Monitoring at Point of Care (POC) Settings. *Biosensors*, 12(11), 949. doi: 10.3390/bios12110949.

Tharakan, S., Khondkar, S., Lee, S., Ahn, S., Mathew, C., Gresita, A., Hadjiargyrou, M., & Ilyas, A. (2022). 3D Printed Osteoblast–Alginate/Collagen Hydrogels Promote Survival, Proliferation and Mineralization at Low Doses of Strontium Calcium Polyphosphate. *Pharmaceutics*, 15(1), 11. MDPI AG. doi: 10.3390/pharmaceutics15010011.

Khondkar, S., Tharakan, S., Badran, A., Hadjiargyrou, M., & Ilyas, A. (2022). Controlled Biodegradation and Swelling of Strontium-doped Alginate/Collagen Scaffolds for Bone Tissue Engineering. *2022 44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC)*, 1561-1564. doi: 10.1109/EMBC48229.2022.9871871.

Syed, A., Baghaie, A., & Ilyas, A. (2022). Automated Image Processing Based 3D Printed Scaffolds for Critical Size Bone Fracture Treatment. *IEEE Long Island Systems, Applications, and Technology (LISAT)*. 1-6. doi: 10.1109/LISAT50122.2022.9924121.

## **Ehsan Kamel, Ph.D.**

Assistant Professor, Energy Management

Kamel, E. (2022). A Systematic Literature Review of Physics-Based Urban Building Energy Modeling (UBEM) Tools, Data Sources, and Challenges for Energy Conservation. *Energies*, 15(22), 8649. MDPI AG. doi:10.3390/en15228649.

## **Sandra Kopecky, M.S.**

Adjunct Instructor

Kopecky, S. & Dwyer, C. (2022) Nature-inspired Metaheuristic Effectiveness Used in Phishing Intrusion Detection Systems with Firefly Algorithm Techniques. *2022 International Conference on Electrical, Computer and Energy Technologies (ICECET)*, pp. 1-7. doi: 10.1109/ICECET55527.2022.9872723.

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

Associate Professor, Mechanical Engineering

Xu, Y., Amineh, R.K., Dong, Z., Li, F., Kirton, K., & Kohler, M. (2022). Software Defined Radio-Based Wireless Sensing System. *Sensors*, 22(17), 6455. doi: 3390/s22176455.

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

Associate Professor, Computer Science

Wu, L., Hu, Y., Zhang, K., Li, W., Xu, X., & Chang, W. (2022). FLAM-PUF: A Response–Feedback-Based Lightweight Anti-Machine-Learning-Attack PUF. *IEEE Transactions on Computer-Aided Design of Integrated Circuits and Systems*, 41(11):4433-4444. doi: 10.1109/TCAD.2022.3197696.

Lin, J., Wei, Y., Li, W., Long, J. (2022). Intrusion Detection System Based on Deep Neural Network and Incremental Learning for In-Vehicle CAN Networks. In: Wang, G., Choo, K.K.R., Ko, R.K.L., Xu, Y., Crispo, B. (Eds.), *Ubiquitous Security. UbiSec 2021. Communications in Computer and Information Science*, vol. 1557. Springer, Singapore. doi:10.1007/978-981-19-0468-4\_19.

## **Maryam Ravan, Ph.D.**

Assistant Professor, Electrical and Computer Engineering

Shah, M. B., Gao, Y., Ravan, M., & Amineh, R.K. (2022). Quantitative Defect Size Evaluation in Fluid-Carrying Nonmetallic Pipes. *IEEE Transactions on Microwave Theory and Techniques*, 70(8): 4071-4081. doi: 10.1109/TMTT.2022.3176904.

Byberi, A., K., Amineh, R., & Ravan, M. (2022). Wearable Inductive Sensing of the Arm Joint: Comparison of Three Sensing Configurations. *Magnetism*, 2(3), 195-210. doi: 10.3390/magnetism2030015.

Noroozi, A., Ravan, M., Razavi, B., Fisher, R.S., Law, Y. & Hasan, M.S. (2022). A Robust eLORETA Technique for Localization of Brain Sources in the Presence of Forward Model Uncertainties. *IEEE Transactions on Biomedical Engineering*, 70(3): 800-811. doi: 10.1109/TBME.2022.3202751.

## **Joseph Sassoon**

Adjunct Instructor, Electrical and Computer Engineering

Sassoon, J.C., Javan-Khoshkholgh, A., Behbodikhah, J., Dai, W., Alemu, S., Quadri, S., Singh, M., Savinova, O.V., & Farajidavar, A. (2022). Recording and Analysis of Slow Waves of the Small Intestine of Mice with Heart Failure. *Journal of Neurogastroenterology & Motility*, Dec. 8; e14514. doi: 10.1111/nmo.14514. Online ahead of print.

## **N. Sertac Artan, Ph.D.**

Associate Professor, Electrical & Computer Engineering

Roy, J., Suresh, S., Elsayed, M., Rocca, R., Dong, Z., Gu, H. & Artan, N.S. (2022). Investigating the Effect of Machine Translation on Automated Classification of Toxic Comments. *2022 IEEE 19th International Conference on Mobile Ad Hoc and Smart Systems (MASS)*, pp. 764-769. doi: 10.1109/MASS56207.2022.00120.

