Scientific data coordinator/curator

Job description

ONE POSITION AS SCIENTIFIC DATA COORDINATOR / CURATOR/ researcher (SKO 1109) is available at the Institute of Basic Medical Sciences, Department of Molecular Medicine, until June 30, 2021, with possibility for extension.

The data coordinator / curator will work in a multidisciplinary environment at the Neural Systems laboratory (NeSys), which has a leading role in the Neuroinformatics platform of the EU Human Brain Project. The Human Brain Project is a European Flagship project with 117 universities and research institutes in 19 countries. The goal of the project is to increase our understanding of the human brain by accelerating large-scale collaborative neuroscience across a wide range of disciplines.

To accomplish this goal we are building a novel neuroscientific research infrastructure (http://ebrains.eu) in which heterogeneous and multiscale neuroscience data from project collaborators across Europe can be integrated and made publicly available. The Neural Systems Laboratory is responsible for providing data curation, rodent brain atlas resources, software tools, and special support for users of software and workflows. The following two video sequences provide general information about data curation in HBP and rodent brain atlasing:

https://www.youtube.com/watch?v=atCdA2H45iU
https://www.youtube.com/watch?v=d-FwWfdDR_8

The data coordinator / curator to be recruited will be part of the Human Brain Project data curation team. The position should be filled as soon as possible.

More about the position

The data coordinator / curator employed will have specific responsibilities for:

- Supporting the development of curation tools and workflows for the HBP curation team
- Contributing to curation of neuroscience data (imaging, morphology, MRI, electrophysiology) and associated metadata produced by HBP partners and non-HBP contributors

Qualification requirements

We are looking for a highly motivated and competent researcher with relevant experiences, holding a PhD/ Master’s degree (M.Sc) in a relevant field of life science, who enjoys working in an international and interactive environment.

The successful candidates should have a solid background in neuroscience. The preferred candidate will have experience with advanced analytical tools for neuroscience, preferably from anatomical research or python-based workflows. Due to the interdisciplinary nature of the project, the candidate should also have experience with or a strong interest in Open Science and big data. Experience using statistical computer languages (R, Python, SLQ, etc.) to manipulate data and draw insights from large data sets would be positively valued. Solid programming skills and experience writing non-trivial programs particularly in Python is an advantage. Personal prerequisites to carry out the project will also be highly weighted. Experiences from working in an academic and / or multicultural / multidisciplinary environment is an advantage. The assumed academic and personal ability of the candidate to complete the tasks successfully will also be considered.

Short-listed applicants may be invited for an interview at the University of Oslo or by videoconference.

Requirements

- Applicants must either have a PhD or five year Master degree
- Fluency in spoken and written English
- The candidate must be capable of taking initiatives and work independently

We offer

- An interesting and challenging assignment in a research group which has a central position in a high-profile research and infrastructure project
- A productive research environment with a strong team of developers, data curators and neuroscience researchers
- Salary level between NOK 523 200 - 583 900 depending on qualifications
- Favourable pension arrangements Norwegian Public Service Pension Fund
- Attractive welfare arrangements benefits.

How to apply

The application must include:
• The application letter (including a summary of applicant’s scientific work and interest and describing how she/he fits the description of the person we seek)
• CV (summarizing education, positions, pedagogical experience, administrative experience and other qualifying activity
• Copies of educational certificates with grades, letters of recommendation
• Names and contact details of 2-3 referees (names, relation to candidate, e-mail and phone number)
• A complete list of publications and all academic work that the applicant wishes to be considered by the evaluation committee

Formal regulations

Please see the guidelines and regulations for appointments to Research Fellowships at the University of Oslo.

According to the Norwegian Freedom and Information Act (Offentleglova) information about the applicant may be included in the public applicant list, also in cases where the applicant has requested non-disclosure.

The University of Oslo has an agreement for all employees, aiming to secure rights to research results etc.

The University of Oslo aims to achieve a balanced gender composition in the workforce and to recruit people with ethnic minority backgrounds.

Contact information

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About the University of Oslo

The University of Oslo is Norway’s oldest and highest ranked educational and research institution, with 28 000 students and 7000 employees. With its broad range of academic disciplines and internationally recognised research communities, UiO is an important contributor to society.

The Institute of Basic Medical Sciences overall objective is to promote basic medical knowledge in order to understand normal processes, provide insight into mechanisms that cause illness, and promote good health. The Institute is responsible for teaching in basic medical sciences for the programmes of professional study in medicine and the Master's programme in clinical nutrition. The Institute has more than 300 employees and is located in Domus Medica.

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