Stephanie J. Lunn
CURRICULUM VITAE

CURRENT POSITION

Assistant Professor   August 2022-Present
Florida International University   *Miami, FL*
School of Universal Computing Construction and Engineering Education (SUCCEED)
and the STEM Transformation Institute (STEM TI);
Knight Foundation School of Computing and Information Sciences (KFSCIS), Secondary Appointment
College of Engineering & Computing
Address: 10555 West Flagler Street, EC 2657
             Miami, Florida 33174
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Website: https://rubics.fiu.edu/

EDUCATION

Doctor of Philosophy, Computer Science   May 2021
Florida International University   *Miami, FL*
Dissertation: "Technical Interviews: Another Barrier to Broadening Participation in Computing?"
Advisor: Dr. Monique Ross

Master of Science, Computer Science   July 2020
Florida International University   *Miami, FL*

Bachelor of Science, Computer Science   December 2016
Florida International University   *Miami, FL*

Master of Science, Neuroscience   June 2012
University of Miami, Miller School of Medicine   *Miami, FL*
Thesis: "A Proinflammatory Role for Eph Receptors after Spinal Cord Injury"

Bachelor of Science, Neuroscience; Minor in Chemistry   May 2007
University of Miami   *Coral Gables, FL*
Honors Thesis: "TGF-β Signaling Pathway and Extracellular Matrix Modification Following Acute
                 Retinal Ischemia/Reperfusion Injury"

PROFESSIONAL AND RESEARCH EXPERIENCE

Postdoctoral Fellow   June 2021-August 2022
The Wallace H. Coulter Department of Biomedical Engineering   *Atlanta, GA*
Georgia Institute of Technology and Emory University School of Medicine

Research Associate   June 2020-July 2021
SageFox Consulting Group   *Amherst, MA*

Undergraduate and Graduate Research Assistant   May 2015-June 2021
Knight Foundation School of Computing and Information Sciences (KFSCIS)   *Miami, FL*
Florida International University (FIU)

Marketing Director   February 2014-May 2015
ScienceSavings.com   *Miami, FL*

Field Network Coordinator   November 2012-February 2014
Magellan Health Services   *Miami, FL*

Graduate Research Assistant   July 2007-June 2012
The Miami Project to Cure Paralysis, University of Miami (UM)   *Miami, FL*

PUBLICATIONS AND PRESENTATIONS (As Stephanie J. Glass and under Stephanie J. Lunn)

JOURNAL PUBLICATIONS (8):

[1] **Lunn, S.**, Marques Samary, M., Hambrusch, S., & Yadav, A. (2022). Forging a Path: Faculty Interviews on the Present and Future of Computer Science Education in the United States. *ACM Transactions on Computing Education (TOCE),* 22(4), 1-24. http://dx.doi.org/10.1145/3546581

[2] **Lunn, S. J.**, Bell-Huff, C. L., & Le Doux, J. M. (2022). Learning to Care: Faculty Perspectives on Developing Empathy and Inclusive Mindsets in Biomedical Engineering. *Journal of Biomedical Engineering Education*, 2(2), 123-140. https://doi.org/10.1007/s43683-022-00077-0

[3] **Lunn, S.**, Ross, M., Hazari, Z., Weiss, M. A., Georgiopoulos, M., & Christensen, K. (2021). How Do Educational Experiences Predict Computing Identity? *ACM Transactions on Computing Education (TOCE),* 22(2), 1-28. https://doi.org/10.1145/3470653

[4] Boustani, M., **Lunn, S.**, Visser, U., & Lisetti, C. (2021). Development, Feasibility, Acceptability, and Utility of an Expressive Speech-Enabled Digital Health Agent to Deliver Online, Brief Motivational Interviewing for Alcohol Misuse: Descriptive Study. *J Med Internet Res* 2021;23(9):e25837 doi: 10.2196/

[5] **Lunn, S.**, Zahedi, L., Ross, M. S., & Ohland, M. W. (2021). Exploration of Intersectionality and Computer Science Demographics: Understanding the Historical Context of Shifts in Participation. *ACM Transactions on Computing Education (TOCE),* 21(2), 1-30. https://dl.acm.org/doi/10.1145/3445985

[6] Shernoff, E., Frazier, S., Lisetti, C., Buche, C., **Lunn, S.**, Brown, C., Delmarre, A., Chou, T., Gabbard, J., & Morgan, E. (2018). Early Career Teacher Professional Development: Bridging Simulation Technology with Evidence-Based Behavior Management. *Journal of Technology and Teacher Education*, 26, no. 2. (2018); 299-326.

