Lineberger Comprehensive Cancer Center at The University of North Carolina at Chapel Hill is accepting applications for a Research Associate (Data Analyst) with a strong statistical/biostatistical background and demonstrated background in analytic data mining of large health care related datasets. This position is needed to join a rapidly growing team that supports research studies in UNC Lineberger by manipulating very large datasets. Together with the Faculty Director, this person will interface directly with clinical and research partners and assist in the data management and development of analytic datasets for statistical analyses and interpretation of very large secondary data sets for retrospective, observational studies.

Educational Requirements: Completion of a Master’s degree or Bachelor’s with 5 + years of experience in computer science, engineering, mathematics, operations research, statistical/biostatistics, or other related fields.

Qualifications and Experience: Required: Demonstrated knowledge of and experience in analyzing large linked health care research datasets (1 million+ observations; 1000+ variables; complex joins; entity relationships). Certification in SAS Base, SAS Advanced and experience with SQL (MySQL or SAS Proc SQL); knowledge of Oracle, Hadoop or other large data management solutions is a plus. Demonstrated skill and experience with large data manipulation, algorithms, advanced math, or statistical modeling. Excellent analytical and problem solving skills with attention to detail, data accuracy, and documentation. Strongly Preferred: Experience with administrative claims data (e.g., Medicare, MarketScan) clinical trials data, registry, or cancer surveillance data. Experience with outcomes research and comparative effectiveness research. Very strong communication and interpersonal skills; ability to synthesize data from multiple sources; experience working on projects that requires multi-level coordination. Strong customer service skills and service orientation. Preferred: Experience designing and developing automated analytic software, techniques, and algorithms. Experience with statistical software (Stata, R, Winbugs). Familiarity with and/or experience in statistical modeling, management of missing data, and censoring/truncation.

Please apply online: http://unc.peopleadmin.com/postings/72701 provide CV, cover letter and contact information for 3 references.

The University of North Carolina at Chapel Hill is an equal opportunity, affirmative action employer and welcomes all to apply regardless of race, color, gender, national origin, age, religion, genetic information, sexual orientation, gender identity or gender expression. We also encourage protected veterans and individuals with disabilities to apply.