

EDUCATION

Northeastern University, Boston, MA, September 2020-present

PhD in **Sociology** (currently in program)

University of Nebraska–Lincoln (UNL), Lincoln, NE, *August 2015-May 2018*

Bachelor of Arts in **Sociology, French, Global Studies *with distinction**

Focuses: Social inequality, human rights, African culture and society, Francophone language and literature, health disparities, social network analysis.

GPA: 3.875/4.0

Nebraska Wesleyan University, Lincoln, NE, *August 2014-May 2015*

Studied socio-anthropology

RESEARCH EXPERIENCE

ADVANCE Networks Project

Graduate Research Assistant, January 2021-present

Created and analyzed institutional networks participating in the NSF ADVANCE program (to reduce gender inequity academia). Collaborated with sociology professors in team meetings and advised the undergraduate research assistant on network data. Worked in R and Excel. Created reports and wrote papers.

Methodology Evaluation Research Core Facility

Evaluation Project Associate, May 2019- December 2019

Assisted multiple grant funded projects concerning women in STEM, science teachers, maternal child health (DHHS needs assessment), student-centered learning, and social networks. Wrote evaluation reports, coded interview notes, conducted interviews, pulled data from large national sources, entered data (into excel), analyzed it (in SPSS), and visualized data (in excel/gephi/powerpoint). Assisted in trainings on data collection, qualitative analysis, and data visualization. Presented a poster at the 2019 computational social sciences conference. Sought participants and administrated paper surveys. Collaborated with sociology professors, communicating largely over email, zoom video calls, and basecamp.

Research, Evaluation, and Analysis for Community Health (REACH) Lab, University of Nebraska–Lincoln

Undergraduate Research Assistant, September 2015- May 2018

Conducted social network analysis, visualized networks, coded field notes, engaged in weekly team project meetings, and wrote papers. Programs utilized: Gephi, MaxQDA, Pajek, R. Specialized in community detection of hard to reach populations

and analyzed the social networks of intravenous drug users in rural Puerto Rico and of Alaskan Inuit/Inupiat populations. Certified in CITI Training (Group 2 Social/Behavioral Research Investigators and Key Personnel) and Responsible Conduct of Research (RCR).

Minority Health Disparities Initiative (MHDI), University of Nebraska–Lincoln
Undergraduate Research Assistant, September 2015- May 2018

Transcribed in-depth interviews/focus groups, wrote literature reviews, edited survey designs, planned the annual conference, aided the Anishinabe youth intervention program, assisted MHDI Summer Research Experiences for Undergraduates (REU) students, and presented my REU results at symposiums.

Applied Sociology 310B Course, University of Nebraska–Lincoln

Community middle school research, August 2016-May 2017

Read literature on adolescents and school, conducted participant observation of community learning centers, created and distributed surveys, analyzed and presented results in a symposium to the UNL Sociology Department.

PUBLICATIONS (peer reviewed)

Lee, Hsuan-Wei, **Miranda Melson**, Jerreed Ivanich, Patrick Habecker, G. Robin Gauthier, Lisa Wexler, Bilal Khan, Kirk Dombrowski. 2018. "Mapping the Structure of Perceptions in Helping Networks of Alaska Natives" *PLOS One*.

<https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0204343>

PRESENTATIONS

Computational Social Sciences Conference Poster Session,

"Teacher Professionalization & Inquiry Based Pedagogy: A Social Network Analysis of District Science Teachers' Advice Networks," 2019

UNL PREVENT Bystander Intervention Trainings

"Myths, Facts, and How to Act," Sexual Assault and Relationship Violence Prevention, 2016-2018

Applied Sociology 310B Poster Session, University of Nebraska–Lincoln

"Student Perception of Teacher Closeness in a PBIS Middle School," 2017

Nebraska Summer Research Symposium, University of Nebraska–Lincoln

“Friendship Networks of Drug Injectors in Rural Puerto Rico,” 2017

“To Inject or Reject? The formation of intravenous drug networks in rural Puerto Rico,” 2016

This work was supported by the National Institute on Drug Abuse of the National Institutes of Health [grant number R01DA037117] and by the Center for Drug Use and HIV Research [CDUHR-P30 DA011041].

PROFESSIONAL EXPERIENCE

Teaching Assistant Program in France (Reunion Island)

English Language Teaching Assistant, October 2018-April 2019

Taught middle school and high school French students English language in Reunion Island for 7 months. Lessons focused on improving the student’s English conversation skills. Presented about American culture and society, played games and activities in English, and facilitated discussions and debates. Worked with groups of 7-12 students for 12 hours a week.

Lincoln City Libraries, Bennett Martin Public Library

Youth Services Summer Outreach, May 2018-July 2018

Planned programs and interactive activities for weekly visits with 120 kids at 6 parks and recreation/community sites. Read books to the children and did crafts promoting literacy. Educated children from infant to 12 years old.

Office of Global Strategies, University of Nebraska-Lincoln

Mandela Washington Fellowship Program Assistant, May 2018-July 2018

Coordinated and facilitated the 2018 Young African Leadership Initiative Mandela Washington Fellowship at the University of Nebraska-Lincoln. Hosted 25 young leaders from various Sub-Saharan African nations for leadership and civic engagement programming. Connected them to community organizations (NGOs and governmental) and to the UNL Campus. Planned events, acted as an American cultural ambassador, and transported them to the events.

Programs in English as a Second Language (PIESL)

Intern, January 2018-May 2018

Teaching Assistant for the social sciences, business, and community engagement PIESL courses to integrate international students who are learning English to the University of Nebraska-Lincoln campus. Planned lessons and answered student’s

questions as an American cultural ambassador. Created on-campus (i.e. observe a SOC 101 class) and off-campus (i.e. attend the Asian Community and Cultural Center Lunar New Year celebration) events.

Lincoln City Libraries, Bennett Martin Public Library

Summer Library Service Associate, 2014

Commenced the summer food program: provided free lunches to youth, planned and facilitated activities, read books out loud, and created an assessment of the program. Library liaison with the Family Literacy Activities for Immigrants and Refugees program. Assisted Lincoln Literacy youth activities. Created and engaged activities with the Teammates youth mentoring program. Oversaw the summer reading program events. Answered questions from patrons in-person or over the phone.

HONORS AND AWARDS

Alan P. Bates Outstanding Undergraduate Award, UNL Sociology Department, *2018*

Minority Health Disparities Research Experiences for Undergraduates (REU) Summer Research Program, *2017*

UNL Franco's List, for "Caring" character and integrity, *2017*

UNL Datapalooza, Big data team competition, Second Place, *2017*

College of Arts and Sciences Dean's List, UNL, *Fall 2015, Spring 2016, Spring 2017, Fall 2017*

Alpha Kappa Delta, International Honor Society of Sociology

Le Prix d'Excellence, UNL French Department, *Fall 2015-Spring 2018*

KEY SKILLS

R programming (intermediate)

Python (novice)

Social network analysis (R, Python, Pajek, Gephi)

Qualitative coding (MaxQDA)

Stata (novice)

SPSS (novice)

French (advanced)

SERVICE EXPERIENCE

DearUNL, Sexual Violence Justice Alliance, Member *2018-present*

ESL Tutor with African Refugee Families, Volunteer *2015-2018*

UNL PREVENT, **Vice President** *2017-2018*, Member *2016-2017*

Undergraduate Sociological Advisory Board, Member *2016-2018*

#UnrulySociologists, UNL Sociology Activists, Member *2017-2018*

Spectrum UNL, LGBTQIA+ Alliance, Member *2016-2018*

ADVISOR

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