Postdoctoral Scientist in Experimental Paleobotany and Plant Fossilization

Applications are invited for the position of Postdoctoral Scientist for research on the experimental fossilization of leaves at the Institute of Geosciences, Department of Paleontology, at the University of Bonn in Germany. We are seeking a young, highly motivated, innovative, and independent researcher with a documented research profile reflected in publications in international journals in experimental paleontology, paleobotany, or microbiology. He or she should hold a recent Ph.D. in Botany, Earth Sciences, Microbiology, or in another closely related field, with technical expertise and research interest in applying experimental methods in plant taphonomy and analytical analysis of biofilms to elucidate the decay and fossilization of leaves in freshwater environments.

Our project on the fossilization of plants is one of eight research projects in a larger Research Unit on Fossilization funded by the Deutsche Forschungsgesellschaft at the University of Bonn. Similar ongoing projects in the Research Unit focus on the decay and fossilization of arthropods and fish in aquatic environments.

The postdoctoral position is initially available for a period of one year, but may be extended for three additional years, pending the results of the second funding period. Salary will be on the TV-L E13 level and will depend on age, marital status, and experience. The Postdoctoral Scientist should be open to participating in all research activities in the paleontological, mineralogical, and microbiological departments of the university, as well as to the close collaboration with the other scientists in Research Unit 2685.

At the Institute of Geosciences, we have excellent facilities for stereo and compound microscopy, SEM, microCT, EPMA, XRD and XRF, confocal Raman spectroscopy, cathodoluminescence, and laser ablation ICP-MS. In allied departments, we have access to laboratories for molecular sequencing and for the analysis of bacterial taxonomy and composition, as well as for chemical and microbial analysis using MALDI-Tof MS and HPLC MS.

The Institute seeks to increase the proportion of female scientists and therefore urges interested female candidates to apply. In case of equal qualification, preference will be given to disabled applicants.

Review of applications begins on June 15, 2020 and continues until the position is filled.

Your application should include a complete CV, list of publications, a description of your past and future research interests, and the names and contact details of three potential referees. This application should be emailed in pdf form to PD Dr. Carole Gee (cgee@uni-bonn.de), Associate Professor of Paleontology, University of Bonn.