

## State Representation in Early Psychosis

**Status:** Recruiting

### Eligibility Criteria

**Age:** Not specified

This study is also accepting healthy

**Healthy Volunteers:** volunteers

#### Inclusion Criteria:

1. able to speak and write English 2. 15 to 40 years old 3. diagnosis of schizophrenia, schizoaffective disorder, psychosis, bipolar disorder with psychosis, or major depressive disorder with psychosis, with psychotic symptoms starting in the past 5 years 4. no hospitalizations and on stable doses of medications for the past one month or more 5. For healthy volunteers without a mental health diagnosis: will match on age, sex, etc. to people enrolled in the study.

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#### Exclusion Criteria:

1. currently pregnant 2. history of neurological disorder 3. previous head injury with loss of consciousness 4. currently suicidal or has attempted suicide in the past 6 months

### Conditions & Interventions

#### Conditions:

Mental Health & Addiction

#### Keywords:

Psychosis, Schizoaffective Disorder, Schizophrenia

### More Information

**Description:** In the first phase of the study, participants will be asked to complete two sets of appointments six months apart. During both sets of appointments, participants will be asked to complete interviews and questionnaires about their life experiences and mental health, and they will have an EEG and fMRI while completing computerized tasks. The second phase of the study is optional. In this phase, participants will test one of two forms of computerized cognitive training, or brain games. They will be asked to complete 10 hours of training over a 3-6 week period. After the training period is over, they will have two sets of follow up visits, one right after the training period and one five months later. At these appointments, participants will complete the same activities done in the first phase of this study, including the interviews, questionnaires, and imaging (fMRI and EEG) combined with computerized tasks. We are recruiting two groups of participants for this study. One group will include individuals who experience hallucinations, delusions, paranoia, or a psychosis disorder (i.e., schizophrenia), and the other group will be individuals who do not have a diagnosis or family history of schizophrenia, bipolar disorder, or autism spectrum disorder.

**Contact(s):** STEP Study - stepstudy@umn.edu

**Principal Investigator:** Sophia Vinogradov

#### IRB

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