



2022 SRS Board of Directors Candidate

Director-at-Large

Miranda Lim, MD, PhD



I am delighted to be nominated as a candidate for the SRS Board of Directors as a Director at Large.

I have been conducting sleep research since 2008 during my postdoctoral fellowship in David Holtzman's laboratory at Washington University in St Louis, where I contributed to one of the first mechanistic studies implicating a direct role for sleep in modulation of amyloid-beta in a mouse model of Alzheimer's Disease. I have been an active SRS Member since beginning my clinical sleep medicine fellowship and NHLBI T32-supported postdoc with Allan Pack at the University of Pennsylvania in 2010. Currently, I am Associate Professor of Neurology at Oregon Health & Science University, and a Staff Neurologist and Principal Investigator at the Portland VA. As a physician-scientist boarded in both neurology and sleep medicine, my research program focuses on how sleep modulates neuropathological and behavioral outcomes across the lifespan, with relevance to neurological disorders such as traumatic brain injury (TBI), posttraumatic stress disorder (PTSD), autism spectrum disorder, and neurodegenerative disease. My laboratory is known for bidirectional, translational research spanning preclinical to clinical studies, using a combination of methods including sleep EEG/EMG recordings, actigraphy, noninvasive in vivo imaging of cerebral blood flow, behavioral assays, and advanced signal processing of such data across both rodents and humans. My laboratory is currently supported by funding from federal sources (VA, NIH, DoD, and NSF), as well as from the state of Oregon and several non-profit foundations. My multidisciplinary background and diverse research portfolio will bring a broad perspective to this position.

Regarding prior SRS activities, I am a regular participant, speaker, and/or scientific reviewer of abstracts for SRS-related meetings, including the annual SLEEP meeting

and the biannual Advances in Sleep & Circadian Science meeting. I credit my affiliation with SRS for creating a solid foundation and launching my career in sleep research – through early training opportunities such as SRS Trainee Day at the annual SLEEP meeting, the Young Investigators Research Forum (YIRF) at NIH, the Training Program for Basic Sleep Research at UCLA Lake Arrowhead, and the Club Hypnos Datablitz at the annual Society for Neuroscience meeting, to name a few. My early interactions with the SRS community not only played a formative role in shaping my ability to think critically about sleep and circadian science, but also allowed me to form strong relationships with mentors and peers that I still cherish to this day.

Going forward, I will strongly support SRS's role in providing valuable training opportunities to our next generation of sleep scientists, as well as expanding opportunities to grow sleep and circadian research into new scientific frontiers. I am committed to bridging the gaps between basic, preclinical, translational, and clinical sleep and circadian research within SRS – a task that my background makes me well suited to accomplish. I hope to further expand SRS membership to include more scientists from disadvantaged, minority, veteran, and/or other under-represented backgrounds, as well as scientists whose research would benefit populations from such backgrounds. It would be an honor to serve as an SRS Director at Large and to support these scientific, educational, and organizational missions.