Postdoctoral position in Marine Micropaleontology and Paleoceanography at the Department of Geoscience, Aarhus University

The Paleoceanography and Paleoclimate Group at the Department of Geoscience, Aarhus University, Denmark, invites applications for a position in marine micropaleontology and paleoceanography at the postdoctoral level. The successful candidate will be part of a research group studying Holocene and late Quaternary paleoclimate and paleoceanography of the North Atlantic region.
The postdoctoral project is part of a large international EU Horizon 2020 project, ECOTIP, on the effect of climate change on ecosystems and biota in the Arctic region. The role of Aarhus University in the project is to provide the long-term perspective on these changes during recent millennia.

The position has a fixed term of 2 years, starting as soon as possible, or whenever the successful applicant is available.

Job description
The postdoctoral project will focus on investigating the link between temporal changes in climate and biodiversity and ecosystems changes in the Greenland and North Atlantic regions, with special focus on the reaction of biota to climate change.
The main tools of the postdoc project will be the investigation of marine sediment cores using a combination of preferably marine palynology, but also micropaleontology (diatoms, foraminifers, or ostracods), sedimentology, and geochemistry (XRF elemental data, stable isotopes, CaCO3, TOC, organic biomarkers) in a multi-proxy study. The postdoc will also experiment with the potential use of copepod remains in sediment samples.
Within the framework of the ECOTIP project, there is considerable freedom for the postdoctoral researcher to develop the project together with the hosts at Aarhus University.

Qualifications
The successful applicant will have a PhD in geoscience or related fields. Candidates should preferably have knowledge on Quaternary marine micropaleontology (especially marine palynology), although specialists in other techniques/proxies are also invited to apply. Experience in multi-proxy studies, paleoceanography and/or numerical/statistical data treatment will be considered favourably. Excellent oral and written English skills are a requirement.

Place of Employment and Place of Work:
The place of employment is Aarhus University, and the place of work is the Department of Geoscience, Aarhus University, Høegh-Guldbergs Gade 2, DK-8000 Aarhus C, Denmark: geo.au.dk/paleo

Contact Information:
Applicants seeking further information are invited to contact:
Professor Marit-Solveig Seidenkrantz, Department of Geoscience, University of Aarhus, Denmark; mobile phone +45 2778 2897; Email: mss@geo.au.dk.
Dr. Christof Pearce, Department of Geoscience, University of Aarhus, Denmark; mobile phone +45 9350 8915; Email: christof.pearce@geo.au.dk.

Application procedure
Shortlisting is used. This means that after the deadline for applications – and with the assistance from the assessment committee chairman, and the appointment committee if necessary, – the head of department selects the candidates to be evaluated. All applicants will be notified whether or not their applications have been sent to an expert assessment committee for evaluation. The selected applicants will be informed about the composition of the committee, and each applicant is given the opportunity to comment on the part of the assessment that concerns him/her self. Once the recruitment process is completed a final letter of rejection is sent to the deselected applicants, including the main considerations emphasized during the selection process.

Formalities and salary range
Natural Sciences refers to the Ministerial Order on the Appointment of Academic Staff at Danish Universities under the Danish Ministry of Science, Technology and Innovation.

Ansøgningsfrist:
15. september 2020

Fakultet:
Faculty of Natural Sciences

Institut/VD-område:
Institut for Geoscience

Faglig kontaktperson:
Marit-Solveig Seidenkrantz
Institutleder
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+4527782897

Antal ledige stillinger:
1

Timer pr. uge:
37

Antal måneder:
24

Forventet tiltrædelsesdato:
01-11-2020

The application must be in English and include a curriculum vitae, degree certificate, a complete list of publications, a statement of future research plans and information about research activities, teaching portfolio and verified information on previous teaching experience (if any). Guidelines for applicants can be found here.

Appointment shall be in accordance with the collective labour agreement between the Danish Ministry of Finance and the Danish Confederation of Professional Associations. Further information on qualification requirements and job content may be found in the Memorandum on Job Structure for Academic Staff at Danish Universities.

Salary depends on seniority as agreed between the Danish Ministry of Finance and the Confederation of Professional Associations.

All interested candidates are encouraged to apply, regardless of their personal background.

Research activities will be evaluated in relation to actual research time. Thus, we encourage applicants to specify periods of leave without research activities, in order to be able to subtract these periods from the span of the scientific career during the evaluation of scientific productivity.

Aarhus University offers a broad variety of services for international researchers and accompanying families, including relocation service and career counselling to expat partners. Read more here. Please find more information about entering and working in Denmark here.

Aarhus University also offers a Junior Researcher Development Programme targeted at career development for postdocs at AU. You can read more about it here.

The application must be submitted via Aarhus University's recruitment system, which can be accessed under the job advertisement on Aarhus University's website.

Aarhus University
Aarhus University is an academically diverse and research-intensive university with a strong commitment to high-quality research and education and the development of society nationally and globally. The university offers an inspiring research and teaching environment to its 38,000 students (FTEs) and 8,000 employees, and has an annual revenues of EUR 885 million. Learn more at www.international.au.dk/