

CRYSTAL LEWIS

I am an education researcher with over ten years' experience in project coordination and supervision, as well as data management, analysis, and reporting. I am happiest working at the intersection of K-12 education research and data management planning, helping researchers and practitioners obtain insights that improve student outcomes through harmonized, reliable, and documented data. I am also passionate about helping others organize their data and reporting through reproducible workflows.



EDUCATION

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|------|--|-----------------|
| 2011 | Master of Public Policy
University of Minnesota | Minneapolis, MN |
| 2005 | Bachelor of Social Work
University of Missouri | Columbia, MO |

PROFESSIONAL EXPERIENCE

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|----------------------|---|------------------------|
| Current

2022 | Consulting
Freelance | |
| | <ul style="list-style-type: none">Consulting in the areas of research data collection, data management, and data wranglingCurrently writing the book "Data Management in Large-Scale Education Research" | |
| 2022

2021 | Lead Data Scientist
Streamline Data Science | Remote |
| | <ul style="list-style-type: none">Built example client facing crm dashboard in R Flexdashboard to be used to publicize services. Currently featured on Streamline's website.Ingested data sources to build an internal metric tracking R Flexdashboard that is automated through Google Cloud Platform to update daily. The dashboard is used regularly by our sales team. | |
| 2021

2019 | Director, Data Strategy
Missouri Prevention Science Institute | Remote |
| | <ul style="list-style-type: none">Strategized data management plans for over ten actively funded projects and oversee their implementation.Merged, cleaned, manipulated, queried, validated, and documented data collected from school districts, state education agencies, surveys, assessments, and observations using R.Built reports, dashboards, and visualizations for dissemination of data. | |
| 2019

2016 | Director, Research Implementation
Missouri Prevention Science Institute | University of Missouri |
| | <ul style="list-style-type: none">Supervised successful completion of data collection activities for six federally funded randomized controlled trial studies and two county funded projects.Delivered quarterly trainings to staff on data collection methods.Designed Qualtrics surveys and Access tracking databases. | |
| 2016

2013 | Research Associate
Missouri Prevention Science Institute | University of Missouri |
| | <ul style="list-style-type: none">Coordinated two Institute of Education Sciences funded randomized | |

CONTACT

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TECHNICAL SKILLS

Proficient:

- R
- SPSS
- Access
- Qualtrics
- Quick Base

Working knowledge:

- Tableau
- Git and GitHub
- SQL
- SAS
- Stata
- SharePoint

SERVICE

POWER Data Management
Hub Organizer (2022 -
present)



R-Ladies St. Louis Co-
organizer (2020-present)

LaunchCode CoderGirl
Teaching Assistant (2018)

AmeriCorps St. Louis
Education Team (2007-2008)

controlled trial studies.

- Collected data in schools through classroom observations, surveys, and assessments.

- 2013
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2011
- Evaluation and Outcomes Manager**
Big Brothers Big Sisters of Eastern Missouri  Saint Louis, MO
- Oversaw the collection, analysis, and dissemination of data relating to performance management, outcomes, and customer satisfaction.
- 2011
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2010
- Research Assistant**
Center for Advanced Studies in Child Welfare  University of Minnesota
- Evaluated the effectiveness of the Hennepin County Attorney's Office truancy intervention program using qualitative and quantitative methods.



PUBLICATIONS

- 2021
- In-school and out-of-school suspension: Behavioral and psychological outcomes in a predominately Black sample of middle school students**
School Psychology Review
- Authored with Dan Cohen, Francis Huang, Colleen Eddy, Caroline Hodgson.
- 2020
- Motivational interviewing with at-risk students (MARS) mentoring program: Addressing the unique mental health needs of students in alternative school placements**
School Psychology Review
- Authored with Lauren Henry, Wendy Reinke, Keith Herman, Aaron Thompson.
- 2018
- Bullying involvement, teacher-student relationships, and psychosocial outcomes**
School Psychology Quarterly
- Authored with Francis Huang, Dan Cohen, Sara Prewett, Keith Herman.



PRESENTATIONS

- 2021
- Data Management in Large-Scale Education Research Series**
Missouri Prevention Science Institute
- A series of workshops on topics concerning the implementation of a research study data management plan. <https://cghlewis.github.io/mpsi-data-training/>
- 2019
- Cleaning Messy Data in R**
R-Ladies St. Louis Meetup
- Two hour workshop on cleaning data using examples from the field of education.
- 2019
- Introduction to R**
LaunchCode
- Guest lecture for CoderGirl Data Analysis track.

Made with the R packages
pagedown and datadrivencv.

The source code is available
github.com/Cghlewis/resume.

Last updated on 2022-03-03.