## **Tao Zhang, Ph.D.**

Professor, Computer Science

Huang, W., Li, P., Li, B., Zhang, T. (2022). DMP: Content Delivery With Dynamic Movement Pattern in Vehicular Networks, *IEEE Transactions on Big Data*. 8 (5) pp. 1371-1386. doi: 10.1109/TBDATA.2021.3050777.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

### **Batu Chalise, Ph.D.**

Assistant Professor, Electrical and Computer Engineering

Chalise, B.K., Amin, M., Martone, A., & Kirk, B. (2022, October). *Effect of Communications Link Impairments on the Sparsity-based Distributed DoA Estimation*. Virtual Presentation at Asilomar Conference on Signals, Systems, and Computers, Pacific Grove, Calif.

Wong, D.M., Chalise, B.K., Martone, A. & Kirk, B. (2022, May). *Distributed Radar Network Implementation Using Software Defined Radio*. Paper presented at 2022 IEEE Long Island Systems, Applications, and Technology Conference (LISAT), Old Westbury, N.Y.

Hamza, S.A., Amin, M.G., & Chalise, B.K. (2022, May). *Phase-Only Reconfigurable Sparse Array Beamforming Using Deep Learning*. Paper presented at ICASSP 2022-2022 IEEE International Conference on Acoustics, Speech, and Signal Processing (ICASSP), Singapore, Singapore.

Chalise, B. K., Wong, D.M., Amin, M.G., Buehrer, R.M., Martone, A., Kirk, B., Sherbondy, K. (2022, March), *Sparsity-based Distributed DoA Estimation for Radar Networks*, Paper presented at 2022 IEEE Radar Conference (RadarConf22). New York City, N.Y.

Chalise, B.K., Amin, M.G., Martone, A., Kirk, B., & Sherbondy, K. (2022, March). *Optimum Hybrid MVDR Beamformer With Sparse Signal Recovery Approach*. Paper presented at 2022 IEEE Radar Conference (RadarConf22), New York City, N.Y.

### **Ziqian (Cecilia) Dong, Ph.D.**

Professor, Electrical and Computer Engineering

Roy, J., Suresh, S., Elsayed, M., Rocca, R., Dong, Z., Gu, H., Sertac Artan, N. (2022, October). *Investigating the Effect of Machine Translation on Automated Classification of Toxic Comments*. Eighth National Workshop for REU Research in Networking and Systems (REUNS 2022), Denver, Colo.

Kohler, M., Li, F., Dong, Z., Amineh, R.K. (2022, October). *Poly (3,4-ethylenedioxythiophene) (PEDOT)-Based Sensors for the Uptake and Detection of Nitrate Ions*. Biomedical Engineering Society (BMES) Annual Meeting, San Antonio, Texas.

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

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

Alrofati, W., Javan-Khoshkholgh, A., Sassoon, J.C., Farajidavar, A. (2022, May). *On-Chip Analysis of Gastric Slow Waves: Toward a Closed-Loop System for Managing Gastrointestinal Disorders*. IEEE MTT-S International Microwave Biomedical Conference (IMBioC), virtual.

Syed, E., Coundouris, S., Javan-Khoskholgh, A., Stocker, A., Abell, T., & Farajidavar, A. (2022, May). *System for Monitoring of Gastric Slow Waves and Delivering Electrical Stimulation*. Eposter at Digestive Disease Week (DDW), San Diego, Calif.

## **Huanying (Helen) Gu, Ph.D.**

Professor, Computer Science

Roy, J., Suresh, S., Elsayed, M., Rocca, R., Dong, Z., Gu, H., Sertac Artan, N. (2022, October). *Investigating the Effect of Machine Translation on Automated Classification of Toxic Comments*. Eighth National Workshop for REU Research in Networking and Systems (REUNS 2022), Denver, Colo.

Gu, H. (2022, September). *Implementation of a Comprehensive High-School-College Partnership and Equity-Based Curriculum in Engineering and Computer Science*. Poster presentation in the Financial and Academic Support To Retain and Advance Completion (FASTRAC) Program at the NSF/AAAS STEM Symposium, Washington, D.C.

## **Azhar Ilyas, Ph.D.**

Associate Professor, Electrical and Computer Engineering

Lee, S., Ahn, S., Mathew, C., Badran, A., Tharakan, S., Kohdakar, S., Hadjiargyrou, M., Ilyas, A. (2022, October). *Cytotoxicity of Strontium Calcium Polyphosphate on MC3T3-E1 Cells in 3D printed Alginate/Collagen Scaffolds*. Poster Presentation at the Materials Science & Technology Technical Meeting and Exhibition, Pittsburgh, Pa.

Tharakan, S., Lee, S., Ahn, S., Mathew, C., Hadjiargyrou, M., Ilyas, A. (2022, October). *Effect of Sr<sup>2+</sup> and Ca<sup>2+</sup> ions on 3D printed Beta Tricalcium-Phosphate/Alginate Composite Scaffolds for Bone Tissue Engineering*. Presentation at the Materials Science & Technology Technical Meeting and Exhibition, Pittsburgh, Pa.

Khondkar, S., Tharakan, S., Badran, A., Hadjiargyrou, M., & Ilyas, A. (2022, July). *Controlled Biodegradation and Swelling of Strontium-doped Alginate/Collagen Scaffolds for Bone Tissue Engineering*. Presentation at the 44th Annual International Conference of the IEEE Engineering in Medicine & Biology Society (EMBC), Glasgow, Scotland.

