Tara A. Niendam, Ph.D.

Journal Articles


### Abstracts and Presentations


**Research Funding**

NARSAD Young Investigator Award, 1/15/13 – 1/14/16, 0.24 calendar months. Dynamic Longitudinal Developmental Trajectories and Functional Outcome in Early Psychosis, $59,680 total. This Young Investigator award provides funding for a study that utilizes fMRI and an established measure of cognitive control (AXCPT) to prospectively examine the neurodevelopmental course of prefrontal functioning across the age span of 12-25 years in individuals with schizophrenia (SZ) and demographically matched healthy controls (HC). **Niendam T** (PI).

Robert Wood Johnson Foundation, 11/15/13 – 2/14/16, .60 calendar months. Using mobile technology to detect early warning signs of mental health challenges and enhance treatment delivery for youth, $537,482 total direct costs. By implementing the Ginger.io mobile data management platform in an early psychosis program with an integrated clinical and research infrastructure, this project will determine the feasibility of mobile data collection in early psychosis populations, while simultaneously examine its ability to systematically capture aspects of relapse and recovery. **Niendam T** (PI).

HRSA D40HP26868, 11/1/14 – 6/30/17, 1.2 calendar months. Multidisciplinary Training in Evidence-Based Assessment and Treatment of Children and Youth with Trauma and Serious Mental Illness, $175,926 annual direct costs. Through a collaboration between the UC Davis Department of Pediatrics, UC Davis CAARE Center and UC Davis SacEDAPT clinic, this grant provides support for the training of predoctoral psychology interns in trauma-focused work in youth with serious mental illness, particularly psychosis. Dr. Niendam serves as the Project Co-Director and the Training Director for interns at the SacEDAPT Clinic. Urquiza A (PI); **Niendam T** (Project Co-Director).

California Mental Health Services Act Oversight and Accountability Commission Evaluation of Outcomes and Associated Costs for Early Psychosis Programs: UC Davis Pilot and Statewide Method Development, 7/1/15 – 6/30/17, 0.72 calendar months, $200,000 total. This evaluation seeks to identify and analyze EP program costs (i.e., costs expended to implement EP programs), outcomes associated with participation in the programs (e.g., change in hospitalization rates or length of stay following implementation of the program), and costs associated with those outcomes (e.g., costs associated with hospitalization)
related to providing early psychosis programs in the state of California. The UC Davis SacEDAPT Clinic will be used as an exemplar of an EP program and this evaluation will examine its effectiveness within Sacramento County, which will be translated to a proposal for a statewide evaluation of EP programs. Niendam T (PI)

NIMH R01 MH105411, 12/1/14 – 11/30/18, .60 calendar months. Neural Mechanisms of Memory Dysfunction in Schizophrenia, $350,903 annual direct costs. The proposed research will use EEG, fMRI and MRS to establish disrupted (GABAergic) neural inhibition in the dorsolateral prefrontal cortex (DLPFC) as a candidate mechanism for the reduced theta oscillations, reduced fMRI activation in DLPFC and hippocampal circuits, and disproportionate relational memory impairments in people with schizophrenia observed in our previous research. As a Co-Investigator, Dr. Neindam supports the acquisition of clinical and psychosocial functioning data as well as data analyses, interpretation and manuscript preparation. Ragland JD (PI); Niendam T (Co-Investigator).

NIMH R01 MH104235, 9/1/14 – 8/31/19, 3.0 calendar months. Reducing Duration of Untreated Psychosis Through Rapid Identification and Engagement, $457,828 annual direct costs. Through the use of technology-enhanced screening and engagement, the proposed project seeks to reduce the duration of untreated psychosis at a community level by addressing two bottlenecks: 1) delays in accurate identification and 2) delays in engagement in FEP care. The results of this project will provide new evidence-based practices for reducing DUP and improving outcomes in recent onset psychosis. As a Co-Investigator, Dr. Niendam assists in overseeing the project managing staff in day-to-day activities, recruiting participants, managing data collection and analysis. She participates in interpretation of the results as well as in presenting the results of the research and preparing manuscripts for publication. Cameron C (PI); Niendam T (Co-Investigator).

NIH R01MH107108, 8/1/15 – 7/31/20, 1.2 calendar months. Cognitive-Affective Psychosis Proneness Risk and protective factors in 22q11.2DS, $ 485,236 annual direct costs. The proposed research seeks to explore the cognitive and neural correlates of psychosis risk in youth with 22qDS. 22q youth will be characterized clinically across a novel dimension of psychosis proneness, which will be examined in relationship to measures of cognitive function using ERP and fMRI. As a Co-Investigator, Dr. Niendam supervises the clinical assessments, as well as provides guidance on the analyses related to the psychosis risk data and development of the psychosis-proneness dimensional scale. Dr. Niendam is also involved in data analysis, interpretation and manuscript writing. Simon T (PI), Niendam T (Co-Investigator).

Community Service

Ad Hoc Reviewer, Biological Psychiatry
Ad Hoc Reviewer, Schizophrenia Bulletin
Ad Hoc Reviewer, Schizophrenia Research
Ad Hoc Reviewer, Journal of Abnormal Psychology
Ad Hoc Reviewer, Journal of the American Academy of Child & Adolescent Psychiatry
Member, Status of Women at Davis Administrative Advisory Committee (SWADAC)