

# JENINE K. HARRIS, PHD

For the last 13 years, I have used my data science and education expertise to teach graduate-level biostatistics courses, publish packages on CRAN, conduct workshops for new R users, write books on basic and specialized statistical methods, and research social networks, social media, and research reproducibility. I am seeking a data science opportunity to apply my technical and training skills to new challenges.



## PROFESSIONAL EXPERIENCE

current  
|  
2010

### Professor

Washington University in St. Louis

📍 St. Louis, MO, USA

- Developed stable R packages so that students and data scientists could interact with my code during their education. Packages were successfully submitted to CRAN proving they were stable enough to be used globally.
- Authored or co-authored more than 90 peer-reviewed publications on social networks, social media, research reproducibility, and other public health and clinical topics.
- Taught graduate-level courses in introductory and intermediate biostatistics and R skills with a particular focus on data literacy. Teaching evaluations from students were above the mean score for faculty in my school for all courses.
- Co-founded and co-directed a peer tutoring center for statistics.
- Conducted workshops for faculty and trainees in R and RMarkdown.



## EDUCATION

2008  
|  
2004

### PhD Public Health Studies, Biostatistics Concentration

Saint Louis University

📍 St. Louis, MO, USA

- Dissertation title: Social network analysis and public health systems.
- Relevant Coursework: Applied Linear Modeling, Structural Equation Modeling, Social Network Analysis, Multilevel Modeling, Categorical Data Analysis, Survival Analysis.



## AUTHOR

2020

### Statistics with R: Solving Problems Using Real World Data

Sage

📍 Thousand Oaks, CA, USA

- Won the 2021 *Most Promising New Textbook Award* from the Textbook & Academic Authors Association.
- Subject of book reviews in *Journal of Teaching in Social Work* and *Journal of Public Health Management and Practice*.
- Invited podcast speaker for *Data Femme*, *JPHMP Direct*, and *Stuff We Don't Learn in School*.



View this CV online at <https://jenineharris.github.io/cv/>

## CONTACT

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## LANGUAGES

R

RMarkdown

HTML

GitHub

SQL

SAS

## SKILLS

Regression Modeling

Data Literacy

Social Network Analysis




Structural Equation Modeling

Made with the R package  
[pagedown](https://www.rstudio.com/packages/pagedown/).

Last updated on 2021-09-28.

- 2014 • **Introduction to Exponential Random Graph Modeling**  
Sage  Thousand Oaks, CA, USA
- Translated into Chinese in 2016.

## OTHER RELEVANT EXPERIENCE

- current  
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2017 • **Co-Founder & Co-Organizer**  
R-Ladies St. Louis  St. Louis, MO, USA
- Started St. Louis chapter of R-Ladies, a global organization with the mission of increasing gender diversity in the R community.
  - Organize 4–9 hands-on free R workshops each year.
  - Built partnerships with local businesses to provide space and food for workshops and networking.
- 2021 • **R Trainer**  
Various  Global
- Conducted virtual workshops for researchers as part of the 2021 Academic Hive Research Bootcamp training event held in Calabar, Nigeria.
  - Conducted workshops at Chapin Hall for stakeholders working on child maltreatment prevention at the University of Chicago in Chicago, IL.
  - Conducted an Introduction to R virtual workshop hosted by Sage Methods and open to participants globally.
- 2020 • **Co-Leader**  
useR! 2020 Annual Conference  St. Louis, MO, USA
- Collaborated on a successful bid to bring useR! to St. Louis.
  - As scientific lead had oversight of all keynotes, tutorials, talks, and posters.
  - For the first time since its inception, included more female than male keynotes (4 of 7) and our first Black keynote speaker.
  - Worked with leadership team, vendors, and other stakeholders to pivot to an abbreviated online format.

## SELECTED VOLUNTEER EXPERIENCE

- current  
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2019 • **Library Board Member**  
Webster Groves City Council  St. Louis, MO, USA
- Leading strategic planning efforts for next 5 years as chair of advance planning committee.
- current  
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2020 • **Notary Public**  
St. Louis City and County  St. Louis, MO, USA
- Certified in summer 2020 and volunteered to notarize at election events.
  - Provide free ballot notary services upon request.