Syed, A., Baghaie, A., & Ilyas, A. (2022, May). *Automated Image Processing Based 3D Printed Scaffolds for Critical Size Bone Fracture Treatment*. IEEE Long Island Systems, Applications, and Technology (LISAT).

Tharakan, S., & Ilyas, A. (2022, April). *The Role of Strontium Calcium Polyphosphate on 3D Printed Alginate/Collagen Scaffolds with MC3T3-E1 Pre-osteoblasts for Bone Tissue Engineering*. The 2022 National Student Osteopathic Medical Association (SOMA) Research Symposium, Virtual Event.

Tharakan, S., & Ilyas, A. (2022, January). *Functional Use of Biological and Synthetic Biomaterials in Rotator Cuff Repair in Orthopedic Literature*. 16th International Conference on Tissue Engineering and Synthetic Biology (ICTESB), Virtual Event, Singapore.

## **Sandra Kopecky, M.S.**

Adjunct Instructor

Kopecky, S. & Dwyer, C. (2022, July). *Nature-inspired Metaheuristic Effectiveness Used in Phishing Intrusion Detection Systems with Firefly Algorithm Techniques*. 2022 International Conference on Electrical, Computer, and Energy Technologies (ICECET), Prague, Czech Republic.

## III. HONOREES AND AWARDEES

### **Ziqian (Cecilia) Dong, Ph.D.**

Professor, Electrical and Computer Engineering

**Best Paper Runner-up Award.** Roy, \*J., Suresh, \*S., Elsayed, \*M., Rocca, R., Dong, Z., Gu, H., & Sertac Artan, N. (2022, October). *Investigating the Effect of Machine Translation on Automated Classification of Toxic Comments*. The Eighth National Workshop for REU research in Networking and Systems (REUNS 2022), Denver, Colo.

### **Peter Goldsmith, MBA**

Senior Specialist, Industry Relations; Adjunct Assistant Professor

**Long Island Business News, Long Island Business Hall of Fame 2022.**



## IV. GRANT RECIPIENTS— EXTERNALLY SPONSORED

### **Batu Chalise, Ph.D.**

Assistant Professor, Electrical and Computer Engineering

Distributed Sensing, Estimation, and System Configurability in Cognitive Radar Network. Project Period: 11/2022-10/2023. Army Research Lab/Alion Science. Second Allocation.

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

Associate Professor, Mechanical Engineering

Li, F.: NYIT site PI. A Wireless, Thin-Film Surface Acoustic Wave (SAW) Sensor System for Rocket Propulsion Test Applications. With X-wave Innovations, Inc., NASA STTR. Project Period 07/25/2022 to 08/25/2023.

## V. GRANT RECIPIENTS— INTERNALLY SPONSORED

### **Reza Khalaj Amineh, Ph.D.**

Associate Professor, College of Engineering & Computing Sciences

Developing a Wearable Sensor Technology to Investigate the Effect of Virtual-Reality Based Therapy on the Hand Motion and the Related Brain Functioning of Autistic Children.

Co-Principal Investigator. ISRC Grant.

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

Associate Professor, Computer Science

PIN-pad Acoustic Fingerprinting Attacks: A Systematic Study Towards Effective Countermeasures.

Principal Investigator. ISRC Grant.

### **Houwei Cao, Ph.D.**

Associate Professor, Computer Science

Sequential Recommender System Based on Content Analysis and User Behavior Study.

Principal Investigator. ISRC Grant.

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

Associate Professor, Computer Science

PIN-pad Acoustic Fingerprinting Attacks: A Systematic Study Towards Effective Countermeasures.

Co-Principal Investigator. ISRC Grant.

### **Xueqing Huang, Ph.D.**

Assistant Professor, Computer Science

Advancing Cooperative In-vehicle Video Generation and Distribution.

Principal Investigator. ISRC Grant.

## **Ehsan Kamel, Ph.D.**

Assistant Professor, Energy Management

The impact of climate change on buildings energy use in Nassau County, Long Island in 2099 using urban-scale energy modeling and computer vision.  
Principal Investigator. ISRC Grant.

## **Sara Khanchi, Ph.D.**

Assistant Professor, Computer Science, Vancouver, B.C., Campus

Automatic Phishing Scoring in Emails.  
Principal Investigator. Vancouver NYIT Research Grant.

## **Tokunbo Makanju, Ph.D.**

Assistant Professor and Assistant Dean, Computer Science, Vancouver. B.C., Campus

The State of the Cybersecurity Job Market in Canada.  
Principal Investigator. NYIT-Vancouver Research Grant.

## **Amin Milani Fard, Ph.D.**

Assistant Professor, Computer Science, Vancouver. B.C., Campus

CodeSecure: A Vulnerability Detector IDE Tool Support.  
Principal Investigator. NYIT-Vancouver Research Grant.

## **Maryam Ravan, Ph.D.**

Assistant Professor, Electrical & Computer Engineering

Developing a Wearable Sensor Technology to Investigate the Effect of Virtual-Reality Based Therapy on the Hand Motion and the Related Brain Functioning of Autistic Children.  
Principal Investigator. ISRC Grant.

## **Anand Santhanakrishnan, Ph.D.**

Associate Professor, Electrical & Computer Engineering

A Neuroadaptive Approach to Improve Student Learning Outcomes Using Functional Near Infrared Spectroscopy.  
Co-Principal Investigator. ISRC Grant.

