

## **Rosamund Stone Zander Translational Neuroscience Center Selects Two Fellowship Awardees**

The Rosamund Stone Zander Translational Neuroscience Center (RSZ TNC) at Boston Children's Hospital is delighted to announce the selection of its first-ever post-doctoral fellowship awardees. The goal of the new RSZ TNC fellowship program is to develop the next generation of translational scientists focused on childhood brain disorders. Two exceptional candidates were selected, Wenkang An and Kristina Johnson, and each will have the opportunity to build translational research projects with the mentorship of leaders in the field at BCH. The fellowship training program will leverage the depth and breadth of the expertise within the RSZ TNC and BCH through mentorship by clinicians, basic scientists and industry and non-profit experts.



**Wenkang “Winko” An** recently completed his PhD in Electrical and Computer Engineering at Carnegie Mellon University. He is trained as an electrical and biomedical engineer with specializations in signal processing, machine learning and non-invasive neuroimaging methods. Dr. An's fellowship project will focus on using advanced EEG signal processing in children with ASD related disorders. His long-term career goal is to become an independent developmental neuroscientist/neuroengineer who studies the neural mechanism behind neurodevelopmental disorders through neurophysiological signals and develops diagnosis and treatment solutions using engineering concepts. Dr. An will be mentored by Drs. Charles Nelson and Carol Wilkinson from the Laboratories for Cognitive Neuroscience in the Department of Developmental Medicine.

**Kristina “Kristy” Teresa Johnson** is finishing her PhD in the MIT Media Lab this summer, where she works at the intersection of neuroscience, engineering, and autism in the laboratory of Dr. Rosalind Picard. Kristy's research experience includes multi-disciplinary techniques ranging from deep brain stimulation and fMRI neuroimaging to wearable biosensors and human-centered AI systems. Her fellowship project will focus on the integrated analysis of multi-modal data stemming from the Rare Disease Clinical Research Network Developmental Synaptopathies Consortium. Her long-term career goal is to accelerate research focused on improving the lives of individuals with complex neurodevelopmental differences, especially those who have few spoken words, genetic disorders, or intellectual disabilities. She will be mentored by Dr. Mustafa Sahin in the Department of Neurology and Kirby Neurobiology Center.



The RSZ TNC Fellowship Program will begin in the fall of 2021 and the fellows will join a cohort of individuals being trained as the next generation of translational researchers through the Neurodevelopmental T32 Training Program, the RDCRN Fellowship Program and the NeuroNEXT Fellowship Program. New RSZ TNC Fellows will be recruited annually and will be mentored through their fellowship training into positions within academia, clinical care and industry at the intersection of translational research for neurodevelopmental disorders.

For more information on the program, please contact [tnc@childrens.harvard.edu](mailto:tnc@childrens.harvard.edu).