



## SENIOR BIostatistician, Health Services and Outcomes Research

Children's Mercy Kansas City is integrating innovative clinical care, research and academic advancement to transform outcomes for half a million children in Kansas City and across the globe.

Our Division of Health Services and Outcomes Research is expanding to enhance our already strong reputation for sound, effective results by increasing the infrastructure of professionals who collaborate and support faculty across Children's Mercy, partner institutions and the community. We have mature collaborations with the Saint Luke's Mid America Heart Institute's Cardiovascular Outcomes Research Center, University of Missouri-Kansas City, University of Kansas and University of Kansas Medical Center.

### The responsibilities of the senior biostatistician are to:

- Provide analytical support for research and publication activities within a variety of studies and registries supported by the Division of Health Services and Outcomes Research.
- Actively collaborate with researchers and study teams on new studies including design, grant proposals, planning, study operations, data validation and preparation, analysis and presentation of results.
- Research, implement and/or develop appropriate tools for managing and analyzing data.
- Provide support for the assessment of various health care quality improvement initiatives.
- Assist with didactic training opportunities in advanced methods for researchers.

### Expertise in any of the following is highly desirable:

- Querying information from large databases, designing and constructing theoretical algorithms and developing statistical models for functional hierarchical linear models (FHLMs).
- Providing expertise in adaptive designs in clinical trials, nonparametric statistics, bioinformatics, sequential analysis, quality control theory, time series analysis, applied probability, stochastic processes and probability theory.
- Providing expertise in Bayesian analysis in adaptive design, dose-ranging studies, biomarker-driven trials and regulatory issues associated with adaptive design.
- Assisting in the development of sequential, multiple assignment, randomized trials (SMART) to enable scientists to build adaptive interventions.

### For detailed information about this opportunity:

<http://bit.ly/1pRI9co>

**OR contact:** Kathy Goggin, PhD at [kgoggin@cmh.edu](mailto:kgoggin@cmh.edu).

### Application Instructions:

To apply, please submit (1) a current CV, (2) representative publications, and (3) at least two letters of recommendation to [physicianjobs@cmh.edu](mailto:physicianjobs@cmh.edu).

EEO Employer / Disabled / Vet

<http://www.childrensmercy.org/transform/>



### Children's Mercy Kansas City

Children's Mercy Kansas City is an independent, 354-bed pediatric health system, serving half a million patients each year from across the country. Children's Mercy has been ranked by U.S. News & World Report as one of "America's Best Children's Hospitals" and received Magnet® recognition three times for excellence in nursing services.

In affiliation with the University of Missouri-Kansas City, our faculty of nearly 600 pediatric subspecialists and researchers is actively involved in clinical care, pediatric research and educating the next generation of pediatric subspecialists. And, our leadership in pediatric genomic medicine and clinical pharmacology is driving research and innovation in heart care, neonatology, cancer treatment and other subspecialties to transform outcomes for children here and around the world.

For more information about Children's Mercy Kansas City, and about Kansas City itself, visit [www.childrensmercy.org](http://www.childrensmercy.org).

AAP/EEO