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## **N. Sertac Artan, Ph.D.**

Associate Professor, Electrical & Computer Engineering

A Neuroadaptive Approach to Improve Student Learning Outcomes Using  
Functional Near Infrared Spectroscopy.  
Principal Investigator. ISRC Grant.

# SCHOOL OF HEALTH PROFESSIONS

# I. AUTHORS

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

Adjunct Assistant Professor, Interdisciplinary Health Sciences

White-Ryan, L., Heyman, J.C., Kelly, P.L., Pardansani, M., Caprio, T.V., Wexler, S., Berman, J., Abramson, T. (2022). The Invisible Gap: Older Adults' Communication with Health Care Providers About Concomitant Use of Alcohol and Medications. *Gerontology & Geriatrics Education*, doi: 10.1080/02701960.2022.2138866.

## **Robert Gallagher, D.C., CSCS, ACSM EP-C, CCSP**

Clinical Associate Professor, Occupational Therapy

Gallagher, R.G., & Hamed, R. (2022). Benefits of Peer-Mentorship for Entry-Level Occupational Therapy Students: A Descriptive Study. *The Open Journal of Occupational Therapy*, 10(4), 1-10. doi:10.15453/2168-6408.1946.

## **Eric Greenberg, D.PT., PT, SCS, CSCS**

Associate Professor, Physical Therapy

Greenberg, E., Lawrence, J.T., & Ganley, T. (2022). Understanding Youth Athlete Motivation, Training, and Activity Progression During and After the COVID-19 Sports Interruption. *International Journal of Sports Physical Therapy*, 17(7), 1396-1403. doi:10.26603/001c.40372.

Greenberg, E.T., Garcia, M.C., Galante J., Werner, W.C. (2022). Acute changes in sagittal plane kinematics while wearing a novel belt device during treadmill running, *Sports Biomechanics*, 21:6, 718-730. doi: 10.1080/14763141.2019.1676462.

## **Mindy Haar, Ph.D., RDN, CDN, FAND**

Clinical Associate Professor and Chairperson, Interdisciplinary Health Sciences

Haar, M. & Hercman, R. (2022). Awkward topics: Discussing weight with your patients. *Physician Assistant Clinics*, 7(4) 589-598. doi.org/10.1016/j.cpha.2022.06.001.

## **Pamela Karp, Ed.D., OTR/L, CHT**

Assistant Professor, Chairperson, Occupational Therapy; Program Director, M.S.O.T.

Karp, P., & Block, P. (2022). Float to grow: nurturing the roots of socially inclusive and just practice in occupational therapy students. *Cadernos Brasileiros de Terapia Ocupacional*, 30, e3312. doi:10.1590/2526-8910.ctoRE253533122.

Karp, P., Lavin, K.A., & Collins, T. (2022) Exploring Fieldwork Educator Development: Preparation Methods and Support Tools. *Journal of Occupational Therapy Education*, 6 (1). doi:10.26681/jote.2022.060113.

## **Shinu Kuriakose, DHSc, PA-C**

Associate Professor, Physician Assistant Studies

Kuriakose, S., Timko-Swaim, L., Loscalzo, C., L'Eplattenier, M. (2022). Assessing the Effect of the COVID-19 Outbreak on Didactic Education and Mental Health of Physician Assistant Students in the New York City Region. *The Journal of Physician Assistant Education*, 33(3):216-221. doi: 10.1097/JPA.0000000000000450. Epub 2022 Jul 20. PMID: 35862636.

## **Kelly Lavin, OTD, OTR/L**

Clinical Assistant Professor, Occupational Therapy

Karp, P., Lavin, K.A., & Collins, T. (2022). Exploring Fieldwork Educator Development: Preparation Methods and Support Tools. *Journal of Occupational Therapy Education*, 6 (1). doi:10.26681/jote.2022.060113.

## **Lorraine Mongiello, Dr. PH, RDN, CDE, BC-ADM**

Associate Professor, Interdisciplinary Health Sciences

Mongiello, L.L. (2022). Carbohydrate counting primer for primary care providers. *Physician Assistant Clinics*, 7(4):655-663. doi:10.1016/j.cpha. 2022.06.007.

Mongiello, L.L. (2022). Medical nutrition therapy for glycemic control. *Physician Assistant Clinics*, 7(4):643-654.

**Jessica Varghese, Ph.D., RN**

Assistant Professor, Nursing

Joseph, M., & Varghese, J. (2022). The Impact of an International Outreach Trip on Undergraduate Students' Perspectives on Global Health and Future Practice. *Nursing Economics*, 40(1), 42-45.

**Corri Wolf, Ph.D., PA-C, R.D.**

Associate Professor, Physician Assistant Studies

Wolf, C., Steller R. (2022). Introduction to the Nutrients and Their Association with Common Gastrointestinal Disorders. *Physician Assistant Clinics*, 2022; 7(4), 599-613. doi:<https://doi.org/10.1016/j.cpha.2022.05.004>.

Wolf, C., Mandel, E., Peniuta, M., Lazure, P., Smith, N.E., Peterson, E.D., Péloquin, S. (2022). Do Physician Assistant Training Programs Adequately Prepare PAs to Address Nutritional Issues in Clinical Practice? *The Journal of Physician Assistant Education*, 33(2), 94-100. doi: 10.1097/JPA.0000000000000426



## II. PRESENTERS AT MEETINGS AND CONFERENCES

### **Shinu Kuriakose, DHSc, PA-C**

Associate Professor, Physician Assistant Studies

Kuriakose, S. (2022, October). *Do Clinical Providers' Accents Influence Patients' Perceptions of Competency?* Poster Presentation at the New York State Society of Physician Assistants. Saratoga Springs, N.Y.

