

## **POSTDOCTORAL FELLOW IN STATISTICS/DATA SCIENCE, Brandeis University**

Duration: Two Years

Start Date: July 1, 2017 (flexible)

This position is for a Sloan Foundation-funded project, entitled: “Reinventing the Elder Workforce: Creative Productivity Over the Life Course Through the Lens of Patent Data. The goals of the project are to create a new patents database of inventors with their demographic information, and use it to analyse how the success of inventors varies with age, including effects of age-heterogeneous collaboration. The fellow will oversee creation and testing of the database, and statistical analyses, under direction of the PIs. Expertise in statistical matching of data from multiple sources, multiple imputation and statistical analysis with missing and mis-measured data, experience with longitudinal data analyses, and management and manipulation of large datasets are essential. Knowledge of methods for ‘scraping’ large quantities of data from multiple internet sites is highly desirable. PhD in statistics, social science with strong statistics base, data analytics or related field. Inquiries may be directed to Dr. Margie Lachman via email ([lachman@brandeis.edu](mailto:lachman@brandeis.edu)) or Dr. Adam Jaffe ([adam.jaffe@motu.org.nz](mailto:adam.jaffe@motu.org.nz)). To be considered for the position, candidates should submit their application materials to: [postdocpsych@brandeis.edu](mailto:postdocpsych@brandeis.edu). Please indicate your application is for the **Patents Postdoc** and include: a letter of interest, curriculum vitae, statement of research and statistical experience and career goals, and relevant publications. Please ask three referees to submit confidential letters of recommendation. Review of applications will continue until the position is filled. The position begins on July 1, 2017, with some flexibility in the start date.

*Brandeis University is an equal opportunity employer, committed to building a diverse intellectual community, and strongly encourages applications from women and minority candidates*