



<b>Post/Job Title:</b>	<b>Post-Doctoral Research Assistant</b>
<b>Ref:</b>	<b>FST168</b>
<b>Location:</b>	<b>Christchurch House, Talbot Campus</b>
<b>Faculty:</b>	<b>Faculty of Science &amp; Technology</b>
<b>Department:</b>	<b>Department of Archaeology, Anthropology and Forensic Science</b>
<b>Duration if temporary:</b>	<b>Fixed-term for up to 3 Years</b>
<b>Normal hours per week:</b>	<b>Full time (Some flexibility will be required to ensure that key time scales and deadlines are met).</b>
<b>Grade:</b>	<b>6</b>
<b>Responsible to:</b>	<b>Prof Holger Schutkowski</b>

### **Background and Job Purpose**

The European Research Council Advanced Grant 'The Hyksos Enigma', awarded to Prof Manfred Bietak, Austrian Academy of Sciences (ÖAW) – Institute for Oriental and European Archaeology (OREA), and co-hosted by Bournemouth University, UK, is offering a Post-Doctoral position under Research Track 7 (Bioarchaeology I – Human Remains).

The project seeks to elucidate an obscure and little understood part of Egyptian history, the so-called Hyksos Period and its prelude (c. 1750-1530 BC), during which Egypt was confronted with two unparalleled phenomena: the influx of a substantial foreign population and – probably as a result – the rule of a foreign dynasty over large parts of Egypt. The bioarchaeological components of the project are concerned with the characterization of the Hyksos in comparison with other Egyptian and Near Eastern populations through the study of their skeletal remains. The successful candidate will focus particularly on ascertaining aspects of migration and mobility, as well as information on diet and health.

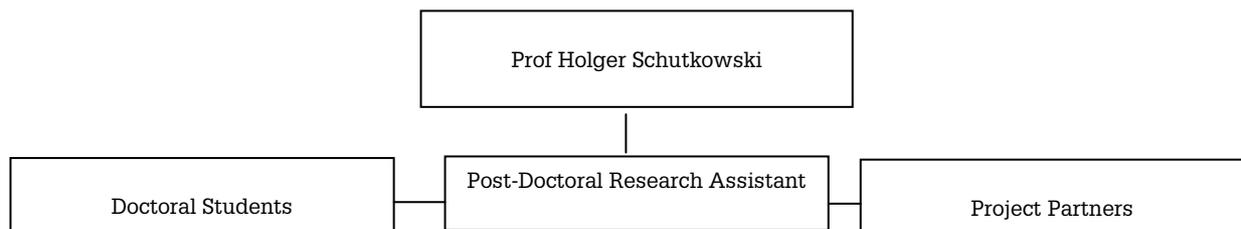
The project will require travel in Europe and Egypt/the Near East for sampling and analysis. Liaison and cooperation with other project partners is important. Publication activity and presentation of project results at international conferences is expected.

### **Key Areas of Responsibility**

1. To collect, analyze and manage research data as specified in the grant.
2. To identify local and non-local individuals in Hyksos-period skeletal assemblages of Egyptian and Near Eastern provenance through the analysis of Strontium and Oxygen isotopes.
3. To investigate patterns of mobility and migration between Egypt and the Near East.

4. To reconstruct dietary patterns and subsistence practices through the analysis of light stable isotope ratios, e.g. Carbon and Nitrogen.
5. To investigate dietary signatures against skeletal indicators of health and activity.
6. To engage in a contextualized bioarchaeological interpretation of skeletal and isotope data.
7. To play an active role in the publication and presentation of results.
8. To help with the design and implementation of public engagement events, which promote the impact value of the research.
9. To maintain and develop an existing network of professionals.
10. To participate in the on-going strategic development of this area of work, including the identification of relevant funding schemes.

### **Organisation Chart**



### **Challenges**

This position involves research in an internationally respected research group. The intellectual demands are high but so should be the rewards of being associated with front line research.

NB: The purpose of the job description is to indicate the general level of responsibility of the position. The duties may vary from time to time without changing their general character or level of responsibility.

NB: The post holder must always carry out their responsibilities with due regard to the University's Dignity, Diversity and Equality Policy Statement.

All employees have an obligation to be aware of the Universities Environmental Policy, Carbon Management Plan and associated documents, and to ensure that they carry out their day-to-day activities in an environmental responsible manner.



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<b>Faculty: Faculty of Science and Technology</b>	<b>Date: February 2017</b>
<b>SELECTION CRITERIA</b>	<b>Essential / Desirable</b>
Knowledge (including experience & qualifications)	
A first degree in a relevant discipline	E
A PhD in a relevant subject	E
Strong research profile as evidenced by high quality outputs	E
Advanced experience in the analysis of isotope systems	E
Experience in / knowledge of human skeletal analysis	E
Experience in / knowledge of statistical treatment of data	E
Background knowledge of the archaeology and material culture of Egypt and the Levant	D
Skills	
Excellent interpersonal and organizational skills; good written and oral communication skills	E
Ability to work well both as a team member and on own initiative	E
Ability to communicate well at all levels within the team	E
Ability to communicate well at all levels with external organisations	D
Attributes	
Ability to travel within the UK, the EU, Egypt and the Near East	E
Self-motivating and demonstrable initiative qualities	E
Flexible, energetic and adaptable with strong team working skills	E
Ability to prioritise and work under pressure	E