



The Integrated Research Training Group of Collaborative Research Centre 1211 “*Earth – Evolution at the Dry Limit*” at the University of Cologne, Germany, invites applications for

1 IRTG fellowship in Project A04 - *Land-ocean coupling between the Humboldt Current System and Atacama palaeoclimate in the Neogene*

In its second phase, CRC 1211 (sfb1211.uni-koeln.de/) wants to deepen our understanding of the mutual evolutionary relationships between Earth surface processes and biota in (hyper-)arid desert systems, where both are severely limited by water availability. The successful candidate will have access to the curriculum of the CRC’s Integrated Research Training Group (IRTG), which aims at educating a generation of truly interdisciplinary doctoral candidates in the fields of Earth and Life Sciences, a combination of growing importance in the course of ongoing and accelerated global change.

The aims of this fellowship are the strengthening of international co-operations, especially with IRTG members, and the initiation of potential new collaborative projects. Eligible are visiting doctoral candidates, advanced master students or recent master graduates from cooperating institutions in Chile. The recipient’s working time will be shared between Cologne and the Universidad Austral de Chile. Tasks include geological fieldwork in the Atacama Desert and the biostratigraphic correlation of surface outcrops, contributing to CRC1211/Project A04 “*Land-ocean coupling between the Humboldt Current System and Atacama palaeoclimate in the Neogene*”. The fellow is further expected to prepare an application for DAAD funding of a research proposal (Ph.D.) on early Miocene palaeoceanographic records (Navidad region, 34°S).

We seek excellent candidates with an M.Sc. degree (or equivalent) in Micropalaeontology, Palaeontology or a closely related field at the time of the start of the fellowship. The currently planned start date, 1 January, 2021, may be changed due to the covid-19 pandemic. Previous fieldwork experience and knowledge of micropalaeontology (foraminifera) and/or biostratigraphy are desirable. Proficiency with MS Office, data and image treatment software are advantageous. Fluency in Spanish and good knowledge of English (spoken and written) is essential.

We offer

- research and training in an exciting interdisciplinary international scientific network;
- access to the IRTG curriculum;
- a fellowship (1103 – 1468€/month, depending on the recipient’s level of experience) for up to 12 months, which can be split into two shorter periods;
- up to two return flights.

Apply by completing the online form and uploading the requested documents through the link provided at <https://ukoeln.de/TWDQ4>.

- Cover letter outlining your motivation and qualification for the fellowship;
- Curriculum vitae (CV);
- Copies of university degree(s) and transcript(s);
- One or more academic reference letter(s)

Equal opportunity: Selection will be based solely on merit without regard to gender, religion, national origin, political affiliation, marital or family status or other differences. Among equally qualified candidates, candidates with a severe disability or similar status will be given preference.

Review of applications begins on **11th September, 2020**, and will continue until the position is filled.

For further details about the project, please visit sfb1211.uni-koeln.de/ or contact Professor Patrick Grunert via pgrunert@uni-koeln.de and/or sven.nielsen@uach.cl.