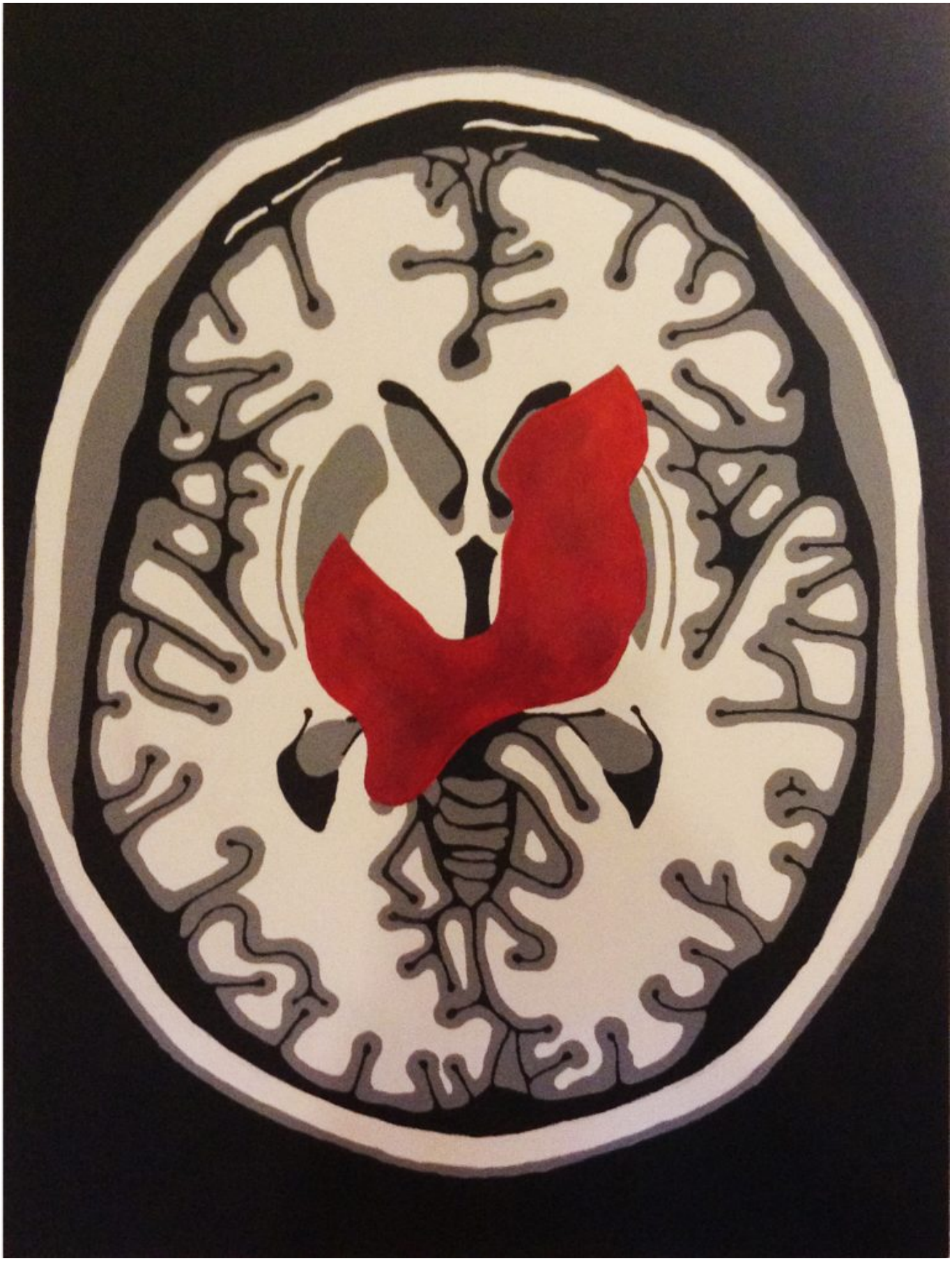
Auditory Hallucinations in Schizophrenia—8 mm

Category: visuals
written by Eva Catenaccio | September 5, 2014



Eva Catenaccio

About the artist:

Eva Catenaccio is a medical student at Albert Einstein College of Medicine in the Bronx, NY. “I spent a summer working with a neuropsychiatrist and a radiologist examining functional neuroimaging in schizophrenia. My paintings explore the ways in which images are used to communicate scientific results to both professional and lay audiences; and also how, when taken out of context, these images become open to an array of emotional interpretations. I like to imagine the patients who participated in these research studies examining the work as a reflection of their own experience of illness.”

About the artwork:

“This is a painting of the statistical parametric map generated by the analysis of regional cerebral blood flow as measured by positron-emission tomography during verbal auditory hallucinations in five patients with schizophrenia. The work is inspired by the paper “A functional neuroanatomy of hallucinations in schizophrenia,” by Silbersweig et al (*Nature*, 1995). During PET scanning, subjects in this study were asked to press a button every time they heard voices. During auditory hallucinations, neural activity increased in deep brain structures, including subcortical, limbic and paralimbic areas.”

Visuals editor:

Justin Sanders