Applications are being accepted for Post Doctoral Researcher Positions in the Statistical Analysis & Forecasting Group of Mathematical Sciences Department. (The “post doctoral position” is the title for a junior research scientist position, one of two researcher positions at IBM Research.) The responsibilities include developing statistical solutions for projects impacting current IBM business and conducting methodological research in statistics. The work is collaborative in nature, teaming with other researchers/scientists, business executives/consultants, market analysts, system/software engineers, external clients, and others. All requirements for a Ph.D. degree in statistics or a related field must be completed prior to the employment start date. Also required are outstanding research potential/record, broad knowledge in statistical methods, experience in applied problem solving, and excellent communication/collaboration skills. Applicants are expected to have keen interest in developing innovative methodological solutions to a wide range of problems, and to be an effective team member in interdisciplinary research projects. The candidate will also work closely with IBM product/service teams to develop statistical algorithms that are integrated into IBM assets. Preferred qualifications include demonstrated expertise/experience in spatio-temporal analysis, structured multivariate time-series or longitudinal data analysis, high dimensional forecasting, analysis of physical systems/models, and managing/leading interdisciplinary applied projects. Preference will also be given to applicants who are fluent in object-oriented programming languages. The start date for a successful candidate is expected to be any time in the first eight months of 2017, although one of the positions may target early 2017 start.

To apply, send a CV and a research plan statement, and also arrange for at least three reference letters to be sent directly to Yasuo Amemiya (Head, Statistical Analysis & Forecasting) at yasuo@us.ibm.com, all by e-mail attachment. Applications are reviewed immediately, and will be accepted until positions are filled. Early submissions are strongly encouraged.

IBM T. J. Watson Research Center, located in the Westchester County, NY, approximately 30 miles north of New York City, is a leading industry research organization with world-class researchers in mathematical sciences, computer science, information technology, physical sciences, and system engineering. The Center provides an excellent environment for interdisciplinary research, and offers opportunities to be involved in innovative research projects. Current projects in statistics include spatio-temporal analytics for complex environmental and biological problems, multivariate time-series analysis for enterprise business process management, large system/facility management based on measurements and physical models, high-dimensional business metric forecasting, analytics for energy production/demand/distribution, enterprise sales/marketing analytics, and cognitive business analytics.