William Giardino, Ph.D.

 William Giardino ("Will") is Instructor in the Department of Psychiatry & Behavioral Sciences at Stanford University, after receiving a Ph.D. in Behavioral Neuroscience from Oregon Health & Science University and B.Sc. in Psychology from the University of Washington. He leads an NIH/NIAAA K99-funded research program that aims to uncover the precise neurobiological mechanisms underlying maladaptive changes in stress reactivity and sleep/wake architecture that facilitate dysregulated patterns of reward-seeking in drug & alcohol addiction. To pursue these objectives, Dr. Giardino is using cell type-specific *in vivo* strategies for optogenetic & chemogenetic neuromodulation, neurophysiological recording, CRISPR gene editing, and polysomnographic monitoring of electrocortical arousal states in animal behavioral models. He received F31 and F32 NIH NRSA fellowships to fund predoctoral and postdoctoral training on the neurocircuit basis of peptide signaling molecules in stress and addiction, and has authored several publications on this topic. Dr. Giardino serves as an academic mentor for numerous trainees, and is an active participant in professional organizations including the Society for Neuroscience, the Research Society on Alcoholism, and the American College of Neuropsychopharmacology.