Janssen Research & Development, L.L.C., a Johnson & Johnson company, is recruiting for a Postdoctoral Fellow, Population Analytics, to be located at our San Francisco site in the United States.

Janssen Pharma R&D seeks an innovative postdoc with expertise in statistical and computational techniques including experience managing and analyzing big data to support our pharmaceutical and/or biomedical research, drug discovery and development. He/she will be part of the Computational Sciences group in the Discovery Sciences organization within Janssen Pharma R&D. He/she will be part of the Population Analytics team which is a new, dynamic initiative focused on Precision Medicine, Disease Interception, and Real World Evidence in support of cross-enterprise initiatives. Their mission is to support longitudinal, prospective, population-based studies that take into account individual variability in genes, environment and lifestyle and exploit the knowledge gained to increase understanding and interception of disease. This postdoc will develop dynamic predictive modeling methods and tools to integrate heterogeneous data sources deriving from electronic health records, ‘omics, sensors and imaging and apply them to address questions of interest within our therapeutic areas.

We seek an individual with strong training and experience in applied quantitative methods. Candidates should possess outstanding communication skills as well as broad biological interests that will enable them to facilitate interactions between laboratory-based and computational scientists in our Therapeutic Areas and Disease Area Strongholds. He/she will help manage the delivery of scientific analyses in support of our R&D teams and collaborators within and outside Janssen. He/she will perform and publish high-quality research relevant to the mission of the organization. He/she will effectively communicate data and results to our stakeholders within and outside of J&J and work effectively with colleagues across J&J sectors.

The postdoc will span two years, with the possibility of an additional year. Where appropriate, the postdoc will participate in training and development sessions & workshops within Janssen/J&J, as well as attend and present at external conferences. He/She will receive guidance and mentoring to participate and contribute to ongoing efforts focused on the search for safe and effective therapies. The goal is to help him/her integrate into and develop an understanding of the pharmaceutical environment, develop skills needed for maximizing potential and network within our enterprise.

**Job Qualifications:**

A Ph.D. in computational sciences, mathematics/statistics, biostatistics, genetics/genomics or bioinformatics is required. Experience with Bayesian approaches and/or time series is a plus. Strong computing and data management skills and demonstrated ability to deliver on objectives in defined timelines are required. Experience in the field of bioinformatics, genetic epidemiology, computational/statistical genetics is a plus. Experience with drug discovery and development practices and project support in a large pharmaceutical setting is a plus. Being independent, self-motivated and innovative and the ability to excel in a goal-oriented, multifaceted and fast-moving team environment are required. Outstanding communication and interpersonal skills, with a successful track record of collaborating with multidisciplinary scientific teams is required.

For additional information please contact Emma Huang, Associate Scientific Director of Population Analytics, at bhuang26@its.jnj.com.