

Research & Development



The Biostatistics Unit at Kaiser Permanente Washington Health Research Institute (KPWHRI) (<https://www.kpashingtonresearch.org/our-research/research-areas/biostatistics>) is seeking an entry-, mid- or senior-level MS or PhD biostatistician interested in applying statistical methods to data from observational studies and clinical trials in an interdisciplinary academic research environment. Using electronic health data from health care delivery systems, the position will involve collaboration across areas such as affordability, aging, cancer, health equity, informatics, immunizations, mental health, pharmacoepidemiology, and social determinants of health. The successful candidate will also support biostatistical methods research to improve the conduct of pragmatic trials and complex observational studies.

KPWHRI (formerly Group Health Research Institute) is an internationally recognized research organization (<https://www.kpashingtonresearch.org/>) that conducts epidemiologic, health services, preventative, and clinical research to improve health, health equity, and health care. The Institute's research is primarily funded through federal grants and contracts that total more than \$50 million annually. KPWHRI's position within Kaiser Permanente Washington (www.kp.org/wa), a not-for-profit health care delivery system in the Pacific Northwest, provides a natural laboratory to leverage healthcare data to study important health issues through clinical trials and observational studies. KPWHRI has over 300 employees, including a faculty of over 40 doctorate-level scientists trained in medicine, epidemiology, behavioral science, and biostatistics. The Biostatistics Unit is comprised of 8 PhD-level biostatistician investigators, 9 MS- or PhD-level collaborative biostatisticians, and 4 University of Washington (UW) biostatistics graduate students with collective expertise in Bayesian methods, causal inference, correlated data, electronic health records data, fairness in machine learning, large scale prediction modeling, pragmatic trial design, spatial statistics, and survival analysis. KPWHRI is part of a vibrant regional research community including the UW, Fred Hutchinson Cancer Research Center and Seattle Veterans' Affairs Medical Center.

Biostatistician I - Job #895523

In this role, you will provide statistical support, primarily under the direction of senior scientists, for multiple programs of interdisciplinary research conducted by clinical and health services researchers at the Kaiser Permanente Washington Health Research Institute. You will work closely with clinical and health services researchers to provide statistical input into all aspects of studies. Specific activities may include participating in study design and protocol development, writing statistical analysis plans, performing or overseeing data management activities, conducting statistical analysis, summarizing methods and results of analysis in written reports and/or for peer-reviewed scientific publication.

Qualifications Include:

- A master's degree in statistics or biostatistics
- The ability to work on two to three research projects at once
- Strong oral and written communication skills

Biostatistician II - Job #895530

In this role, you will provide statistical support, with minimal direction from senior researchers, for multiple programs of interdisciplinary research conducted by clinical and health services researchers at the Kaiser Permanente Washington Health Research Institute. You will work closely with clinical and health services researchers to provide statistical expertise on all aspects of studies and may act as the lead statistician on

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research projects. Specific activities may include participating in study design and protocol development, writing statistical analysis plans, performing or overseeing data management, conducting statistical analysis, summarizing methods and results of analysis in written reports and/or for peer-reviewed scientific publication.

Qualifications Include:

- At least five years of experience as a biostatistician I or comparable position
- A master's degree in statistics or biostatistics
- Strong oral and written communication skills
- The ability to work on four to five research projects at once
- The ability to work independently with minimal direction
- Proficiency with at least one major statistical programming package (SAS, Stata, R/S-Plus) preferred
- At least ten coauthored, peer-reviewed articles in scientific journals preferred

Biostatistician III - Job #895533

In this role, you will provide statistical support, without direction from senior researchers, for multiple programs of interdisciplinary research conducted by clinical and health services researchers at the Kaiser Permanente Washington Health Research Institute. You will work closely with clinical and health services researchers to provide statistical expertise on all aspects of studies and often acts as the lead statistician and may act as a co-investigator on research projects. You will ensure the use of appropriate statistical methods and sound interpretation of study results. Specific activities may include participating in study design and protocol development, writing statistical analysis plans, performing or overseeing data management, conducting statistical analysis, summarizing methods and results of analysis in written reports and/or for peer-reviewed scientific publication.

