

## Tou Kao (T.K.) Vang

Department of Educational Psychology  
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### EDUCATION

#### University of Nebraska-Lincoln

Lincoln, NE

*MA. Educational Psychology*

Aug. 2018- Present

- Specialization: Quantitative, Qualitative & Psychometric Methods
- Relevant Coursework: Structural Equation Modeling, Machine Learning, Natural Language Processing, Item Response Theory, R Programming, Multivariate Analysis, Longitudinal Analysis, ANOVA, Ethnography, Phenomenology, Multinomial & Logistic Regression, Mixed Methods Research

#### University of Wisconsin-Superior

Superior, WI

*B.S. Sociology*

June 2015

- Minor: Anthropology

### RESEARCH & TEACHING EXPERIENCE

#### University of Nebraska-Lincoln, Department of Educational Psychology

Lincoln, NE

*Instructor – EDPS 459: Statistical Methods*

Aug. 2020-Present

- Teach introduction to statistics (descriptive & inferential statistics)
- Student projects involve SPSS datasets & critical review of research article of their interest

#### Nebraska Department of Education

Lincoln, NE

*Office of Data, Research, and Evaluation – Graduate Assistant*

May. 2020- Aug. 2020

- Analyze & manage Nebraska First/Third Year Teacher Survey (NTYTS/NFYTS) data
- Finalize findings from 2019 first and third-year teacher experiences to Neb. Department of Education
- Created research survey regarding Nebraska Department of Education's employees' access to the internet & personal protection equipment during the beginning of COVID-19

#### University of Nebraska-Lincoln, Department of Educational Psychology

Lincoln, NE

*Project SPaRK*

Aug. 2018- May 2019

- Created child and parent interview guide for Project SPaRK (Supportive Parents and Resilient Kids)
- Coordinate and run the family visits
- Interview the family and child about child's experience with peer victimization
- Questionnaires and surveys are put into SPSS data Audio and visuals are cleaned and uploaded into protected Dropbox

#### University of Nebraska-Lincoln, Department of Sociology

Lincoln, NE

*Graduate Research Assistant*

Jan. 2017- May 2017

- Analyze U.S Church Membership Data (1952-2010) via Association of Religion Data Archives
- Find which counties came into existence and which ones were no longer counties. Used US Census & find measures at county level for 1957-2010. Measures include but not limited to percent poor, percent unemployment, average age, number of births, and percent female. Used STATA 13 and merged datasets

### SKILLS & INTERESTS

Programming: R, Python, SAS, Stata, SPSS, SQL, Microsoft Office, Mplus, NLP, Machine Learning,  
Languages: Fluent in Hmong, Proficient in Spanish & Conversational in Korean

## REFERENCES

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**Marsha S. Lue**

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