

Shivon Robinson, PhD, Assistant Professor, Williams College (Neuroscience 2016)



Dr. Shivon Robinson is an Assistant Professor in the Psychology Department at Williams College. She received her bachelor's degrees in Biology and Psychology from Williams College in 2011. She completed her graduate work in the lab of Irwin Lucki at the University of Pennsylvania and earned her doctorate in Neuroscience in 2016. Subsequently, she completed a NIH sponsored Institutional Research and Academic Career Development Award (IRACDA) postdoctoral fellowship in the lab of Julie Blendy, which combined a traditional mentored research experience with extensive training in college level teaching.

Sarah Rooney, PhD, (she/her), Associate Professor, University of Delaware (Bioengineering 2015)



Dr. Rooney is an Associate Professor of Biomedical Engineering at the University of Delaware. Her current scholarly activities are divided into three categories: 1) **Engineering education**: developing and assessing instructional methods to prepare the next generation of biomedical engineers. 2) **Diversity, equity, and inclusion**: recruitment of, retention of, and developing an inclusive environment for groups that are traditionally underrepresented in engineering, with emphasis on inclusive pedagogy. 3) **Engineering design and innovation**: designing solutions that address unmet clinical needs, in collaboration with engineering students and clinicians. Dr. Rooney's doctoral training focused on musculoskeletal injury mechanisms and the beneficial and detrimental adaptations of tissue

to load. In particular, she studied how muscle and tendon respond biologically and mechanically to exercise and the effects of the commonly used pharmaceuticals ibuprofen and doxycycline on these tissues.

Dr. Manuela Tripepi, PhD, (she/her/hers), Associate Professor, Thomas Jefferson University (Microbiology 2013)



Dr. Tripepi is an Associate Professor of Biology at Jefferson. Her research investigates how different organisms (from archaea to plants) respond to various stressors and the impact these stressors can have on their survival strategies. Currently she is investigating the effects of sub-optimal temperatures and UV light on the motility rate of *Haloferax volcanii*. Dr. Tripepi also focuses on curriculum development and pedagogy-oriented lines of research, which includes developing laboratory activities tailored to learning outcomes that help students successfully learn topics in biology. During the Covid-19 pandemic, in order to continue to offer undergraduate research experiences, she designed a COVID-friendly, adaptable protocol that aims to introduce students to the wildlife research opportunities surrounding their campus or home through direct observation and literature review. Student researchers learn the scientific method by getting first-hand experience with an original research project. Dr. Tripepi's curriculum activities have been published by the Journal of Microbiology and Biology Education.

Steven Wu, PhD, Assistant Professor, Carnegie Mellon University (Computer Science, 2017)



Dr. Wu is an Assistant Professor in the School of Computer Science at Carnegie Mellon University, with an appointment in the Institute for Software Research (in the Societal Computing program), and affiliated appointments with the Machine Learning Department and the Human-Computer Interaction Institute. He received a Ph.D. in Computer Science from the University of Pennsylvania, where he was co-advised by Michael Kearns and Aaron Roth. His doctoral dissertation received Penn's Morris and Dorothy Rubinoff Award for the best thesis. He is a recipient of an Amazon Research Award, a Google Faculty Research Award, a J.P. Morgan Faculty Award, a Facebook Research Award, and a Mozilla Research Grant. Before CMU, he was an Assistant Professor of Computer Science & Engineering at the University of Minnesota. Before that, he spent a year as a post-doctoral researcher at Microsoft Research-New York City in the Machine Learning and Algorithmic Economics groups.