

Call for **two doctoral scholarships** as part of the ERC CoG project: Exploring Mammoth Bone Accumulations In Central Europe (MAMBA)

Leading unit: Institute of Systematics and Evolution of Animals of the Polish Academy of Sciences.

Name and surname of the potential supervisor: dr hab. Jarosław Wilczyński (ORCID 0000-0002-9786-0693).

Formal conditions:

Recruitment is combined with recruitment to the Doctoral School of Natural and Agricultural Sciences. Candidates must meet the requirements provided for in the rules of enrollment to the Doctoral School of Natural and Agricultural Sciences. These rules and recruitment documents (including the personal questionnaire) can be found at:

<https://www.botany.pl/index.php/pl/teaching-pl/doctoral-school-pl/admissions-pl>

Financial conditions:

A scholarship of PLN approx. 3,500 PLN net per month for a period of 4 years financed by the European Commission under the ERC CoG project entitled "Exploring Mammoth Bone Accumulations In Central Europe". The scholarship paid under the ERC project will constitute the scholarship paid under the Doctoral School of Natural and Agricultural Sciences.

Information on the methods/description of work (max 200 words):

Archeozoological studies which PhD students will need to know, will be based on comparative material in the vertebrate collection of the ISEA PAS. Basic laboratory studies on the mammal remains will use standard zooarchaeological methods including taxonomic and anatomical determination of animal remains. Our studies will be also focused on descriptions of all possible modifications, such as traces from human and animal activities and the abiotic environment (e.g. weathering). PhD students will be also learn morpho-technological and techno-economic analyses that are currently considered as key methods to study and understand the industries made from animal hard tissue raw material. Both methods will be based on a detailed study of the objects, raw material properties and work traces, and allow us to understand the tool life cycle including raw material procurement (acquisition), transformation, production, maintenance and/or use of the tools, and abandoning of the objects.

Project information / requirements:

- Master's degree in **biological sciences or archeology**,
- Work in an international team of researchers from all over Europe will require knowledge of the English language at least at the communicative level,
- We are looking for people who want to deal with the generally understood palaeontology of Quaternary mammals in combination with archaeozoological analyzes and studies of bone tools,
- The implementation of the doctorate will also involve the implementation of a part of the doctorate in the units cooperating on the project,
- Laboratory work will consist mainly in the analysis of the collection of animal remains and tools made of osseous raw materials,
- Field work will focus on participation in the planned excavation research, both in Poland and abroad,
- Documented active participation in various forms of disseminating scientific research results and co-authoring scientific or popular science publications is expected,
- A category B driving license is welcome.

The set of documents should be sent electronically to dr hab. Jarosław Wilczyński (wilczynski@isez.pan.krakow.pl) and Grażyna Dudek (rekrutacja@isez.pan.krakow.pl) until **August 26, 2022**. The interview with candidates will take place between **1st and 9th of September 2022**, details will be announced later.