The "Computational Metagenomics" subinstitute at the institute of Bio- and Geosciences (IBG-5) is dedicated to bioinformatics research activities focussing on the interdisciplinary decoding and analysis of metagenomes. In particular, the focus is on the use of cloud computing technologies to analyse large amounts of data and to support various applications in the life sciences and biomedicine. The IBG-5 integrates service and infrastructure networks at both national (de.NBI) and international (ELIXIR) level in order to make such data analyses more efficient and automated for both the scientific community and the end user.

We are looking to recruit a

Research Associate - Bioinformatics Training Officer (m/f/d)

Your Job:
The newly founded "German Competence Centre Cloud Technologies for Data Management and Processing (de.KCD)", an association of the eight partners of the de.NBI Cloud, focuses primarily on teaching skills in the areas of workflows, cloud computing, data management and data processing in cloud computing environments. In close cooperation with de.NBI and ELIXIR, sustainable training materials are to be developed for researchers from various disciplines and taught in various courses or provided as online self-study units. For this task, we are looking for an experienced and motivated Research Associate with experience in (bio)informatics and with an interest in knowledge transfer in computer-aided (life)sciences.

Your tasks in detail:
• Design and definition of a sustainable process for the life cycle of training materials
• Design and development of high-quality training material embedded in a structured training programme
• Organisation and implementation of training courses and workshops and cooperation in this area with the project partners
• Support in the creation of information materials for the external presentation of the
• Establishment of an internal monitoring and reporting system to record relevant key performance indicators for academic achievements
• Supporting project management in the organisation of project events and reporting
• Regular dialogue with internal and external project partners
• Active awareness of the latest developments in computational research, in particular using cloud computing technologies and Data Science

Your Profile:
• Scientific university degree (Master’s/Diploma) related to the life or natural sciences or related fields, preferably with a doctorate/PhD studies
• Practical experience in data-driven science (e.g. data analysis, applied statistics, visualisation, etc.)
• Strong interest, experience and/or formal qualifications (e.g. Carpentries, RStudio instructor certification, etc.) in teaching computer-based research skills in targeted training courses
• Working knowledge of programming/scripting languages such as Python, R, Bash and concepts of scientific data processing such as version control, cloud computing, cluster computing, workflow management, data literacy, etc.
• Very confident with Linux/Unix
• Knowledge of sequence analysis and metagenomics, especially in the processing of NGS data is an advantage
• Strong interpersonal skills and ability to work effectively in a team
• Strong communication skills, verbal and written expression in German and English
• Enjoy working in an interdisciplinary, science-orientated environment at the interface between science, teaching, administration, politics and business
• Willingness to travel and actively participate in conferences, networking events and project meetings

Our Offer:
We work on highly topical socially relevant issues and offer you the opportunity to play an active role in shaping change! We support you in your work through:
• Highly interesting, interdisciplinary, varied work in a highly topical subject area
• Participation in project meetings and conferences
• Strong support and mentoring for building a future career in academia and/or industry
• Further development of your personal strengths, e.g. through an extensive range of training courses; a structured further training programme and networking opportunities especially for PhD students via JuDocS, the Jülich centre for PhD students and supervisors:https://www.fz-juelich.de/judocs
• Optimal conditions for a good work-life balance and a family-conscious company policy
• The possibility to work flexibly (in terms of location), e.g. in a home office, is generally given after consultation and in accordance with the tasks and (on-site) appointments at hand
• Academic achievements and a company pension scheme
• Flexible working hours in a full-time position (39 hours/week) with the option of slightly reduced working hours
• 30 days holiday plus all bridging days and always off duty between Christmas and New Year
• Targeted services for international employees, e.g. through our International Advisory Service
We offer you an exciting and varied role in an international and interdisciplinary working environment. The position is initially for a fixed term of 2 years, with possible long-term prospects. Salary and social benefits will conform to the provisions of the Collective Agreement for the Public Service (TVöD-Bund), pay group EG 13, depending on the applicant’s qualifications and the precise nature of the tasks assigned to them.

In addition to exciting tasks and a collaborative working atmosphere at Jülich, we have a lot more to offer: https://go.fzj.de/benefits

Place of employment: Bielefeld

We welcome applications from people with diverse backgrounds, e.g. in terms of age, gender, disability, sexual orientation / identity, and social, ethnic and religious origin. A diverse and inclusive working environment with equal opportunities in which everyone can realize their potential is important to us.