### **Lorraine Mongiello, Dr. PH, RDN, CDE, BC-ADM**

Associate Professor, Interdisciplinary Health Sciences

Mongiello, L. (2022, October). *Diabetes and Obesity Prevention Policies.* Diabetes Care and Education Specialists Meeting, Old Westbury, N.Y.

Mongiello, L. (2022, March). *Advocating For Food Policy - What RDNs Need To Know.* Kentucky Academy of Nutrition & Dietetics Conference, Covington, KY.

Mongiello, L. (2022, February). *Counting Carbs - What Every PA Needs To Know.* We Are Family Medicine Conference, Austin, TX.

### **Jessica Varghese, Ph.D., RN**

Assistant Professor, Nursing

Varghese, J. & Joseph, M. (2022). *Developing Cultural Humility in Nursing Students.* Podium Presentation at the Eastern Nurses Research Society Scientific Session, Providence, R.I.

Varghese, J. (2022). *Cultural Intelligence and the Future Nursing Workforce.* Workshop Presentation at the American Nurses Association of New York Annual Conference, Niagara Falls, N.Y.

Varghese, J. (2022). *Cultivating Cultural Humility and Trauma Informed Care Practices through Global Experiences.* Aletheia Research Symposium, New York Institute of Technology, Old Westbury, N.Y.

## III. HONOREES AND AWARDEES

### **Beth Elenko, Ph.D.**

Associate Professor, Occupational Therapy

**Roster of Fellows, Early Intervention Leadership and Scholarship.** American Occupational Therapy Association.

### **Shinu Kuriakose, DHSc, PA-C**

Associate Professor, Physician Assistant Studies

**Competition Winner Clinical Study/Case Report.** Kuriakose, S. (2022, October). *Do Clinical Providers' Accents Influence Patients' Perceptions of Competency?* Poster Presentation at the New York State Society of Physician Assistants, Saratoga Springs, N.Y.

### **Jessica Varghese, Ph.D., RN**

Assistant Professor, Nursing

**Eleanore Molewski Mentoring Award** presented by the Nurses Association of the Counties of Long Island at the Annual Awards Brunch, New Hyde Park, N.Y.

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

**Jessica Varghese, Ph.D., RN**  
Assistant Professor, Nursing

Project Firstline Award from the American Nurses Association (ANA) and the Centers for Disease Control and Prevention (CDC).

## V. GRANT RECIPIENTS— INTERNALLY SPONSORED

### **Beth Elenko, Ph.D.**

Associate Professor, Occupational Therapy

Families' perspectives on coaching model of early intervention.  
Principal Investigator. ISRC Grant.

### **Christina Finn, Ed.D., OTR/L**

Associate Professor, Occupational Therapy

Examining the Effects of a Faculty Mental Health Training Program in Higher Education.  
Co-Principal Investigator. ISRC Grant.

### **Pamela Karp, Ed.D., OTR/L, CHT**

Assistant Professor, Chairperson, Occupational Therapy; Program Director, M.S.O.T.

Examining the Effects of a Faculty Mental Health Training Program in Higher Education.  
Principal Investigator. ISRC Grant.

### **Shinu Kuriakose, DHSc, PA-C**

Associate Professor, Physician Assistant Studies

Cognitive Behavioral Therapy App for Substance Abuse/Alcohol for Smart Phones.  
Principal Investigator. TLT Grant.

Examining the Effects of a Faculty Mental Health Training Program in Higher Education.  
Co-Principal Investigator. ISRC Grant.

**Alexander Lopez, J.D., OT/L, FAOTA**

Associate Professor, Occupational Therapy

Developing a Wearable Sensor Technology to Investigate the Effect of Virtual-Reality Based Therapy on the Hand Motion and the Related Brain Functioning of Autistic Children.

Co-Principal Investigator. ISRC Grant.

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

Associate Professor and Chairperson, Nursing

Examining the Effects of a Faculty Mental Health Training Program in Higher Education.

Co-Principal Investigator. ISRC Grant.

**Alexander Rothstein, M.S., CSCS, EP-C, FMS, USAW**

Instructor, Interdisciplinary Health Sciences

Energy Expenditure as a Result of Wearing a Mask.

Principal Investigator. ISRC Grant.

**Michael Tautonico, D.P.T., N.C.S,**

Assistant Professor, Physical Therapy

Safe Patient Handling and Mobility Bus.

Principal Investigator. TLT Grant.

# SCHOOL OF MANAGEMENT

# I. AUTHORS

## **Diamando Afxentiou, Ph.D.**

Professor, Accounting and Finance

Afxentiou, D., Harris, P., & Kutasovic, P. (2022). The COVID-19 Housing Boom: Is a 2007–2009-Type Crisis on the Horizon? *Journal of Risk and Financial Management*, 15(8), 371. MDPI AG. doi:10.3390/jrfm15080371.

## **Joshua Bienstock, J.D., L.L.M.**

Associate Professor, Human Resource Studies

Birasnav, M., Chaudhary, R., Dunne, J.H., Bienstock, J., & Seaman, C. (2022). Green supply chain management: A theoretical framework and research directions. *Computers & Industrial Engineering*, 172(A). doi: 10.1016/j.cie.2022.108441.