[7] Theus, M.H., Ricard, J., **Glass, S. J.,** Garcia, L., & Liebl, D.J. (2014, May). EphrinB3 blocks EphB3 dependence receptor functions to prevent cell death following traumatic brain injury. *Cell Death and Disease*, 5:e1207. https://doi.org/10.1038/cddis.2014.165

[8] Nelersa, C. M., Barreras, H., Runko, E., Ricard, J., Shi, Y., **Glass, S. J.,** Bixby, J. L., Lemmon, V.P., & Liebl, D. J. (2012, July), High-Content analysis of proapoptotic EphA4 dependence receptor functions using small-molecule libraries *Journal of biomolecular screening*, 17(6), 785-795. https://doi.org/10.1177/1087057112440880

CONFERENCE PROCEEDINGS (30):

(Graduate student advisee, **Best Paper Award Winner)

[1] Brewster, V., & **Lunn, S.J.** (2023, October). Virtual Hiring Managers: Student Perceptions and Agent Preferences. Accepted to the *2023 IEEE ASEE Frontiers in Education (FIE)*, College Station, Texas, USA**.**

[2] **Lunn, S. J.**, & Brewster, V. (2023, June). Virtual Interview Training: Perceptions and Performance using Digital Hiring Managers. In *Proceedings of the 2023 American Society of Engineering Education (ASEE) Conference & Exposition*, Baltimore, MD, USA.

[3] **Lunn, S. J.**, Bell-Huff, C., & Le Doux, J. (2023, June). Story-Driven Learning in Biomedical Engineering: Quantifying Empathy in the Context of Prompts and Perception. In *Proceedings of the 2023 American Society of Engineering Education (ASEE) Conference & Exposition*, Baltimore, MD, USA.

[4] Arunachalam, N., Weiss, M. A., Liu, J., Perez, A. M., Narasimhan, G., & **Lunn, S. J.** (2023, June). Software Guild: A Workshop to Introduce Women and Non-Binary Undergraduate Students from other Majors to Computing. In *Proceedings of the 2023 American Society of Engineering Education (ASEE) Conference & Exposition*, Baltimore, MD, USA.

[5] Zhu, J., **Lunn, S. J.**, & Ricco, G. (2023, June). Degree Attainment in Computing: Intersectional Switching Trends. In *Proceedings of the 2023 American Society of Engineering Education (ASEE) Conference & Exposition*, Baltimore, MD, USA.

[6] **Lunn*, S.**, Marques Samary*, M., & Peterfreund, A. Calling Upon the Community: Gathering Data on Programmatic and Academic Opportunities in Computing Education Research. In *Proceedings of ACM's 28th annual conference on Innovation and Technology in Computer Science Education (ITiCSE),* Turku, Finland. [Acceptance rate: 27%]

[7] **Lunn*, S. J.**, Marques Samary*, M., & Peterfreund, A. (2023, March). Research Experiences for Graduate Students (REGS) The Evolution of Computing Education Projects and Creation of a Virtual Community. In *Proceedings of the 54th ACM Technical Symposium on Computer Science Education (SIGCSE)*, Toronto, Canada, (pp. 701-707).

[8] Zhu, J., **Lunn, S. J.,** & Ross, M. (2023, March). Characterizing Women's Alternative Pathways to a Computing Career Using Content Analysis. In *Proceedings of the 54th ACM Technical Symposium on Computer Science Education (SIGCSE),* Toronto, Canada, (pp. 158-164).

[9] **Lunn, S.**, Bell-Huff, C., & Le Doux, J. (2022). Establishing a Rubric to Assess Students' Empathy Development Using Artifacts from Biomedical Engineering Courses. In *Proceedings of the 2022 IEEE Frontiers in Education (FIE)*, Uppsala, Sweden.

