
Scholarship Offer in the frame of OPUS 20 project

Organisation: West Pomeranian University of Technology in Szczecin, Faculty of Chemical Technology and Engineering, Department of Nanomaterials Physicochemistry

Position: Scholarship holder/student

We are looking for a highly motivated candidate who would like to work in the frame of OPUS 20 project “Recycling of Plastic Waste into Highly Porous Carbon Nanomaterials for Electrochemical Energy Storage”, under supervision of dr hab. Xuecheng Chen, prof. ZUT.

Conditions of employment: Successful candidate will be granted scholarship of 4000 PLN/month from 01.04.2025 for 12 months (with possibility of extension) under the conditions written in the NCN regulations for OPUS 20.

Research tasks:

- Synthesis of MOFs from waste PET using different metal ions, such as Al^{3+} , Co^{2+} , Fe^{3+} , Ni^{2+} , Zn^{2+} , Mn^{2+} and different solvents
- Analysis of the experimental data
- Contribution to writing scientific papers

Requirements:

- Master student graduate in Chemistry or related fields or status of the student of the final semester of Chemical Technology, Chemical and Process Engineering, or related fields
- Experience in performance of basic electrochemical analysis e.g. cycling voltammetry, galvanostatic charge/discharge
- Experience in the lab work
- Co-authorship of scientific publications will be a strong asset
- Grade point average from recently completed semester will be scored
- Good written and spoken English skills
- Ability to work in a team

Application Deadline: 25.03.2025, 12:00

Application procedure and contact:

Candidates should send their CV and letter of motivation to: nanotech@zut.edu.pl or deliver them personally to the Department of Nanomaterials Physicochemistry, Piastow Ave. 45, room no. 1/32 till March 25th, 2025. The CV should contain information about prior scientific achievements (grade point average from recently completed semester, the list of publications, participation in internships and participation in other research projects). Please include in your application the personal data processing agreement.

Thanking all applicants for their interest, we will contact only selected candidates March 27th, 2025.