

Lora Connor

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SUMMARY

Thirteen years hands-on experience using statistics and data analytics to design, implement, and analyze quantitative and qualitative research projects and surveys for large data sets.

SKILLS

- Statistical Package for the Social Sciences (SPSS) and Statistical Analysis in Excel
- Bivariate / Multivariate statistics such as ANOVA, Regression, SEM, Factor Analysis
- Databases & Data Manipulation Tools: SQL, SSRS, ArcGIS, BusinessObjects, Power BI
- SQL Query, HTML5, CSS3, Microsoft Office, SurveyMonkey, Qualtrics, Zoom, Canvas
- Speaker: Deliver engaging presentations & written reports about complex research findings

EXPERIENCE

2016 – Present Research Analyst IV, Orange County Social Services Agency

Serving in a lead capacity to design and implement research studies and surveys to collect data, establish facts and draw valid conclusions to evaluate SSA programs and services in a timely manner. Extracting large data sets from databases to create and manage complex analysis projects utilizing advanced computer programming, statistical techniques, and the principles of logic and scientific method to define problems involving several variables. Apply mathematical formulas and calculations to select appropriate statistical methods for collecting and summarizing data. Use tact and persuasion to elicit information to advocate research objectives.

2015 – Present Adjunct Professor, Orange Coast College

Teaching a 4-unit Experimental Psychology lecture and lab course that teaches students research methods, including research design, writing APA research proposals and reports, developing surveys, conducting experiments, statistically analyzing data, and presenting research results. Also taught a 3-unit Biopsychology course that teaches students the science of neuroanatomy, and a 3-unit General Psychology 100 course.

2013 – 2015 Master's Thesis Research Project, Department of Psychology, CSULB

Conceived, designed, and conducted original research to test the relationship between the neurotic personality trait and menopausal symptoms with stress and exercise as moderators. Wrote and presented the research proposal for approval to proceed; presented the final results for approval by the thesis committee. Designed and coded a web page for survey participants to inform them about the study's details, to gain their consent to participate, and then to complete the embedded survey using SurveyMonkey. Recruited participants through Social Media, analyzed data using SPSS, and wrote and presented results of research data for publication.

2012 – 2014 Research Assistant, Department of Psychology, CSULB

Conducted research for Professor Amir Khan on the Stress Overload Scale (SOS), which connects the link between stress and health as a tool for health intervention and preventative healthcare. Participated in study design and completed literature reviews and survey construction. Recruited participants and recorded, cleaned, and analyzed data in SPSS.