## **Peter Harris, MBA, CPA, CFA, CMA, CIA, CLU, CPCU, ARM, CFE, CVA, EA, CCIFP, AICPA CFF, AICPA ABV**

Professor, Accounting and Finance

Harris, P. (2022). PH Plumbing Inc.: A Long-Term Construction Case Study. *The Accounting Educators' Journal*, 32. Retrieved from <https://www.aejournal.com/ojs/index.php/aej/article/view/739>

Afxentiou, D., Harris, P., Kutasovic, P. (2022). The COVID-19 Housing Boom: Is a 2007–2009-Type Crisis on the Horizon? *Journal of Risk and Financial Management*, 15(8) 371. doi: 10.3390/jrfm15080371.

Harris, P., Jermakowicz, E.K., Epstein, B.J., (2022). Seeking Truly Global Financial Reporting Standards: Should U.S. Standards Setters Re-Engage with IFRS (and the IASB and ISSB)? *The CPA Journal*, January/February 2022. Retrieved from <https://www.cpajournal.com/2022/03/28/seeking-truly-global-financial-reporting-standards/>

Ananthanarayanan, U., Harris, P., Jalbert, T. (2022). A Case Study of Accounting Standards Codification 842 Lease Accounting. *Review of Business & Finance Studies*, 13(1) 47-62.

Kinkela, K. & Harris, P. (2022). COSO New Guidelines to Aid Internal Auditors for Implementing Artificial Intelligence. *Internal Auditing*, 37(1): 40-43.

Kinfemichael, B. & Harris, P. (2022) Inflation, COVID-19, and Internal Auditor Responsibility. *Internal Auditing*, 37(4): 7-12.

Mittal, R., & Harris, P. (2022). Data Analytics and Machine Learning in The Business World. *Internal Auditing*, 37(4): 38-41.

Harris, P., Manimoy, P., & Pal, S. (2022). Artificial Intelligence Family to Modern Business. *Internal Auditing*, 37(5):41-48.

Harris, P. & Hatjygeorge, M. (2022). An Overview of Construction Bonds. *Construction Accounting and Taxation*, 32(3):20-25.

Harris, P. & Suh, J. (2022). Using Power Query to Analyze Industry Trends. *Internal Auditing*, 37(6):39-42.

Wilburn, K. & Harris, P. (2022). Environmental, Social, and Governance Reporting Requirements. *Internal Auditing*, 37(2): 37-41.

Ganatasala, P. & Harris, P. (2022). Strategic Intent, Data Analytics, and Intellectual Capital. *Internal Auditing*, 37(3): 38-41.

Harris, P. & Hatygeorge, M. (2022). An Overview of Construction Bonds. *The Journal of Construction Accounting and Taxation*, 32(3).

Harper, J. & Harris, P. (2022). Activity-Costing from a Construction Financial Professional's Perspective. *The Journal of Construction Accounting and Taxation*, 32(5): 18-23.

## **Xueting Jiang, Ph.D.**

Associate Professor, Management & Marketing Studies

Jiang, X., Calas, M., & English, A.S. (2022). Constructing the “self”? Constructing the “place”? A critical exploration of self-initiated expatriation in China. *Journal of Global Mobility*, 10(3), pp. 416-439. doi:10.1108/JGM-06-2021-0064.

Powell, G.N., Butterfield, D.A., & Jiang, X. (2022). Gender, diversity, and the 2020 U.S. presidential election: towards an androgynous presidential profile? *Gender in Management*, 37(7): 785-800. doi:10.1108/GM-06-2021-0182.



## **Colleen Kirk, DPS**

Associate Professor, Management & Marketing Studies

Kirk, C.P., Peck, J., Hart, C.M., & Sedikides, C. (2022). Just My Luck: Narcissistic Admiration and Rivalry Differentially Predict Word of Mouth about Promotional Games. *Journal of Business Research*, 150, 374–388. doi: 10.1016/j.jbusres.2022.06.004.

Rifkin, L.S., Corus, C., Kirk, C.P. (2022). The Reputation Economy: A Tale as Old as Time or a New Paradigm? In Hanlon, A. & Tuten, T. (Eds.), *SAGE Handbook of Digital Marketing and Social Media*. Sage Publishing.

## **Cristina Seaman, D.M.**

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Birasnav, M., Chaudhary, R., Dunne, J.H., Bienstock, J., & Seaman, C. (2022). Green Supply Chain Management: A Theoretical Framework and Research Directions. *Computers & Industrial Engineering*, 172(Part A). <https://doi.org/10.1016/j.cie.2022.108441>.

## **Shaya Sheikh, Ph.D.**

Associate Professor, Management and Marketing Studies

Jabbari, M., Sheikh, S., Rabiee, M., & Oztekin, A. (2022). A collaborative decision support system for multi-criteria automatic clustering. *Decision Support Systems*, Volume 153, February 2022, 113671. doi: 10.1016/j.dss.2021.113671.

Sheikh, S., Rabiee M., Nasr, N., & Oztekin, A. (2022). An integrated decision support system for multi-target forecasting: A case study of energy load prediction for a solar-powered residential house. *Computers and Industrial Engineering*, Volume 166, Issue C April 2022. doi: 10.1016/j.cie.2022.107966.

