

Menghan Luo

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Education

University of Illinois at Urbana-Champaign
Bachelor of Science: Psychology

Aug. 2014-May 2018, Champaign, IL
Completed: May 2018 GPA: 3.51

Research Experience

Alcohol Research Lab (Lab Director: Dr. Catharine Fairbairn) UIUC Psychology Department

Research Assistant and Behavioral Analysis Specialist August 2015 to Present

- Investigation of individual's emotional changes during group alcohol drinking sessions as opposed to non-alcoholic control beverage sessions
 - Coded participant's non-verbal behaviors using Facial Action Coding System (FACS), an objective non-verbal measure of facial behaviors.
 - Analyzed coding data and performed weekly reliability checks on FACS result.
- Trained candidates for the FACS certification test.
- Conducted cognitive tasks experiment in laboratory visits using MATLAB software.
- Assisted in two meta-analysis projects by doing literature review and criteria checking.
- Helped planning recruitment events and screened participant's eligibility for the study.
- Assisted in a follow-up study by contacting participants and administering relevant tests and surveys.

Social Work Project (Director: Dr. Douglas Smith) UIUC School of Social Work

Behavioral Analysis Specialist August 2018 to Present

- Investigation of individual's emotional changes during motivational interview sessions that disseminating treatments for emerging adults with substance use disorder.
 - Coded participant's facial movements using FACS.
 - Performed FACS data analysis and reliability checking.
- Assisted in poster publication.

Life Experience Lab (Lab Director: Dr. Thomas Kwapil) UIUC Psychology Department

Research Assistant May 2017 to May 2018

- Assisted in exploring the expression of clinical and subclinical psychopathology in daily life using Experience Sampling Methodology (ESM).
 - Conducted laboratory visit and administered relevant surveys.
 - Conducted weekly follow-up visits on MetricWire survey: A Mobile app used to distribute ESM surveys.
 - Sent weekly reminder email to participants using SONA system.
- Assisted in creating cross-cultural translation guideline for The Multidimensional Schizotypy Scale-Brief.

CANOPY Lab (Lab Director: Wendy Heller) UIUC Psychology Department

Research Assistant May 2016 to July 2016

- Investigation of the effect of Mindfulness exercise on student's academic achievement, emotional stress, and its potential impact on classroom atmosphere in elementary schools.
 - Performed data entry by transcribing paper questionnaires into Excel coding.
 - Transcribed interview into systematic coding.
 - Assisted in literature review by searching and summarizing relevant publications.

Research Assistant

October 2014 to June 2015

- Investigation of Chinese-American adolescents' development outcome by analyzing their emotional stress, academic achievement, and their interpersonal relationship with their parents using questionnaire survey and saliva testing.
 - Conducted laboratory visits and administered questionnaires.
 - Created weekly online surveys and reminders using SurveyMonkey.
 - Performed data entry using SPSS.
 - Coded and inspected saliva samples.
 - Ordered supplies, stocked work areas and prepared materials for lab visits.

Highlights of Specialized Training

- Certified in Facial Action Coding System (FACS): FACS, developed by Paul Ekman and Wallace Friesen, is the most comprehensive anatomically-based system for coding facial behavior. Completed - 100 hours of training to become a certified FACS coder (Nov. 2014).
- Certified in Micro Expression Coding System and Profile Coding System: Both developed by Paul Ekman and Wallace Friesen, are systematic coding systems for non-verbal facial emotions.
- Over four years' experience in coding facial emotion movements using the FACS system.

Conference/ Presentation

Conference Poster Presentation

- Smith D., Campbell C., **Luo M.**, Fairbairn C., Houck M. (January. 2019). *Express Yourself: An Exploratory Study of In-session Emotional Expression During Motivational Interviewing*. Poster to be presented at 42nd annual scientific meeting of Research Society on Alcoholism (RSA), Minneapolis, MN.