

Stephen Mitroff, PhD

Research Scientist, MedStar National Rehabilitation Network
Associate Professor, Center for Cognitive Neuroscience, Duke University

Stephen Mitroff, PhD, is an Associate Professor in the Department of Psychology & Neuroscience and the Center for Cognitive Neuroscience at Duke University and a Research Scientist at the MedStar National Rehabilitation Hospital. Dr. Mitroff's research examines the nature of visual cognition – examining mechanisms of visual memory, perception, and attention. He has a current primary focus on individual differences to reveal how it is that some people can outperform others, how can we quickly identify the best performers, and how can we train individuals to improve performance.



Dr. Mitroff strives to advance academic theory while simultaneously informing applied questions with broad translation importance. To this end, Dr. Mitroff has obtained a wide breadth of research funding, including from the National Institute of Health, the Department of Homeland Security, the Transportation Security Administration, the Army Research Office, DARPA, and Nike, Inc. Through these opportunities, Dr. Mitroff has worked with professional visual searchers (radiologists, airport security officers) and elite collegiate and professional athletes to understand how visual performance varies across individuals. He is currently bringing visual training tools to the MedStar National Rehabilitation Hospital to aid in rehab efforts.

Dr. Mitroff received his undergraduate degree in Cognitive Science from UC Berkeley, and a master's degree and PhD in Cognitive Psychology from Harvard. He completed 3 years of research focused on adult visual cognition and infant cognitive development at Yale prior to joining the faculty at Duke in 2005. More information about his research and his academic publications can be found at <http://www.mitrofflab.org>.