Memorial Sloan Kettering Cancer Center (MSK) has a position for a talented and productive research biostatistician to support the breast imaging Service in the Department of Radiology. The cross-disciplinary breast cancer imaging team at Memorial Sloan Kettering Cancer Center has multiple projects that seek to analyze image data to better understand image features associated with breast cancer prognosis and treatment response. The Service is committed to research that is based on personalized and predictive medicine and outcomes driven. Current projects include, for example, efforts to predict breast cancer biological aggressiveness based on derived image characteristics; identification of breast image risk factors associated with increased risk of developing breast cancer; and predicting response to targeted therapies. A focus on oncology, tumor response assessment, drug delivery and/or tumor metabolism is desirable, although not a requirement. We also have several trials on-going comparing full field digital mammography, contrast-enhanced mammography and whole breast ultrasound as well as high risk screening MRI. The position will involve working jointly with radiologists, surgeons, oncologists, computer scientists, and medical physicists. Clinical trial design, knowledge of statistical methods and data mining is a requirement. Advanced knowledge in big data analysis and applied statistics would be desirable. A master’s degree is required.

The ideal candidate would be an integral member of the breast imaging service and would be the bioinformatics specialist for projects which would focus on data mining, integration, analysis and applied statistics. This position will establish a standard that will allow us to ask and possibly answer complex clinical questions pertaining to breast cancer biology including correlations with imaging data and genetic and proteomic sequences. The candidate would be in compliance with all regulatory, institutional and departmental regulations. She/he should have excellent communication skills with a proven ability to work successfully within a multi-disciplinary physician-scientist team on research projects. The successful applicant will work with collaborators in but not limited to the Epidemiology and Biostatistics Department and the Medical Physics Department. The successful applicant should have strong analytical, writing and verbal skills.

The successful candidate will have a primary appointment within the Department of Radiology. Within the Breast Imaging Service there are currently 22 Radiologists, many who are actively engaged in research. There is a visiting research program where we have had research scholars from China, Italy, Australia, Croatia, Colombia, Brazil, Uruguay, and Serbia.

MSK is an NCI-Designated Comprehensive Cancer Center, and is recognized as one of the largest and most successful comprehensive cancer centers in the world, based on the availability
of outstanding care-givers, “state of the art” facilities for cancer care, a commitment to excellence in the training of professionals for oncology, and cutting-edge cancer research. With a history extending over 100 years, The Department of Radiology is one of the oldest and largest cancer radiology groups in the world. MSK offers competitive salaries and benefits. Applicants with appropriate credentials from leading international centers are welcome to apply. We are happy to receive applications from outside the U.S. Interested applicants should forward a curriculum vitae and bibliography to:

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