Naseri, A., Kayvanfar, V., Sheikh, S., & Werner F. (2022). Social Media's Role in Achieving Marketing Goals in Iran During the COVID-19 Pandemic. *Social Sciences*, 11(11), 512. doi:10.3390/socsci11110512.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

### **Joshua Bienstock, J.D., L.L.M.**

Associate Professor, Human Resource Studies

Bienstock, J.E. & Muthreraj, B. (2022, October). *Supply Chain Disruptions Threaten Western Civilization: Can Interest-Based Conflict Resolution Be the Answer to Managing the Risks of Disruption?* Presenter and Chair. IABE-2022 New York Conference, New York, N.Y.

Bienstock, J.E., Gantasala, S.B., Gantasala, V.P., Gantasala, S.A., Thompson, N., Strissel, A., and Hanson, H. (2022, October). *As Students Return to the Classroom as the COVID-19 Pandemic Recedes, Their Interpersonal Skills Are Rusty and In Need Brushing Up: We Propose a Study to Evaluate Those Needs.* Presenter. IABE-2022 New York Conference, New York, N.Y.

Bienstock, J.E., Petraro, V.L, Brown, A.L., Schwartz, E., Baez, S., Ninehan, W., LaPerla, J., Seaman, C. and Broedje, U. (2022, October). *Managing the Risk of Employee Lawsuits by Implementing an External Mediation Process to Address Their Grievances.* IABE-2022 New York Conference, New York, N.Y.

### **Deborah Y. Cohn, Ph.D.**

Interim Dean, School of Management, Professor, Management and Marketing Studies

Cohn, D.Y. (2022, October 22). *Your Time to Shine at a Remote and In Person Conference.* Presenter and Conference Chair. IABE-2022 New York Conference, New York, N.Y.

Cohn, D.Y. (2022, October 14). *Special Keynote Address.* International Case Conference–2022: Redefining Pedagogy, sponsored by the All India Council for Technical Education. Acharya Bangalore B-School, Karnataka, India.

### **Petra F.A. Dilling, Ph.D., CPA, CGA**

Professor, Management and Marketing Studies, Vancouver. B.C., Campus

Dilling, P. & Caykoylu, S. (2022, December). *Stock market reaction to integrated reports.* Presentation at the International Conference on Sustainability, Environment, and Social Transition in Economics and Finance (SESTEF)- 2022, University of Paris Saclay, Gif-sur-Yvette, France.

## **Venugopal Prabhakar Gantasala, Ph.D.**

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Bienstock, J.E., Gantasala, S.B., Gantasala, V.P., Gantasala, S.A., Thompson, N., Strissel, A., and Hanson, H. (2022, October). *As Students Return to the Classroom as the COVID-19 Pandemic Recedes, Their Interpersonal Skills Are Rusty and In Need Brushing Up: We Propose a Study to Evaluate Those Needs*. IABE-2022 New York Conference, New York, N.Y.

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Bienstock, J.E., Gantasala, S.B., Gantasala, V.P., Gantasala, S.A., Thompson, N., Strissel, A., and Hanson, H. (2022, October). *As Students Return to the Classroom as the COVID-19 Pandemic Recedes, Their Interpersonal Skills Are Rusty and In Need Brushing Up: We Propose a Study to Evaluate Those Needs*. IABE-2022 New York Conference, New York, N.Y.

## **Peter Harris, MBA, CPA, CFA, CMA, CIA, CLU, CPCU, ARM, CFE, CVA, EA, CCIFP, AICPA CFF, AICPA ABV**

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Granger, M. & Harris, P. (2022, October). *Non-GAAP Metrics and their Contribution to Market Efficiency*. Presented at IABE-2022 New York Conference, New York, N.Y.

Vlakancic, A. & Harris, P. (2022, October). *The Effect and Evolution of the Exchange Traded Funds (ETF) on the Financial Markets and Federal Tax Structure*. Presented at IABE-2022 New York Conference, New York, N.Y.

Nguyen, A. & Harris, P. (2022, October). *The Use of Technology to Combat Accounting Fraud*. Presented at IABE-2022 New York Conference, New York, N.Y.

Harris, P. (2022, October). Program Chair. IABE-2022 New York Conference, New York, N.Y.

Harris, P. (2022, May). *Long-Term Construction Revenue Recognition Case Study*. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, San Jose, Costa Rica.

Vlakancic, A., Harris P. (2022, May). *Overview of Mutual Funds*. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, San Jose, Costa Rica.

Afxentiou, D., Harris P., Kutasovic, P.R. (2022, May). *Housing: An Investment or a Social Good?* Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, San Jose, Costa Rica.

Humann, J., Harris, P., (2022, January). *Financial Analysis of Inventory Reporting: U.S. GAAP vs. IFRS*. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, Hawaii.

Harris, P. (2022, January). *Critiquing the United Nations Human Rights Home Council Report*. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, Hawaii.

Harris, P. (2022, January). *ASC 606 Case Study: Revenue Recognition for Long-Term Construction Contracts*. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, Hawaii.

## **Xueting Jiang, Ph.D.**

Associate Professor, Management & Marketing

Wu, Y., & Jiang, X. (2022, August). *Trust and followership: A qualitative study*. Paper presented virtually at the 82<sup>nd</sup> Annual Meeting of the Academy of Management, Seattle, Wash.

Jiang, X., Prokopovych, B., & DiStefano, G. (2022, June). *Leveraging a Lenient Category in Practicing Responsible Leadership: A Case Study*. Leadership Symposium, 28th Chef Culinary Conference, Amherst, Mass.

