Elyse Sussman, Ph.D.
Associate Professor, Neuroscience
Associate Professor, Otorhinolaryngology (Head and Neck Surgery)
Director, Cognitive Neurophysiology Laboratory, Rose F. Kennedy University Center for Excellence in Developmental Disabilities Education, Research and Service

An internationally recognized expert on the study of auditory scene perception, Dr. Sussman is associate professor of neuroscience and the director of the Cognitive Neurophysiology Laboratory in the Rose F. Kennedy University Center for Excellence in Developmental Disabilities. She holds a secondary associate professor appointment in the department of otorhinolaryngology (head and neck surgery).

Currently funded by the National Institutes of Health and the Department of Defense, Dr. Sussman’s research is focused on understanding the neural basis of auditory perception in healthy adults and children, as well as on how the process breaks down in impaired populations. Dr. Sussman was a pioneer in using an interdisciplinary approach, combining behavioral and electrophysiological methods, to study brain mechanisms that support the ability to perceive sounds in ordinary listening environments that contain multiple, competing sources.