Biomedical Data Scientist

University of Glasgow, Glasgow, Scotland

Apply

We are looking to employ an experienced Biomedical Data Scientist. The aim of this post is to harmonise and integrate anonymous patient data (including clinical and genetic data) into a tranSMART database and subsequently assisting/leading in-depth analyses of the datasets. You will have lead responsibility for designing, programming, documenting, managing and maintaining the technical architecture of the tranSMART system and related data import and export functionality, as well as supporting systems administration and operational requirements within the Institute.

You will take the lead on the extraction, transformation and loading of patient data from multiple sources into the system, for storage, reporting and analysis purposes by the Immune-Mediated Inflammatory Disease Biobanks in the UK IMID-Bio-UK community. Later in the project, data will be exported from tranSMART into statistical packages for analysis by groups internal to the University of Glasgow in addition to external project partners and collaborators. You will also maintain the database and generate analysis scripts to assist and/or lead on analyses of the datasets.

It is anticipated that a range of technologies including script programming, (Python or PERL), and maintenance of the database (PostgreSQL, VM, Ubuntu, Apache web server) will be required. You will be adept at learning new technologies as required.

This job offers the opportunity to work with big data in cloud computing environments, with access to the state of the art MRC-eMedLab cloud computing environment. You will be part of an interdisciplinary team, including clinicians, immunologist, bioinformaticians, computer scientist and statisticians at the University of Glasgow with the aim to understand the mechanism of RA / IMID.

This post is full time and has funding for 2 years in the first instance.

Salary: Grade 7, £34,520 – £38,833 per annum

To apply online, please refer to http://www.gla.ac.uk/explore/jobs/ and search for post vacancy reference M00786

Closing date: 2 July 2018

It is the University of Glasgow’s mission to foster an inclusive climate, which ensures equality in our working, learning, research and teaching environment.

We strongly endorse the principles of Athena SWAN, including a supportive and flexible working environment, with commitment from all levels of the organisation in promoting gender equity.

The University of Glasgow, charity number SC004401.

https://www.statsjobs.com/job/biomedical-data-scientist/