[10] **Lunn, S.**, & Bell-Huff, C. (2022). Considering Aspirations and Impact: Using Storytelling to Encourage Engineering Students to Reframe their Experiences. In *Proceedings of the 2022 IEEE Frontiers in Education (FIE)*, Uppsala, Sweden.

[11] **Lunn, S.**, & Bell-Huff, C. (2022, June). What Story Do You Want to Tell? Developing Empathy in Engineering Students through an Extra-Curricular Narrative Sharing Experience. In *Proceedings of the 2022 American Society of Engineering Education (ASEE) Conference & Exposition,* Minneapolis, MN, USA.

[12] **Lunn, S.**, Bell-Huff, C., & Le Doux, J. (2022, February). Cultivating Inclusivity: A Systematic Literature Review on Developing Empathy for Undergraduate Students in STEM Fields. In *Proceedings of the 2022 Collaborative Network for Engineering & Computer Diversity (CoNECD),* New Orleans, LA, USA.

[13] **Lunn, S.**, Zerbe, E., & Ross, M. (2022, February). Need for Change: How Interview Preparation and the Hiring Process in Computing can be made more Equitable. In *Proceedings of the 2022 Collaborative Network for Engineering & Computer Diversity (CoNECD),* New Orleans, LA, USA.

[14] **Lunn, S.**, Ross, M., & Liu, J. (2021, December). Cybersecurity Integration: Deploying Critical Infrastructure Security and Resilience Topics into the Undergraduate Curriculum. In *Proceedings of 2021 IEEE International Conference on Computational Science and Computational Intelligence (CSCI),* Virtual, (pp. 866-871). [Acceptance rate: 17%]

[15] **Lunn, S.**, & Ross, M. (2021, October). Methodology Matters: Employing Phenomenography to Investigate Experiences in Computing Fields and the Application of Theoretical Frameworks. In *Proceedings of 2021 IEEE Frontiers in Education (FIE) Conference,* Lincoln, NE, USA, (pp. 1-9).
**2021 Benjamin J Dasher Conference Best Paper Award

[16] **Lunn**, **S.**, & Ross, M. (2021, July). Unnecessary Hurdles: A Systematic Literature Review Examining the Hiring Process in Computing. In *Proceedings of the 17th International Conference on Frontiers in Education: Computer Science and Computer Engineering (FECS'21),* Las Vegas, NV, USA. [Acceptance rate: 17%]

[17] Marques Samary*, M., **Lunn***, **S.**, & Peterfreund, A. (2021, July). Collaborative Culture: Analyzing Global Trends in Computing Education. In *Proceedings of the 17th International Conference on Frontiers in Education: Computer Science and Computer Engineering (FECS'21),* Las Vegas, NV, USA. [Acceptance rate: 17%]

[18] Kargarmoakhar, M., **Lunn**, **S. J.**, Ross, M. S., Hazari, Z., Weiss, M., Georgiopoulos, M., Christensen, K. & Solis, T. (2021, July). Impact of Social and Programmatic Experiences on Students' Interest in Pursuing a Graduate Degree in a Computing Field. In *Proceedings of the Annual American Society for Engineering Education (ASEE) Conference & Exposition,* Virtual.

[19] **Lunn**, **S.**, & Ross, M. (2021, July). Cracks in the Foundation: Issues with Diversity and the Hiring Process in Computing Fields. In *Proceedings of the 2021 American Society for Engineering Education (ASEE) Conference & Exposition,* Virtual.

[20] **Lunn**, **S.**, Ross, M., Hazari, Z., Weiss, M. A., Christensen, K., Georgiopoulos, M., & Solis, T. (2021, July). Uneven Playing Field: Examining Preparation for Technical Interviews in Computing and the Role of Cultural Experiences. In *Proceedings of the 2021 American Society for Engineering Education (ASEE) Conference & Exposition,* Virtual.

