

PhD Lecturer  
08/2020-present

Research Associate  
08/2021-present

Marriner S Eccles Fellowship 2023-2024 Recipient

The University of Utah, College of Social Work  
395 South 1500 East  
Salt Lake City, UT 84112

kyle.rehn@utah.edu

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**EDUCATION**

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| PhD | <b>University of Utah</b> , Salt Lake City, UT<br>Social Work<br><i>Chronically Inaccurate? Assessing the Reliability, Validity, and External Influences of the SPDAT Instruments</i><br>Chair: Sarah Canham<br>Committee Members: Richard Fowles, Jeremiah Jagers, Philip Osteen, and Jeff Rose | Summer 2024 |
| MS  | <b>University of Utah</b> , Salt Lake City, UT<br>Economics<br><i>Big Brothers Big Sisters: Strategies to Improve Match-Length Longevity</i><br>Chair: Richard Fowles<br>Committee Members: Nancy Basinger and Eric Sjoberg  | Spring 2017 |
| BS  | <b>University of Utah</b> , Salt Lake City, UT<br>Economics, Business Minor  | Spring 2012 |

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**RESEARCH INTERESTS**

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My research is deeply rooted in the study of homelessness, with a focus on leveraging quantitative methods to pinpoint our most at-risk communities. Having dedicated five years to the non-profit sector working in a shelter addressing homelessness, I possess a keen interest in examining vulnerability assessments related to homelessness, exploring the disparities in service distribution influenced by intersecting identities, and assessing the ramifications of policy choices on homeless service utilization. My expertise extends to proficiency in R, the creation of

R Shiny dashboards, and an in-depth understanding of quantitative techniques, notably clustering methods, psychometrics, and survival analysis.

## **PUBLICATIONS**

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### **Peer-Reviewed Publications**

**Rehn, K.**, Canham, S. L., Rose, J., Jones, S., & Garcia, I. (2023). Visits to social and community establishments and services by persons experiencing homelessness after shelter decentralization. Available: <https://www.tandfonline.com.ezproxy.lib.utah.edu/doi/abs/10.1080/10530789.2023.2229990>

### **Non-Peer-Reviewed Publications: Reports**

#### **Report Contributor**

Canham, SL, Rose, J, Garcia Zambrana, I, & Jones, SO. (2022). *Understanding the Impact of Decentralizing Homeless Services on Transportation and Mobility in Salt Lake County*. NITC-RR-1386. Portland, OR: Transportation Research and Education Center (TREC). Available: <https://nitc.trec.pdx.edu/research/project/1386>

### **Peer-Reviewed Manuscripts In Process**

**Rehn, K.** Baffour, T., Castillo, J. *Data-Informed Solutions to Addressing Access to Equity-Minded Services and Curriculum for BIPOC Students Amid and Beyond COVID-19*. This study used chi-square and ANOVA testing to identify differences between community and on-campus service usage between BIPOC and white students before and during the COVID-19 pandemic.

Baffour, T., Castillo, J., **Rehn, K.**, *The Impact of COVID-19 on Social Work Students' Physical and Emotional Well-Being*. This study used chi-square and ANOVA modeling to identify demographic characteristics that increased the likelihood that students would be more likely to see a decrease in their physical and/or mental health due to the COVID-19 pandemic.

Jaggers, J., **Rehn, K.**, Osteen, P. *Violent Behavior & Patterns of Health Service Use*. This study used latent transition analysis to observe how health and violent behavior patterns move between groups over time.

Osteen, P., Jaggers, J., **Rehn, K.** *A Method for Using Latent Transition Analysis to Describe Transitions in Health Service Utilization and Suicide Attempt Over Time*. This study used latent transition analysis to observe how health service usage and suicide patterns change between clustered groups longitudinally.

## FELLOWSHIPS

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Marriner S. Eccles Graduate Fellowship for Political Economy  
University of Utah  
\$27,000 for the 2023-2024 school year + tuition

## GRANTS

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### Grant Contributor

*Understanding the Mobility Impacts of Decentralizing Homeless Services in Salt Lake County, Utah.* **Role: Research Assistant.** National Institute for Transportation and Communities. (NITC 2016 Award #1386, \$100,206 USD), (Aug 2020-Feb 2022).

### Grants Submitted Not Funded

*Development of a Medical Vulnerability Construct to Prioritize Persons Experiencing Homelessness for Services.* **Role: Co-PI.** Robert Wood Johnson Foundation. Submitted October 18, 2022. Amount: \$100,000.

### Grant Proposals in Progress

*Development of a Medical Needs Vulnerability Assessment to Prioritize Persons Experiencing Homelessness for Services.* **Role: Co-Investigator.** National Institute of Health. Amount: \$500,000.

## PRESENTATIONS

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### Peer-Reviewed Research Presentations: National & International

Jaggers, J.W., Arcineagas, J., & **Rehn, K.** (2022). *Latent Transition Analysis to Determine Change in Health Services Use.* Presented ePoster at the 26th Annual Society for Social Work Research on 01/13/2022.

