Service Statement

Local

Committees. I have served on the Graduate Admissions Committee for Cognitive Science 2015-2016; the Undergraduate Committee for Cognitive Science 2017; the Colloquium Committee in the Neuroscience Program 2017-2018; and the Informatics Undergraduate Committee 2018-2019. I served in the Informatics Graduate Committee (2021-2022). I currently serve as the Chair of the Colloquium committee for the Cognitive Science Program (2022-present), I also serve in the Award Committee for the Neuroscience Program (2022-present), the Joint Appointment Committee for Informatics (2022-present) and the Peer Review Committee for Informatics (2022-present).

Recruitment. Across the Informatics, Cognitive Science, and Neuroscience Programs, I have participated in most recruitment events I have seen offered (including preparing "lightning talks" for graduate and undergraduate students and visitors to learn more about the work of faculty members in these programs).

Recommendation letters. I write, on average, about 4-5 recommendation letters per year for the undergraduate and graduate students who have interacted with me.

Outreach. I regularly participate in meetings organized by The Student Organization for Cognitive Science (SOCS) to discuss my research and my path to academia. I have taken part in a series of organized events to talk to Hispanic students on campus about career paths. I have mentored research projects for the Emerging Scholars Research Experience for Undergraduate Women in Science and Technology. I have also organized a Science Fest booth for students to learn about "building to understand."

International

Editorial Services. I am currently on the editorial board for the *Journal of Frontiers Robotics and AI*, *PLOS ONE*, and the *Journal of Adaptive Behavior*.

Journal Reviews. I have been serving as a reviewer for numerous scientific journals including: *Nature*, *eLife*, *Frontiers Robotics and AI*, *Frontiers Neuroscience*, *Frontiers in Computational Neuroscience*, *Scientific Reports*, *Frontiers Physics*, *Entropy Journal*, *Symmetry Journal*, *Network Neuroscience*, *Biological Cybernetics*, *Cognitive Systems Research*, *Journal of Neural Engineering*, *IEEE Transactions of Computational Biology and Bioinformatics*, *PLOS Computational Biology*, *PLOS ONE*, *Journal of Adaptive Behavior*, and *Neural Computation*.

Program Committees. I have been serving as a reviewer for several program committees conferences for the past three years, including: *Artificial Life Conference* and the *European Conference on Artificial Life*, the *Complex Systems Conference*, *The Genetic and Evolutionary Computation Conference*, *Cognitive Science Conference*; and workshops such as WNIP held as part of NIPS 2017.

Grant Review Panel. I have been invited to serve on a review panels for the NSF Robust Intelligence program once and three times to the review panel for the NSF Collaborative Research in Computational Neuroscience (CRCNS). I also served as a reviewer to grant proposals for the European Research Council in 2015.

NSF Workshop I was recently invited to lead the effort to host a workshop sponsored by the NSF to determine new directions for funding at the intersection between artificial intelligence, computational neuroscience, and invertebrate neurobiology. We have held two workshops so far. We currently received funding to organized a third workshop in Puerto Rico in 2023.

Conference Organization. I was the co-organizer for the *International Conference on Artificial Life* 2016 in Cancun. We edited a Special Issue published in the *Journal of Artificial Life*. I am again part of the organizing team of the same conference again for 2023 in Japan.