[21] **Lunn, S.**, Ross, M., Hazari, Z., Weiss, M. A., Christensen, K., & Georgiopoulos, M. (2021, June). The Impact of Technical Interviews, and other Professional and Cultural Experiences on Students' Computing Identity. In proceedings of *ACM's 26th annual conference on Innovation and Technology in Computer Science Education (ITiCSE)*, Paderborn, Germany and Virtual. [Acceptance rate: 27%]

[22] **Lunn**, **S.**, & Ross, M. (2021, May). Ready to Work: Evaluating the Role of Community Cultural Wealth during the Hiring Process in Computing. In proceedings of the *IEEE Conference on Research in Equity and Sustained Participation in Engineering, Computing, and Technology (RESPECT),* Virtual. [Acceptance rate: 21%]

[23] **Lunn***, **S.**, Marques Samary*, M., & Peterfreund, A. (2021, March). Where is Computer Science Education Research Happening? In *Proceedings of the 52nd ACM Technical Symposium on Computer Science Education (SIGCSE),* Virtual. [Acceptance rate: 32%]

[24] Zahedi, L., Ebrahiminejad, H., Ross, M. S., Ohland, M. W., & **Lunn, S.J**. (2021, January). Multi-institution study of student demographics and stickiness of computing majors in the USA. In proceedings of the *Collaborative Network for Engineering and Computing Diversity (CoNECD),* Virtual.

[25] Kargarmoakhar, M., **Lunn, S.J.**, Zahedi, L., Ross, M. S., Hazari, Z., Weiss, M., Georgiopoulos, M., Christensen, K., & Solis, T. (2020, October). Understanding the experiences that contribute to the inclusion of underrepresented groups in computing. In *Proceedings of the 2020 IEEE Frontiers in Education (FIE)*, Virtual.

[26] **Lunn**, S. J., Zhu, J., & Ross, M. S. (2020, October). Utilizing Web Scraping and Natural Language Processing to Better Inform Pedagogical Practice. In *Proceedings of the 2020 IEEE Frontiers in Education (FIE)*, Virtual.

[27] Zahedi, L., **Lunn**, S.J., Pouyanfar, S., Ross, M. S., & Ohland, M. W. (2020, June). Leveraging machine learning techniques to analyze computing persistence in undergraduate programs. In *Proceedings of the 127th Annual American Society for Engineering Education (ASEE) Conference,* Virtual.

[28] Delamarre, A., **Lunn**, S., Buche, C., Shernoff, E., Frazier, S., & Lisetti, C. (2019, July). Interdisciplinary Collaboration and Establishment of Requirements for a 3D Interactive Virtual Training for Teachers. In *Proceedings of the 19th ACM International Conference on Intelligent Virtual Agents*, Paris, France, (pp. 185–187.)

[29] Delamarre, A.P., Buche, C., Polceanu, M., **Lunn**, S., Ruiz, G., Bolivar, S., Shernoff, E., & Lisetti, C. (2017, May). An Interactive Virtual Training (IVT) simulation for early career teachers to practice in 3D classrooms with student avatars. In *Proceedings of the Thirtieth International Flairs Conference*, Marco Island, FL, USA.

[30] Theus, M., **Glass**, **S. J.**, & Liebl, D. (2011, July). Neuroprotective effects of EphrinB3 following traumatic brain injury. In *Proceedings of the 29th Annual National Neurotrauma Symposium, National Neurotrauma Society*.

CONFERENCE AND SYMPOSIA TALKS AND WORKSHOPS (6):
[1] Bell-Huff, C., **Lunn, S.**, Simmons, R., Gipson, K., Trowbridge, A., & Hochgraf, C. (2022, February). Exploring LegaCs: A multi-institutional, story-driven experience for students. Workshop session at the *2022 Kern Entrepreneurial Engineering Network (KEEN) National Conference,* Virtual.

[2] Boustani, M. M., **Lunn, S.**, Polceanu, M., Visser, U., & Lisetti, C. (2021, November). Acceptability and feasibility of using an online digital health agent to deliver MI to treat alcohol abuse: Consumer Perspectives. Symposium presented at the *55th Annual Convention of the Association of Behavioral and Cognitive Therapies (ABCT),* Virtual.

[3] **Lunn**, S., Zahedi, L., Ross, M. S., & Ohland, M. W. (2021, March). Exploration of intersectionality and computer science demographics: Understanding the phenomena related to historical shifts. Presented at the *NSF Re-Enter STEM Through Emerging Technology (RESET) Conference,* Virtual.

