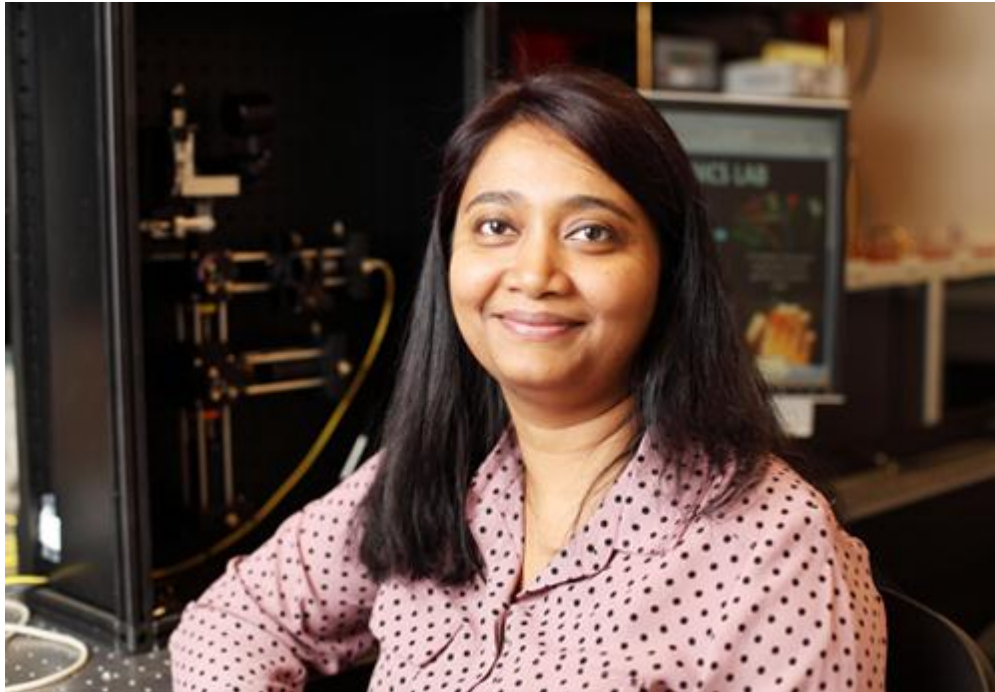


## **ASL Expands Research Team: Examining Brain Function through Optical Methods**



Dr. Parijat (Pari) Sengupta, an accomplished biophysicist, joined ISP/ASL on June 1, 2012 as a Research Scientist. Dr. Sengupta's research is focused on discovery, development, and characterization of unique solutions for psychiatric and neurodegenerative disorders.

Dr. Sengupta is building tools to better understand and treat neuronal communication impairments in Alzheimer's and Parkinson's diseases, blast-induced traumatic brain injury, and depression. Dr. Sengupta adds expertise in multi-photon microscopy, single-molecule fluorescence spectroscopy, optogenetics and electrophysiology to ASL's existing multi-disciplinary research portfolio.

Dr. Sengupta's move to ASL increases opportunities for strategic industry-academia partnerships in biomedical research and innovation in the greater Spokane area. She will build a Biophysics and Neurophotonics research program at ASL designed to engage in technology and information transfer to the community. This will spur economic development and attract significant federal and private biomedical research investments to Spokane.