The California Maternal Quality Care Collaborative (CMQCC) is a multi-stakeholder organization that operates within the Department of Pediatrics, Division of Neonatal and Developmental Medicine at Stanford; we are committed to improving maternal and infant outcomes through data-driven quality improvement.

We are seeking a Biostatistician; this individual will work independently and with a team. The Biostatistician will consult with investigators to refine research questions, define hypotheses, design studies and devise analysis plans, work with senior statistician(s) to implement analysis plan and publish findings, and present results orally to clinical investigators. S/he will provide guidance to clinical investigators on design and analysis issues.

Duties include:

- Design study.
- Develop and implement protocol for quality control.
- Create analytic files with detailed documentation.
- Select appropriate statistical tools for addressing a given research question.
- Implement data analysis through statistical programming.
- Present results for investigators using graphs and tables.
- Summarize findings orally and in written form.
- Participate in the preparation of papers for publication.
- Consult with investigators on appropriate statistical approaches to data analyses; assist in study design and proposal development.
- Mentor collaborators in areas of experimental design, quality control, and statistical analysis.
- Develop oral and written dissemination of findings for conference presentations and peer-reviewed journal articles.
- Oversee lower-level staff on issues related to quality control and creation of analysis files.

Qualifications

EDUCATION & EXPERIENCE (REQUIRED):

Master’s degree in biostatistics, statistics or related field and at least 3 years of experience.

KNOWLEDGE, SKILLS AND ABILITIES (REQUIRED):

- Proficient in at least two of R, SAS, SPSS, or STATA.
- Skills in descriptive analysis, modeling of data, and graphic interfaces.
- Outstanding ability to communicate technical information to both technical and non-technical audiences.
- Demonstrated excellence in at least one area of expertise, which may include coordinating studies; statistical methodology such as missing data, survival analysis, statistical genetics, or informatics; statistical computing; database design (e.g., expertise in RedCAP or MySQL); graphical techniques (e.g., expertise in Illustrator).

PHYSICAL REQUIREMENTS*:
- Frequently perform desk based computer tasks, seated work and use light/ fine grasping.
- Occasionally stand, walk, and write by hand, lift, carry, push pull objects that weigh up to 10 pounds.

* – Consistent with its obligations under the law, the University will provide reasonable accommodation to any employee with a disability who requires accommodation to perform the essential functions of his or her job.

https://www.statsjobs.com/jobs/biostatistician-stanford-university/