[4] Boustani, M. M., **Lunn, S.**, Polceanu, M., & Lisetti, C. (2019, November). In A. L. Park (Chair) and S. Huey (Discussant). Increasing consumer engagement with computer-delivered behavioral interventions: Incorporating verbal reflections and non-verbal gestures to a digital health agent. Symposium presented at the *53rd Annual Convention of the Association of Behavioral and Cognitive Therapies (ABCT),* Atlanta, GA, USA.

[5] Boustani, M. M., Hazari, J., **Lunn, S.**, Polceanu, M., & Lisetti, C. (2019, November). In. J. Schreidar (Chair) and Schueller, S. (Discussant). Acceptability, feasibility, and usefulness of using a digital health agent to deliver MI to treat alcohol abuse: Clinician perspectives. Symposium presented at the *53rd Annual Convention of the Association of Behavioral and Cognitive Therapies (ABCT),* Atlanta, GA, USA.

[6] **Glass, S.J.,** Theus, M., Zhuang, Z., & Liebl, D. (2010, November). The pro-inflammatory role of Eph receptors following spinal cord injury. Nanosymposium presented at the *Annual Society for Neuroscience (SfN) Meeting,* San Diego, CA, USA.

INVITED TALKS (3):
[1] **Lunn, S.** (2023, August 1). Post-PhD Advice: Securing an Academic Position. *Florida International University*, STEM Transformation Institute Community Research Meetings: Miami, FL, USA.

[2] **Lunn, S.** (2023, January 20). Cohesion and Coupling: Approaches for Students Professional and Technical Development in Computing. *Florida International University*, KFSCIS Invited Lecture Series: Miami, FL, USA.

[3] **Lunn, S.** (2022, November 2). Aspirations and Attainment: Redefining the Narrative About the Computing Ecosystem. *Florida International University*, DBER Seminar Session: Miami, FL, USA.

POSTER PRESENTATIONS (11):
[1] Marques Samary*, M., **Lunn***, **S.**, & Peterfreund, A. Finding a Place: Exploration of International Options for Computing Education. *American Educational Research Association (AERA),* Chicago, IL, USA.

[2]   Zhu, J., **Lunn**, **S.** & Ross, M. (2022, August). Career Transitions: Exploration of Women's Trajectories into a Computing Role. In *Proceedings of the 2022 ACM Conference on International Computing Education Research V.2 (ICER '22), August 7–11, 2022,* Lugano and Virtual Event, Switzerland.

[3]   Zahedi, L., **Lunn**, **S.**, & Ross, M. (2020, September). A comparative analysis of machine learning techniques for predicting student persistence in computing programs. *Richard Tapia Celebration of Diversity in Computing*, Virtual.

[4]   **Lunn**, **S.**, & Lisetti, C. (2019, October). Manipulation of smile, gaze, and proximity for virtual agents during greetings on users' perceived immediacy. *SCIS Research Day*, *Florida International University,* Miami, FL, USA.

[5]   Shernoff, E., Gabbard, J., Lisetti, C., Brown, C., Delamarre, A., **Lunn**, **S.**, Liz, S., Bibi, Z., & White, M. (2018, February). Formative evaluation of interactive virtual training: A mixed-method study. *National Association of School Psychologists,* Chicago, IL, USA.

[6]   Shernoff, E., Walzer, A., Morgan, E., **Lunn**, **S.**, Lisetti, C., & Frazier, S. (2017, February). The development and refinement of interactive virtual training model (IVT). *National Association of School Psychologists,* San Antonio, TX, USA.

[7]   Chou, T., Shernoff, E., Sanchez, A., Frazier, S., Lisetti, C., **Lunn, S.**, & Brown, C. (2016, October). Iterative development in action: Building interactive virtual training for early career educators. *50th annual meeting of the Association for Behavioral and Cognitive Therapies SIG Poster Exposition,* New York City, NY, USA.

[8]   **Glass, S. J.,** Theus, M. H., Zhuang, Z., & Liebl, D. J. (2011, December). Eph receptors are involved in the pro-inflammatory response following spinal cord injury. *Neuroscience Research Day*, *University of Miami*, Miami, FL, USA.

