

Job title: student-scholarship in the research OPUS21 project of the National Science Centre entitled " Development of new high entropy nitrides composites synthesized at high pressure and temperature"

Unit name: Adam Mickiewicz University in Poznań, Faculty of Chemistry, Department of Materials Chemistry

Job title: student-scholarship holder (number of positions: 1)

Requirements:

- First or Second-cycle student status (in materials engineering, metal physics, chemistry, physics etc.) or participant of the Doctoral School,
- good background in physical chemistry and crystallography,
- computational calculations and programming skills are welcome,
- working in a chemical laboratory experience,
- fluent computer skills, MS Office suite, charting programs (*e.g.* Sigma Plot, Origin),
- good command of spoken and written English,
- independence, good work organization,
- Knowledge of X-ray diffraction methods for crystals especially experience in the performance of high-pressure studies are welcome

Tasks description:

- loading the diamond-anvil cell,
- performing the high-pressure high-temperature experiments,
- powder and single-crystals X-ray diffraction measurements,
- characterisation of the samples; analysis of the measured results.

The form of submitting offers (e-mail): kinga.roszak@amu.edu.pl

Deadline for submitting offers: January 15, 2025

Employment conditions:

- employment period: 12 months, from February 1, 2025,
- the amount of the research scholarship: 2500 PLN gross

Required documents:

- CV containing a detailed description of education, qualifications and experience with current photography,
- a cover letter containing a short description of interests and achievements (including scientific ones),
- certificates or other documents proving the knowledge level of foreign languages (if available),
- a signed GDPR statement: Consent clause: *In accordance with Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016 (Journal of Laws of the EU L 119/1 of 4 May 2016)*

I agree to the processing of personal data other than those indicated in Article 221 of the Labour Code (name(s) and surname; parents' names; date of birth; place of residence; address for correspondence; education; previous employment), included in my job offer for the purpose of current recruitment.

Selected candidates will be invited by the Selection Committee for an interview (in person or online). The candidates will be informed individually by e-mail about the date, place and form of the interview.