









# 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 when working at the intersection of K-12 education research and coding, helping researchers and practitioners obtain insights that improve student outcomes through clean, reliable, and documented data. I am also passionate about helping others organize their data and reporting through reproducible workflows.

## EDUCATION





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

## PROFESSIONAL EXPERIENCE

- Current | 2019 • **Director, Data Strategy**  
Missouri Prevention Science Institute  Remote
  - Strategize data management plans for all funded research projects occurring in the Institute and oversee their implementation.
  - Clean, manipulate, query, and document data using R.
  - Analyze data for publications and build reports and dashboards for partners.
- 2019 | 2016 • **Director, Research Implementation**  
Missouri Prevention Science Institute  University of Missouri
  - Oversaw successful completion of data collection activities for six federally funded randomized controlled trial studies and two county funded projects.
- 2016 | 2013 • **Research Associate**  
Missouri Prevention Science Institute  University of Missouri
  - Coordinated two Institute of Education Sciences funded randomized controlled trial studies.
  - Built Qualtrics surveys and created Access tracking databases.
  - Delivered quarterly trainings to staff on data collection methods.
- 2013 | 2011 • **Evaluation and Outcomes Manager**  
Big Brothers Big Sisters of Eastern Missouri  Saint Louis, MO
  - Supervised the collection, analysis, and dissemination of data relating to performance management, outcomes, and customer satisfaction.
- 2011 | 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.
- 2010 | 2010 • **Research Assistant**  
Minnesota House of Representatives  Saint Paul, MN
  - Provided non-partisan research and analysis on a variety of topics.



## CONTACT

 [cgh.lewis@gmail.com](mailto:cgh.lewis@gmail.com)  
 /Cghlewis  
 /Cghlewis  
 /crystal.lewis  
 /crystal-lewis-922b4193

## TECHNICAL SKILLS

Proficient:

- R
- Stata
- SPSS
- Access
- Qualtrics
- Quick Base

Working knowledge:

- Tableau
- Git and GitHub
- SQL
- SAS

## SERVICE

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

LaunchCode CoderGirl Teaching Assistant (2018)

AmeriCorps St. Louis Education Team (2007-2008)



## PUBLICATIONS

- 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.
- 2020 ● **In-school and out-of-school suspension: Behavioral and psychological outcomes in a predominately Black sample of middle school students**  
In press: School Psychology Review
  - Authored with Dan Cohen, Francis Huang, Colleen Eddy, Caroline Hodgson.
- 2018 ● **Bullying involvement, teacher-student relationships, and psychosocial outcomes**  
School Psychology Quarterly
  - Authored with Francis Huang, Dan Cohen, Sara Prewett, Keith Herman.
- 2017 ● **The utility of single-item readiness screeners in middle school**  
Journal of School Psychology
  - Authored with Keith Herman, Francis Huang, Melissa Stormont, Caroline Grossman, Colleen Eddy, Wendy Reinke.
- 2011 ● **Sanctions and education outcomes for children in TANF families**  
Child and Youth Services
  - Authored with Anita Larson, Shweta Singh.



## PRESENTATIONS

- 2020 ● **Data Management in Large-Scale Education Research: Documentation**  
Missouri Prevention Science Institute
  - An introduction to documentation in the context of a research study data management plan.
- 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.
- 2018 ● **Survey Says: You can use Tableau to Impact School Climate**  
Tableau Fringe Festival
  - Lightning talk on how the Missouri Prevention Science Institute uses Tableau to visualize school climate survey data.

Made with the R packages  
**pagedown** and **datadrivencv**.

The source code is available  
[github.com/Cghlewis/resume](https://github.com/Cghlewis/resume).

Last updated on 2020-12-08.