



## Vacancy for a PhD Student

## Department of Biostatistics

### The Position

The Department of Biostatistics at the Erasmus Medical Center (Erasmus University), Rotterdam, the Netherlands has a vacancy for a fulltime PhD student on the topic of *Joint models of longitudinal and survival data incorporating environmental influences to predict lung disease progression and pulmonary exacerbations in patients with cystic fibrosis* under the supervision of Dr. Eleni-Rosalina Andrinopoulou and Professor Dimitris Rizopoulos. This is a fully funded position for a period of 4 years, starting from October 2019. This position is primarily focused on research, but the PhD student will also be expected to assist in the teaching and consulting responsibilities.

The department of Biostatistics is well known for its innovative statistical research in analyzing complex data structures (longitudinal and survival data, correlated data, missing data, censored data, Bayesian techniques, smoothing techniques, etc.).

### Profile of Successful Candidates

Successful candidates are expected to have a strong background and preferably hold a master's degree in Statistics/Biostatistics or a related field. Knowledge of mixed effects models, survival analysis, Bayesian statistics, R or C++ will be considered a plus. A good command of the English language is a prerequisite.

### Information

For more information or questions about this position please contact Dr. Eleni-Rosalina Andrinopoulou (Department of Biostatistics, Erasmus MC; e-mail: [e.andrinopoulou@erasmusmc.nl](mailto:e.andrinopoulou@erasmusmc.nl))

## **Terms of Employment**

The [terms of employment](#) are according to the Collective Bargaining Agreement for Dutch University Medical Centers (CAO UMC). The Erasmus University propagates an equal opportunities and diversity policy. The qualifications of the candidate determine the academic level in which he/she will be ranked.

## **Application**

Interested candidates should send a CV, a letter of motivation (explaining why they are interested in this position) and supporting documents (e.g., grades in related courses) to Mrs. Eline van Gent at [secretariat.biostatistics@erasmusmc.nl](mailto:secretariat.biostatistics@erasmusmc.nl).

**A first round of interviews is planned in the second week of September.**