We have an opening for a Research Associate with a background/PhD in Epidemiology and/or Biostatistics. The position is posted on the JHU website as a Sr. Biostatistician as well as the faculty recruitment site, Interfolio. The Interfolio link is: https://apply.interfolio.com/62072 and the description is below.

—
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The Johns Hopkins University, Department of Anesthesiology and Critical Care Medicine is seeking a Research Associate to be part of the Clinical Research Core. The Research Associate Statistician is a faculty position functioning similarly to a Research Scientist.

General Purpose

The Clinical Research Core for the department of Anesthesiology and Critical Care Medicine is a key initiative supporting the strategic priority of Biomedical Discovery and the advance and integration of discovery, innovation, translation, and dissemination of biomedical research. The Core supports clinical research, clinical research training, and patient safety and quality initiatives involving acutely ill and/or injured adults and children and those undergoing surgical procedures. The Core is comprised of two major components: a Clinical Informatics and Analytics Unit and a Clinical Trials and Intervention Unit. An innovative and experienced Epidemiologist/Biostatistician leads the Core by establishing an efficient and responsive centralized service, providing oversight to staff, and collaborating with faculty researchers.
The position is responsible for the overall design, execution, and analysis of all research conducted under the oversight of the Core.

Duties and Responsibilities

• Collaborate with investigators on research projects with primary responsibility for study design, execution, and statistical analysis for various complex studies including: retrospective and prospective cohort trials, clinical trials, and database studies.

• Establish Core processes, function, and standard operating procedures

• Provide general direction to both units within the Core, through supervision of data analysis staff, and oversight of clinical trials staff.

• In collaboration with faculty investigators, and as an integral part of the study team, contribute to the development of research ideas and project proposals and lead some proposals when feasible.

• Collaborate with investigators on protocol designs, data analysis plans, statistical design, statistical analysis, grant applications, and preparation of presentations and publications.

• Design observational studies, along with relevant sampling design, sample size, and data analysis techniques and procedures. Recommend most appropriate statistical procedures.

• Responsible for the analytical plan, including design, implementation, and management of methods/systems for data analysis of studies.

  • Execute complex statistical analyses involving multi-level modeling, including regression, Bayesian, and longitudinal approaches
  • Write statistical design, methods, and analysis for manuscripts and research proposals
  • Participate with faculty investigators on committees to review concepts, proposals, and to continually improve research implementation and outcomes.
  • Implement appropriate methodologic procedures for statistical analysis, overall descriptive statistics, exploratory data analyses, including graphs, schematic summaries, and necessary transformations and confirmatory data analyses, including statistical tests and/or modeling.
  • Collaborate with investigators on the need for additional analyses and/or special methodologic needs.
  Prepare written reports of statistical analyses, including relevant statistical theory, references, methods, results, and conclusions.

• Contribute to education of trainees and junior faculty regarding design and analytic aspects of clinical research through oral presentations and/or written materials.

• Prepare manuscripts, reports, fact