

The successful applicant will be employed as part of a European Research Council-funded team focused on testing the spatial and temporal patterns and abiotic and biotic drivers of the diversification of terrestrial tetrapods over the last 370 million years. The researcher will play a key role in the development of spatially and temporally comprehensive datasets of fossil vertebrate taxonomy and occurrences. Utilising these and other existing data they will conduct quantitative analyses to document major temporal and spatial patterns in species-richness over long geological timescales, and test relationships with potential drivers. The researcher will be expected to disseminate research results through outstanding publications in leading journals, conference presentations and outreach activities. Further duties will involve co-supervision of undergraduate student projects, and contributing to the training and mentoring of doctoral researchers and research assistants. Funding will be available for the researcher to undertake relevant training courses and attend both national and international conferences. The post is full-time for three years, with a starting salary of £28,695 to £37,394. I am looking for someone with a first degree in a relevant area such as Geology, Zoology, Biology, Ecology or Palaeontology and a PhD in Palaeontology, Evolutionary Biology or other relevant field. The candidate should have excellent quantitative and analytical skills, including demonstrable experience of using and programming in the statistical language R, a track record of high-quality scientific publications, and clear experience in disseminating research results via conference presentations. Desirable skills include: an understanding of and ability to interpret and work with published stratigraphic and taxonomic information; previous experience working with fossil vertebrates and/or deep time diversity patterns; experience in disseminating research results to the public through public engagement and media activities; and experience in supervising or co-supervising research work by undergraduate and/or graduate students. Our research group is highly active and growing, and currently includes three PhD students as well as undergraduate researchers. At least two further PhD students and a research assistant will also be joining the group later this year. We are part of a broader palaeobiological research group at the University of Birmingham that includes additional vertebrate palaeontologists, palaeobotanists, micropalaeontologists, and palaeoclimatologists. We have a historic departmental museum, the Lapworth Museum of Geology, which is currently undergoing a major redevelopment, and which will provide outstanding possibilities for outreach activities. Birmingham is the UK's second city, centrally located with excellent transport links, and is very affordable with excellent cultural facilities and a resurgent city centre. Rough Guides recently voted Birmingham one of the world's top 10 cities to visit in 2015. The University of Birmingham is located on a highly attractive campus in the leafy southern suburbs of the city. The full job specification and application are available through the University of Birmingham jobs website, where the position is "ERC Research Fellow", reference 55212. Please ensure that you include a full academic CV as part of your application. Information is also available on our research group website: <http://www.archosauromorpha.com/news/postdoctoralposition> **The deadline for applications is 29th July 2015**

, with a preferred (but negotiable) start date of late 2015. For more details, or if you have any queries, please contact me. Thanks Richard
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Learn more about the redevelopment of the Lapworth Museum of Geology here:

<http://www.birmingham.ac.uk/facilities/lapworth-museum/museum-redevelopment/index.aspx>