

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
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2009 • **Master of Public Policy**
University of Minnesota 📍 Minneapolis, MN
- 2005
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2001 • **Bachelor of Social Work**
University of Missouri 📍 Columbia, MO

PROFESSIONAL EXPERIENCE

- Current
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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
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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
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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
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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
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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.
- 2010
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2010 • **Research Assistant**
Minnesota House of Representatives 📍 Saint Paul, MN
 - Provided non-partisan research and analysis on a variety of topics.



CONTACT

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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.

Last updated on 2020-12-08.