

Lei Xuan

University of Minnesota
Department of Psychology
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EDUCATION

Sep 2015–May 2018 **University of Minnesota-Twin Cities**, Minneapolis, MN, U.S
B.S. in Psychology with Honors

RESEARCH EXPERIENCE

Research Coordinator, Translational Research in Cognitive and Affective Mechanisms (TRiCAM) Laboratory, University of Minnesota, Twin-Cities. *Jan 2019-present*
Managed IRB and regulatory issues. Recruited and screened participants from community samples. Facilitated communication between team members. Performed cognitive assessment and magnetic resonance imaging testing. Trained others to run tDCS & cognitive training sessions. Assisted in recoding cognitive tasks in JavaScript. Supervised undergraduate research assistants.

Research Assistant, Translational Research in Cognitive and Affective Mechanisms (TRiCAM) Laboratory, University of Minnesota, Twin-Cities. *Sep 2016-Dec 2019*
Worked on a research project with the PI, including study design, data collection on social media, data cleaning, and quantitative analysis of linguistic features of reports of individuals with experiences similar to psychosis and temporal change of expression of such abnormal features (poster presented at the *Society of Research for Psychopathology*).
Honors Thesis: Quantifying Targeted Individuals "Online Reports".
Advisor: Dr. Angus W. MacDonald III

Research Assistant, Minnesota Center of Chemical and Mental Health, University of Minnesota, Twin-Cities. *June 2017-June 2018*
Transcribed interviews of patients with psychosis. Wrote and edited protocols. Performed data analysis on feedback of access to mental health in the community groups.
Supervisor: Dr. Piper S. Meyer-Kalos.

Undergraduate Research Opportunity Program, Minnesota Center of Twin and Family Research *Jan 2017-Aug 2017*
Performed quality assurance of MRI scans in FreeSurfer. Completed data entry, coding, and analysis on project examining neurocognitive deficits and structural brain abnormalities associated with substance use disorders in children of twins.
Advisor: Dr. Syla Wilson

PUBLICATIONS

Mervis, J.E., Xuan, L., MacDonald, A.W., III (In Press). *Strengthening Neuromodulation and Cognitive Training Studies with Blinded Designs*. SAGE Research Methods.

POSTER PRESENTATIONS

Mervis, J.E. & Xuan, L., MacDonald, A.W., III (September 2019). *Experiential Avoidance and Cognitive Effort: Implications for Intervention Outcome Assessments*. Poster presented at the annual meeting of the Society for Research in Psychopathology, Buffalo, NY.

Xuan, L., & MacDonald, A.W. (2018, Sep). Linguistic analysis of “Targeted Individuals” online reports”. Poster presented at the Society of Research for Psychopathology in Indianapolis, IN.

MacDonald, A. W. & Xuan, L. (2019, Mar). The Targeted Individuals Movement and Pathological Echo-Chambers of Social Media. Poster presented at the International Convention of Psychological Science, Paris, France.

SKILLS

- Proficient in R (statistical analysis and programming)
- Proficient in JavaScript.
- Beginner experience with Python
- Beginner experience with FreeSurfer
- Experience with managing clinical trials.
- Ability to work with a diverse population
- Strong attention to details

CLINICAL EXPERIENCE

Receptionist, Walk-in Counseling Center, Minneapolis, MN. *Sep 2018-present*
Welcomed clients. Answered phones. Participated in team case consultation.

Volunteer, University of Minnesota Medical Center, Minneapolis, MN. *May 2016-June 2017*
Receptionist at the resource library in the hospital; Hand massage volunteer in in a senior mental health inpatient unit.

Volunteer, Ronald McDonald Charity House, Minneapolis, MN *March 2016-July 2016*
Deliver medications to family rooms, clean up rooms and restock pantries to keep the program running smoothly.