[9]   **Glass, S. J.,** Theus, M. H., Zhuang, Z., & Liebl D. J. (2011, May). Eph receptors are involved in the pro-inflammatory response following spinal cord injury. *Immunology*, San Francisco, CA, USA.

[10] **Glass, S. J,** Theus, M. H., Zhuang, Z., & Liebl, D.J. (2010). The pro-inflammatory role of Eph receptors following spinal cord injury. *Society for Neuroscience*, San Diego, CA, USA.

[11] **Glass, S. J,** Wang, Y. L., Hernandez, E., Fini, M. E., & Bajenaru, M. L. (2008). TGF-β signaling pathway and extracellular matrix modification following retinal ischemia/reperfusion injury. *Association for Research in Vision and Ophthalmology (ARVO),* Fort Lauderdale, FL, USA.

FUNDED PROJECTS

Break Through Tech, Melinda Gates Pivotal Ventures, $6,477,091 Lead PI: Weiss, M.; Co-PIs: **Lunn, S. J**., Narasimhan, G., Ross, M. S., Liu, J. X.	2022-2026
2023 DHS SLA for Minority Serving Institutions (MSI): ADvanced education and research for Machine learning-driven critical Infrastructure REsilience (ADMIRE) Center, U.S. Department of Homeland Security, $1,000,000 Lead PI: Amini; H., co-PIs: **Lunn, S.,** Liu, J., Sun, R., Nguyen, C., Bobadilla, L., Reis, G. M.	2023-2027
2023 DHS Education and Workforce Training Modules for Artificial Intelligence in Criminal Activity Recognition: Computing and Criminology Perspectives, U.S. Department of Homeland Security, $99,500 Lead PI: Amini; H., co-PIs: **Lunn, S.,** Flexon, J.	2023-2024

PROFESSIONAL DEVELOPMENT

• VOCES Inclusive Teaching Summit, FIU	2023
• National Center for Faculty Development and Diversity Faculty Success Program	2023
• Journal of Engineering Education Mentored Reviewer Program	2022-2023
• Engineering Education Research Peer Reviewer Training (EER PERT) program for NSF proposal review	2022
• Hospitality Management & the Internet of Things certification, FIU Continuing, Professional, and Executive Education	2021

FELLOWSHIPS, SCHOLARSHIPS, AND AWARDS

• Provost LA Initiative Award for Spring 2023	2023

• 2021 Frontiers in Education Conference Benjamin J. Dasher Conference Best Paper Award for "Methodology Matters: Employing Phenomenography to Investigate Experiences in Computing Fields and the Application of Theoretical Frameworks."	2022
• Conference scholarship for the 2021 NSF RESET virtual conference	2021
• FIU SCIS Research Day poster presentation winner	2019
• Presidential Director's Fellowship (FIU) recipient	2017-2020
• Team winners of the FIU Global Game Jam (a game development hackathon)	2017
• Service Excellence Reward Program award, Magellan Health Services	2013
• Who's Who Among College Students in American Universities and Colleges for Graduate Students	2011
• University of Miami Fellowship recipient	2007-2010
• Lois Pope LIFE Fellows Award recipient	2007-2010
• Max Planck Institute: Research trainee exchange program; Martinsried, Germany	2010
• Florida Scholars recipient	2007-2008
• Research and Creativity Day Forum (UM) poster presentation winner	2007
• Florida Academic Scholars recipient	2003-2008
• Bowman Foster Ashe Scholarship recipient	2003-2007

TEACHING

• *EGS 6008: Foundations of Engineering and Computing Education* (FIU), SUCCEED Graduate course offered in the Fall 2022 and 2023 semesters	2022-2023
• Break Through Tech Guild (FIU and Miami Dade College) Presenter, Discussion Leader, and Facilitator: *Artificial Intelligence and Ethics*	2023
• *EGN6907: Independent Study* (FIU), SUCCEED Spring 2023- Nicolas Léger and Maimuna Begum Kali	2023
• *EGS 3060: Engineering Professional Development for a Global Society* (FIU), SUCCEED Undergraduate course offered in the Spring 2023 semester	2023
• Research Experience for Undergraduates (FIU), NSF Award #1845884 Presenter, Discussion Leader, and Facilitator: *Underrepresentation in CS* (2020); *Qualitative vs. Quantitative Research* (2020); *Qualitative Interviews* (2021)	2020-2021
• Undergraduate Teaching Assistant and Chemistry Workshop Leader University of Miami, Department of Chemistry	2006