Qualifications Include:

- At least five years of experience as a biostatistician II or comparable position (or a minimum ten years of combined experience as a Biostatistician I or II or similar)
- A master's degree in statistics or biostatistics
- Strong oral and written communication skills
- The ability to work on five to seven grants/projects
- The ability to work independently
- The ability to plan and direct analysis activities on research grants
- The ability to mentor junior biostatisticians and programmers
- Proficiency with at least one major statistical programming package (SAS, Stata, R/S-Plus)
- Special expertise in application of at least one type of statistical methodology
- At least twenty coauthored, peer-reviewed articles in scientific journals

For immediate consideration, please visit <http://kp.org/careers> for complete qualifications and job submission details, referencing the above job numbers.

Questions about the position can be directed to Andrea Cook, Senior Scientific Investigator (Andrea.J.Cook@kp.org) or Shalah Smith, TA Consultant III (Shalah.Smith@kp.org). Additional application procedures may be required. For full consideration, submit materials by October 15; however, review of applications will continue until the position is filled.

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Kaiser Permanente is an equal opportunity employer committed to a diverse and inclusive workforce. Applicants will receive consideration for employment without regard to race, color, religion, sex (including pregnancy), age, sexual orientation, national origin, marital status, parental status, ancestry, disability, gender identity, veteran status, genetic information, other distinguishing characteristics of diversity and inclusion, or any other protected status.

External hires must pass a background check/drug screen. Qualified applicants with arrest and/or conviction records will be considered for employment in a manner consistent with federal and state laws, as well as applicable local ordinances, including but not limited to the San Francisco and Los Angeles Fair Chance Ordinances.

This position supports Kaiser Permanente's code of conduct and compliance by adhering to all laws and regulations, accreditation and licensure requirements, and internal policies and procedures.

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The Biostatistics Unit at Kaiser Permanente Washington Health Research Institute (KPWHRI) (<https://www.kp washingtonresearch.org/our-research/research-areas/biostatistics>) is seeking a doctoral-level faculty researcher in biostatistics to lead independent methodological research and to collaborate with multidisciplinary research teams on observational studies and pragmatic clinical trials in a setting with direct access to rich electronic healthcare data. Areas of potential collaboration include affordability, aging, cancer, health equity, informatics, immunizations, mental health, pharmacoepidemiology, and social determinants of health.

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Scientific Investigator I Seattle, Washington

In this role, you will develop and execute an independent program of research and evaluation resulting in grant and contract awards and recognition for Kaiser Foundation Health Plan of Washington and the Kaiser Permanente Washington Health Research Institute (KPWHRI).

Qualifications Include:

- At least two years of pre-doctoral research experience, including graduate training
- A doctoral degree in statistics, biostatistics or related field
- Strong oral and written communication skills
- Exceptional leadership skills; interpersonal, collaboration, and organizational skills
- The ability to interact successfully with diverse professionals in various scientific and managerial disciplines
- Operational management and leadership competencies, staffing management
- Familiarity with appropriate external funding sources for your field of research
- The ability to successfully compete for external research funding
- Content expertise in your professional scientific field with knowledge of research methods appropriate to your content field

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- The ability to establish independent research career based on area of expertise, training, and research experience to date

For immediate consideration, please visit <http://kp.org/careers> for complete qualifications and job submission details, referencing job number 895250. Please submit a letter of interest, CV, and research statement with your application. Additional application procedures may be required. For full consideration, submit materials by November 1, 2020; however, review of applications will continue until the position is filled. Salary will be commensurate with qualifications.

Questions about the position can be directed to the Director of Biostatistics at KPWHRI: Jennifer Nelson, PhD (Jen.Nelson@kp.org) or Shalah Smith, TA Consultant III (Shalah.Smith@kp.org).

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