

Topics in Somatosensory Research

Course Director: Steven Hsiao (516-6409)

Time: to be determined

Place: Room 338 Krieger Hall at the Mind/Brain Institute which is located on the Homewood Campus.

Course Description

This is a graduate seminar and reading course devoted to current research into information processing in the somatosensory system. This course covers a variety of topics such as the neural coding of two and three dimensional size and shape, texture processing, plasticity of the central nervous system, mechanisms and effects of selective attention, learning and memory in the somatosensory system, cross-modal processing, and neural imaging studies. To take the course, students must have completed a basic neuroscience course such as Neuroscience A or Neuroscience and Cognition or have permission the instructor.