MEMBERSHIPS, AFFILIATIONS, AND ROLES

National

• Association for Computing Machinery (ACM)	*since* 2020
• American Society for Engineering Education (ASEE)	*since* 2020
• The American Association of Immunologists	2011
• Society for Neuroscience	2010
• Association for Research in Vision and Ophthalmology	2008

Florida International University

• Computer Science Graduate Student Association, Communications Specialist	2017-2018
• Upsilon Pi Epsilon, Computer Science Honor Society	*since* 2016
• FIU STARS, Vice President and Evaluation Assistant	2015-2016

University of Miami

• Golden Key, National Honor Society, Fundraising Director	2005-2007
• Psi Chi, Psychology Honor Society	*since* 2005
• Alpha Lambda Delta, National Freshman Honor Society	*since* 2004

RESEARCH SUPERVISION AND MENTORING

Current PhD Students

- Ashmita Thapaliya (KFSCIS)   2023-Present
- Michael Robinson (SUCCEED)   2023-Present
- Nirmala Arunachalam (SUCCEED)   2022-Present
- Veon Brewster (SUCCEED)   2022-Present

Dissertation/Thesis Committee Membership
- Md Akib Zabed Khan, PhD student (KFSCIS), Advised by Dr. Agoritsa Polyzou   2023-Present
- Jasmine Batten, PhD student (KFSCIS), Advised by Dr. Monique Ross   2023-Present

Research Assistant
- Zubayer Ahmed Sadid, Undergraduate student (FIU), KFSCIS   2023-Present

Learning Assistant
- Roberto Navarro, Undergraduate student (FIU), Learning Assistant, EGS 3060   2023

Community Mentoring
- Break Through Tech Miami   *since* 2022
- TechTogether Miami, Hackathon Mentor   2022

PROFESSIONAL SERVICE

Session Moderator
- ASEE Annual Conference & Exposition   2022-2023
- IEEE Frontiers in Education (FIE) Conference   2022
- NSF Re-Enter STEM through Emerging Technology (RESET) Conference   2021

Peer-Reviewer
- IEEE Transactions on Education   2023
- Journal of Statistics and Data Science Education   2023
- Studies in Engineering Education Journal   2023
- Computer Science Education Journal   2023
- ASEE Conference & Exposition   2023
- Cogent Education Journal   2023
- ACM Conference on Innovation and Technology in Computer Science Education (ITiCSE)   2023
- Journal of Engineering Education (JEE)   2022-2023
- ACM Special Interest Group on Computer Science Education (SIGCSE) Conference   2021-2023
  IEEE FIE Conference   2020-2023
- ACM Transactions on Computing Education (TOCE) Journal   2022
- The Annual Conference on Research in Equity and Sustained Participation   2021-2022
  in Engineering, Computing, and Technology (RESPECT)
- IEEE Software Journal   2020

Community Events and Presentations
- Co-Presenter at the CSEd Grad July community session on   2021
  "CSEd Institutional Framework and Profiling"
  along with Drs. Maíra Marques Samary, Aman Yadav, Susanne E Hambrusch
- Volunteer Coordinator and Lecturer on "Stem Cell Research" at the   2010
  Miami Science Museum Brain Fair (a public, educational event)

COMMITTEE SERVICE AND LEADERSHIP
- Student Conduct and Academic Integrity Committee,   2023-Present
  Florida International University, Member
- Faculty and Staff Awards Committee,   2022-Present
  College of Engineering and Computing, Florida International University, Member

- Assessment Committee (ABET/SACS), SUCCEED,   2022-Present
  College of Engineering and Computing, Florida International University, Member
- IDE Undergraduate Program Committee, SUCCEED,   2022-Present
  College of Engineering and Computing, Florida International University, Member
- ECED Graduate Program Committee, SUCCEED,   2022-Present
  College of Engineering and Computing, Florida International University, Member
- Ad Hoc Committee on F&A Policies and Practices, STEM Transformation Institute,   2022-2023
  Florida International University, Member