Data Analyst/Biostatistician Research Staff Position, University of Pennsylvania

The Computational Breast Imaging Group (CBIG) of the Radiology Department at the University of Pennsylvania has an open position for a Data Analyst/Biostatistician. CBIG is a research group within the Center for Biomedical Image Computing and Analytics (CBICA) with a mission to act as a translational catalyst between computational imaging science and breast cancer research. Work in our group focuses on developing methods for multimodality breast image analysis and incorporating novel imaging biomarkers into predictive models to improve personalized clinical decision making for breast cancer screening, prognosis, and treatment.

Duties

Responsibilities will include providing biostatistics and data analysis support across research projects, such as developing, documenting, and maintaining research data files, perform data cleaning and validation, management of data needed for analysis, and execution of analysis plans using statistical software packages (i.e., Matlab, R, STATA, SPSS, etc.). In addition, the data analyst/biostatistician will be expected to read and review related biomedical and clinical research literature, communicate results to lab members, and contribute in writing and editing of statistical methods sections of manuscripts and abstracts for presentations and publications.

Qualifications

The ideal candidate should have a MS degree in biostatistics, epidemiology, or public health and 1-3 years of experience working full-time with statistical programs as SAS, R, STATA, Python etc. or an equivalent combination of education and experience; any additional clinical research certification is a plus. Background in biomedical research, especially oncologic imaging research or specifically breast cancer research is preferred. Excellent interpersonal and communication (written and verbal) skills are essential, as well as strong organizational and documentation skills, to manage multiple projects effectively and meet deadlines. Experience with managing large and complex datasets is strongly preferred, with the ability to import/export data into or from various formats (i.e., Excel, Access, RedCAP etc.) into standard statistical software.

The successful applicant will join a vibrant collaborative research environment, will work closely with breast cancer clinical investigators, biostatisticians, and computational researchers, and will gain a first-hand experience of our breast imaging program. Collaborators include faculty in our Radiology department, the Abramson Cancer Center, the Institute for the Translational Medicine and Therapeutics, and the Center for Clinical Epidemiology and Biostatistics.

For more information, and to apply please visit: https://jobs.hr.upenn.edu/postings/16454
For additional information regarding the Computational Breast Imaging Group, and University of Pennsylvania Centers, please visit:

Computational Breast Imaging Group (CBIG)  
http://www.uphs.upenn.edu/radiology/research/labs/cbig/

Center for Biomedical Image Computing and Analytics (CBICA)  
http://www.cbica.upenn.edu/

Penn Radiology Breast Imaging  
http://www.uphs.upenn.edu/radiology/patient/services/women/

Center for Clinical Epidemiology and Biostatistics (CCEB)  
https://www.cceb.upenn.edu/

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