

Alan Jasanoff, Ph.D.



Prof. Jasanoff is a faculty member in the Departments of Biological Engineering, Brain & Cognitive Sciences, and Nuclear Science & Engineering Departments at the Massachusetts Institute of Technology, where he directs the MIT Center for Neurobiological Engineering. He earned undergraduate and doctoral degrees in biochemical sciences and biophysics from Harvard University and an MPhil in chemistry from Cambridge University. He performed independent postdoctoral work as a Whitehead Fellow before joining the MIT faculty, where his research now focuses on next-generation neuroimaging of integrated brain dynamics. Key results from Prof. Jasanoff's laboratory include development of new molecular neuroimaging probes and their application to wide-field mapping of cellular and biochemical processes in animals, particularly in studies related to reward and addiction. In addition to his research, Prof. Jasanoff runs a training program for MIT graduate students in neurotechnology. He has also authored a 2018 book, *The Biological Mind: How Brain, Body, and Environment Collaborate To Make Us Who We Are*.