**Rehn, K.,** Baffour, T., Castillo, J. *Data-Informed Solutions to Addressing Access to Equity-Minded Services and Curriculum for BIPOC Students Amid and Beyond COVID-19.* Presented at the Annual Program Meeting for the College of Social Work Education Conference on 11/07/2021.

Canham, SL, Rose, J, Jones, SO, **Rehn K.** (2023). *"Sometimes you just gotta get out and about:" Research on Transportation and Mobility in Salt Lake County.* Presenting at the 19<sup>th</sup> Annual Utah Homelessness Conference on 10/16/2023.

## **ACADEMIC POSITIONS**

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### **Research Associate**

08/2022-Present

#### **University of Utah Social Research Institute**

In my role as lead analyst for the 2022-2023 MSW Competency Evaluation report, I assessed social work students' competency on nine topics twice annually for the University of Utah College of Social Work as part of the college's accreditation with the Council for Social Work Education. Additionally, I conducted various analyses for the Utah Division of Child and Family Services (DCFS), identifying factors contributing to children returning to child protective services and designing an R Shiny dashboard to evaluate DCFS cases by race and ethnicity in relation to census data.

### **Research Assistant**

08/2021-08/2022

#### **University of Utah Social Research Institute**

I contributed to the survey analysis, report formatting, and writing for the National Institute for Transportation and Communities report as part of a grant titled "Understanding the Mobility Impacts of Decentralizing Homeless Services in Salt Lake County, Utah." My work primarily focused on assessing the consequences of shelter decentralization on the transportation preferences of persons experiencing homelessness and their access to services, which is in chapter 3 of the report.

### **PhD Instructor**

Fall 2020-Present

#### **University of Utah College of Social Work**

Social Policy and Programs: Advocacy and Analysis for Social Justice. This MSW course is centered on enhancing students' understanding of social policies and programs that impact individuals and communities, particularly emphasizing the federal and state initiatives to assist disadvantaged and marginalized communities.

Spring 2021-Present

#### **University of Utah College of Social Work**

Research for Social Work Practice. This MSW course aimed to cultivate effective communication strategies for students to engage with stakeholders and clients to implement best practices. Students acquired the skills necessary to perform program evaluations, encompassing needs assessments, process evaluations, and outcome evaluations.

Fall 2022

#### **University of Utah College of Social Work**

Applied Social Work Statistics. This BSW course equips students with the skills to establish, sustain, and effectively utilize databases within an organizational context. In particular, students will gain proficiency in tasks such as inputting data into a database, leveraging data analysis for informed clinical decisions, supplying outcome data for monitoring treatment progress or securing funding, and addressing hypotheses to enhance the quality of treatment protocols.

Spring 2022

**University of Utah College of Social Work**

Community-Based Strategies for Social Change and Research for Social Work Practice. This master's level course is dedicated to instructing students in skill development related to community organizing, advocacy, and community development.

**Teacher Assistant**

Fall 2016-2020

**University of Utah Economics Department**

Community Economic Research. This two-semester course included teaching students' statistical methods in the first semester, and in the second semester, the students applied these statistical concepts to need-based research with community partners. These projects included working with the Utah State Office of Education, Salt Lake Community Action Program, Volunteers of America, and Big Brothers Big Sisters of Utah. Two out of three years, a group from this class placed in the top three for the College of Social Behavioral Science Undergraduate Research Day.

**OTHER PROFESSIONAL EXPERIENCE**

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**Statistical Specialist**

08/2017-03/2023

**The Road Home**

Developed a predictive family shelter model and converted the model into an R Shiny dashboard to enhance accuracy in identifying homeless families at risk of returning to the shelter. Additionally, identified factors contributing to homeless veterans' recidivism after exiting housing voucher programs, employed simulation techniques to project recidivism numbers, automated internal reports, improved data quality using R-coding, automated monthly housing budget and projection reports, and handled data cleaning and reporting for Road Home's grant programs.

**Project Executive**

08/2017-03/2023

**Empertias Services Group**

I have leveraged data analysis and research in various leadership roles to drive improvements across diverse organizations. Highlights include identifying customer obstacles and retention strategies for the Utah Shakespeare Festival, enhancing fan experiences at BYU Athletics through fan persona clustering, tailoring donor communication for the

Ouelessebougou Alliance, and conducting marketing and developer research for ProPay. Additionally, I have contributed to long-term match predictions for Big Brothers Big Sisters and automated competitive intelligence and client satisfaction analysis for America First Credit Union.

**Middle and High School Teacher**

08/2012-07/2014

**Teach for America, Ka'u Middle and High School**

Taught English language learning (ELL) classes for 7th and 8th graders and AP high school social studies. Notably, I significantly improved Lexile reading scores for high school students, with an average increase of 272 points, surpassing the national average by over four times.

**Editorial Board Member and Scholar**

11/2011-01/2012

**Hinckley Institute of Politics**

Analyzed, critiqued, and suggested which papers should be submitted to the journal. This is one of the longest-tenured undergraduate journals in the country. Addressed food security and its significant international economic issues for an article published in the Cannes 2011 G20 economic summit magazine.