

Position: MSc position
Employer: University of Warsaw
Location: Warsaw, Poland
Application deadline: -

Job description

We are looking for an MSc student for the project "Viral proxies from modern carbonate environments" funded by the National Science Centre of Poland. Applications are invited from well-motivated and highly-qualified persons. Prerequisites for this position are a recent BSc' or Eng degree in Geology with a strong background in microscopic techniques and carbonate environments. An interest in geobiology, biomineralization, biofilm, carbonate sedimentology is preferred. Experience in microscopic descriptions of specimen would be useful. Excellent oral and written communication skills in English are assumed.

Review of applications will begin on 26th January and continue until the position is filled. The position is limited to a term of two years (2021-2022). The project will cover two years of the MSc programme. The salary is determined by the project's planned salary schedule, i.e. PLN18000/year. A successful candidate will be based at the Faculty of Geology of the University of Warsaw and is expected to demonstrate the research progress in practicals. The principal supervisor will be Dr inż. Mirosław (Mirek) Slowakiewicz (University of Warsaw) and the supporting supervisor will be Marcin D. Syczewski, MSc (University of Warsaw).

The main objective of the project is to determine virus distribution in carbonate-dominated temperature-, salinity- and mineralization-dependent systems at various localities in Europe, the Bahamas and Qatar by comparing mineralized shapes of capsids, nanoparticles and nanospheroids and their relationship to particular groups of virus strains, which would establish virus-based environmental proxies characteristic of freshwater cold or hot-spring and normal or mesohaline marine carbonate settings. A successful candidate will test SEM and STEM techniques for virus imaging from selected freshwater carbonate settings.

Applications should include the following components: CV and letter of motivation documenting candidate's interest in the project. Applications should be sent in a single PDF file to Dr inż. Mirosław (Mirek) Slowakiewicz (m.slowakiewicz@uw.edu.pl). The deadline -.

For more information, do not hesitate to contact me at: m.slowakiewicz@uw.edu.pl.