Overview:

Located in Boston and the surrounding communities, Dana-Farber Cancer Institute brings together world renowned clinicians, innovative researchers and dedicated professionals, allies in the common mission of conquering cancer, HIV/AIDS and related diseases. Combining extremely talented people with the best technologies in a genuinely positive environment, we provide compassionate and comprehensive care to patients of all ages; we conduct research that advances treatment; we educate tomorrow's physician/researchers; we reach out to underserved members of our community; and we work with amazing partners, including other Harvard Medical School-affiliated hospitals.

Responsibilities:

The Department of Biostatistics and Computational Biology at the Dana-Farber Cancer Institute seeks a postdoctoral fellow with expertise and interest in the analysis of BigData. The successful candidate will work jointly with mentorship from Giovanni Parmigiani and Deborah Schrag, and in collaboration with Afshin Goodarzi at 1010data, on a project to examine utilization of anticoagulation drugs in cancer patients. The project will use a complete cross section of several years of drug sales data from RiteAid, consisting of millions of records. The fellow will also engage in state of the art data science innovation related to the project’s challenges. The position offers excellent scientific training opportunities in a highly stimulating and interdisciplinary environment involving close interactions between computational scientists and medical oncologists.

Qualifications:

Applicants should have a strong quantitative background and hold a Ph.D. in Computer Science, Statistics or Biostatistics. Previous interdisciplinary collaboration experience, and previous experience with massive data sets are a strong asset. Good communication and programming skills are required.

The work can start as early as January 2017.

Please send your CV and three (3) letters of reference to chair@jimmy.harvard.edu.