## **Colleen Kirk, DPS**

Associate Professor, Management & Marketing Studies

Rifkin, L., Corus, C., Kirk, C.P. (2022, October). *Psychological Contracts in the Sharing Economy: How Consumers Respond to Getting Reviewed*. Presentation at the Association for Consumer Research Annual Meeting, Denver, Colo.

Rifkin, L., Kirk, C.P. Corus, C. (2022, March). *Psychological Contracts in the Sharing Economy: The Role of Platform Design Policies when Consumers Get Reviewed*. Poster presentation at the Society for Consumer Psychology Annual Conference, Virtual.

## III. HONOREES AND AWARDEES

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**Editorial Advisory Board Member, *Review of Business and Finance Case Studies*.**

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**Editorial Advisory Board Member, *E-Leader International Journal*, Publication of the Chinese American Scholars Association.**

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**Contributing Editor, *Internal Auditing*.**

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ISSN: 1931-0269 (print), ISSN: 2157-0698 (online).

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ISSN: 1993-8233. Doi: 10.5897/AJBM.

**Best in Session Paper Award.** Harris, P. (2022, January). ASC 606 Case Study: Revenue Recognition for Long-Term Construction Contracts. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, Hawaii.

**Best in Session Paper Award.** Harris, P. (2022, January). *Critiquing the United Nations Human Rights Home Council Report*. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, Hawaii.

**Outstanding Research Paper Award.** Afxentiou, D., Harris P., Kutasovic, P.R. (2022, May) Housing: An Investment or a Social Good? Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, San Jose, Costa Rica.

**Outstanding Research Paper Award** Harris, P. (2022, May). *Long-Term Construction Revenue Recognition Case Study*. Presented at The Institute for Business and Finance Research Global Conference on Business and Finance, San Jose, Costa Rica.

## **Colleen Kirk, DPS**

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**Finalist for the 2021 American Marketing Association/Marketing Science Institute H. Paul Root Award** (announced March 2022) for contribution to the practice of marketing for Peck, J., Kirk, C. P., Luangrath, A.W., & Shu, S.B. (2022). Caring for the Commons: Using Psychological Ownership to Enhance Stewardship Behavior for Public Goods. *Journal of Marketing*, 85(2), 33-49. (Authors contributed equally.)

**Finalist for the 2021 American Marketing Association Shelby D. Hunt/Harold H. Maynard Award** (announced March 2022) for contribution to marketing theory for Peck, J., Kirk, C. P., Luangrath, A.W., & Shu, S.B. (2022). Caring for the Commons: Using Psychological Ownership to Enhance Stewardship Behavior for Public Goods. *Journal of Marketing*, 85(2), 33-49.

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Rebecchi, J. (Executive Producer), Cohn, D.Y. (Producer), & Chandaragga, P. (Producer). (2022). *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](https://www.nyit.edu/management/in_reality_lessons_from_leaders_and_entrepreneurs)

## V. GRANT RECIPIENTS— INTERNALLY SPONSORED

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Climate change reporting of Canadian companies.

Principal investigator. Vancouver Research Grant.

### **Xueting Jiang, Ph.D.**

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Summoning Compassion: A Case Study on Spirituality and Responsible Leadership in Sustainability Management.

Principal Investigator. ISRC Grant.

### **Colleen Kirk, DPS**

Associate Professor, Management & Marketing Studies

Blood, Sweat and Tears: How Consumers Perceive and Respond to the Legitimacy of Others' Psychological Ownership.

Principal Investigator. ISRC Grant.



# ADMINISTRATION

# I. AUTHORS

## **Evette Allen Moore, Ph.D.**

Assistant Dean, Diversity, Equity and Inclusion

Haynes, C., Stewart, S., Moore, E., L.A., Joseph, N.M., Patton, L.D. (2022). Intersectionality Methodology and the Black Women Committed to “Write-Us” Resistance. In Porter, C.J., Sulé, V.T., Croom, N.N., *Black Feminist Epistemology, Research, and Praxis* (pp. 71-78). Routledge.

## **Ron Goldberg, B.A.**

Web Content Editor, Digital Communications, Enrollment Management & Strategic Communications

Goldberg, R., *Boy with the Bullhorn: A Memoir and History of ACT UP*. New York, N.Y., Empire State Editions, Fordham University Press, 2022.

## **Diana Moronta, MSLIS**

Librarian III; Instruction and Technology Librarian

Brissett, A., & Moronta, D. (Eds.). (2022). *Practicing Social Justice in Libraries* (1st ed.). Routledge. doi.org/10.4324/9781003167174.

## II. PRESENTERS AT MEETINGS AND CONFERENCES

### **Francine Glazer, Ph.D.**

Associate Provost, Educational Innovation; Director, Center for Teaching and Learning

Glazer, F.S. (2022, November). *Leaders who Listen First: Crowdsourcing Insights for Listening Tours*. Presentation at Annual Conference of the Professional and Organizational Development (POD) Network in Higher Education, Seattle, Wash.

Glazer, F.S. (2022, November). *Re-imagining our Roles: An Emerging Framework for Educational Developer Professional Competencies*. Presented at the Annual Conference of the Professional and Organizational Development (POD) Network in Higher Education, Seattle, Wash.

## III. GRANT RECIPIENTS— EXTERNALLY SPONSORED

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AACU Community Action Grant: Mini Research Grant Award (MRGA): Supporting STEM-based HS Student Research. Project Period 5/1/2022-5/1/2023. Primary Investigator.

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