

Chandler M. Spahr, PhD

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PROFESSIONAL SUMMARY Research scientist and statistician with a PhD in Social Psychology and expertise in human subjects research, health-related behavioral data, mixed-methods research, and real-world observational measurement. Extensive experience leading large-scale interdisciplinary projects, translating quantitative and qualitative data into actionable insights, and partnering with stakeholders to inform decision-making in health and well-being contexts.

SKILLS

Behavioral & Health Analytics

- Mixed-methods research design (observational, survey, experimental, meta-analytic)
- Behavioral measurement & coding system development
- Real-world / ambulatory data collection & analysis
- Health outcomes & psychosocial indicators

Statistical Methods & Software

- R, SPSS, Mplus, SAS, Excel (advanced)
- Statistical modeling (longitudinal analysis, multilevel modeling, CFA, EFA, APIMs, regression, ANOVA)
- Qualitative coding & thematic analysis (NVivo)
- Data interpretation and communication for stakeholders
- Data visualization (Tableau, ggplot2, PowerPoint)

Leadership & Collaboration

- Project management & team leadership (35+ team members)
- Cross-functional collaboration
- Mentorship & training

EDUCATION

Ph.D. Social and Personality Psychology (*Health and Well-Being Minor*) – UC Riverside **2025**

M.A. Social Psychology – San Diego State University **2020**

B.S. Psychology (*Professional Writing Minor*) – UC Davis **2017**

EMPLOYMENT EXPERIENCE

UCLA Lab for Stress Assessment and Research **2017–2025**

Project Manager & Statistical Analyst

- Led large-scale behavioral health research projects examining stress-related outcomes across diverse populations, integrating experimental, self-report, and meta-analytic data.
- Designed statistical analysis plans and research methodologies for human subjects studies examining psychosocial and health outcomes.
- Analyzed complex multi-site datasets to generate actionable insights related to mental health, resilience, and health behaviors, and translated findings for interdisciplinary stakeholders.
- Consulted with international research teams to adapt and implement behavioral measurement tools across cultural contexts, supporting global deployment.
- Supported IRB protocol preparation and regulatory documentation for federally funded human subjects research.

UC Riverside OBSERVE Lab

2020–2025

Behavioral Research Scientist

- Designed and led mixed-methods studies examining real-world social behavior and mental health using naturalistic audio data and observational coding systems.
- Developed and implemented behavioral measurement systems to quantify real-world social and psychological processes using naturalistic observational data.
- Applied advanced statistical modeling techniques (e.g., dyadic models, regression frameworks) to uncover behavioral patterns relevant to well-being.
- Managed and mentored a team of 35+ researchers, overseeing training, data quality assurance, and project timelines.
- Authored peer-reviewed publications and secured competitive grant funding to support applied behavioral research.

Associate Instructor (UC Riverside, SDSU)

2018–2025

- Communicated complex statistical and behavioral concepts to non-technical audiences through instruction, mentoring, and applied data analysis guidance.
- Supported learners working with real datasets, providing hands-on guidance in statistical modeling, interpretation, and data presentation.
- Relevant courses taught: Advanced Research Methods, Psychological Methods: Statistical Procedures

UC Riverside Science & Mathematics Initiative

2021–2022

Statistics Consultant and Data Analyst

- Consulted on study design, data modeling, and results interpretation for education and program evaluation projects.
- Translated statistical findings into clear recommendations to support organizational decision-making.

University of Southern California Keck School of Medicine

2017–2018

Data Analyst (Contractor)

- Analyzed psychosocial and health behavior data for a study of ethnic and sexual minority men, contributing to a peer-reviewed publication.
- Supported data preparation, modeling, and interpretation for health-focused research outcomes.

SELECTED PUBLICATIONS

First author publications in *Oxford Research Encyclopedia of Global Public Health* and *Journal of Social and Personal Relationships*

Author on **17 peer-reviewed publications** across health psychology, behavioral science, and neuroscience. (Full list available at chandlerpahr.com/publications).

REFERENCES

Available upon request.