

Name of the institution: Adam Mickiewicz University, Poznań, Faculty of Chemistry

Requirements:

The aim of the competition is to select a student who will conduct scientific research within the framework of the OPUS 27 project entitled "Design, characterization and elucidation of the mechanisms of action of heterostructured semiconductor materials in photocatalytic systems and dye-sensitized photovoltaic cells" (NCN OPUS27 No. 2024/53/B/ST5/01357).

Detailed requirements:

completed first-cycle (Bachelor's) studies in Chemistry (preferred) or Physics, or a related field

English language skills at least at a communicative level

practical experience in at least one of the following areas of chemistry:

inorganic synthesis (preferably preparation of mesoporous materials), physicochemical characterization of materials, materials chemistry, electrochemistry, photochemistry, photovoltaics (DSSC), catalysis (preferably heterogeneous), organic synthesis, ability to work with scientific literature and to search for scientific information, resourcefulness and independence in laboratory work

Additional advantages will include:

- internships completed at national and/or international research institutions
- authorship and/or co-authorship of scientific publications
- participation in national and/or international scientific conferences
- experience in writing scientific publications in English
- participation in and awards from scientific competitions.

Description of tasks:

- Preparation of working electrodes for DSSC cells
- Modification of the surface of semiconductor electrodes
- Synthesis and characterization of dye-sensitized hybrid materials
- Assembly and testing of photovoltaic devices

Type of competition: OPUS 27

Application deadline: 22 March 2026

Form of application submission: e-mail (maciej.zalas@amu.edu.pl)

E-mail subject line: Student OPUS 27

Scholarship amount: PLN 1500,00 / month

Employment conditions:

A necessary condition for applying for the scientific scholarship is being a first- or second-year full-time Master's student at the Faculty of Chemistry, Adam Mickiewicz University (AMU).

The selected candidate will receive a scientific scholarship of PLN 1500 net, constituting an additional scholarship independent of other scholarships received from sources other than NCN projects.

The scientific scholarship will be awarded for a maximum period of 4 months.

Additional information

The scientific scholarship will be granted to a candidate working within the project "Design, characterization and elucidation of the mechanisms of action of heterostructured semiconductor materials in photocatalytic systems and dye-sensitized photovoltaic cells" (NCN OPUS27 No. 2024/53/B/ST5/01357), in the part concerning research on DSSC-type photovoltaic cells, supervised by dr hab. Maciej Zalas, AMU prof.

The following required documents: application for the competition, CV, diploma confirming the completion of a Bachelor's or engineering degree, document confirming the status of a full-time Master's student at the Faculty of Chemistry, AMU, and consent for the processing of personal data, should be submitted exclusively in electronic form to the project leader's e-mail address (Maciej.zalas@amu.edu.pl) no later than 22 March 2026.

RODO Information Clause:

Pursuant to Article 13 of the General Data Protection Regulation of 27 April 2016. (Official Journal of the EU L 119 of 04.05.2016) we inform that:

1. The controller of your personal data is Adam Mickiewicz University, Poznań with the official seat: ul. Henryka Wieniawskiego 1, 61 - 712 Poznań.
2. The personal data controller has appointed a Data Protection Officer overseeing the correctness of the processing of personal data, who can be contacted via e-mail: iod@amu.edu.pl.
3. The purpose of processing your personal data is to carry out the recruitment process for the indicated job position.
4. The legal basis for the processing of your personal data is Article 6(1)(a) of the General Data Protection Regulation of 27 April 2016 and the Labour Code of 26 June 1974. (Journal of Laws of 1998 N21, item 94 as amended).
5. Your personal data will be stored for a period of 6 months from the end of the recruitment process.
6. Your personal data will not be made available to other entities, with the exception of entities authorized by law. Access to your data will be given to persons authorized by the Controller to process them in the performance of their duties.
7. You have the right to access your data and, subject to the law, the right to rectification, erasure, restriction of processing, the right to data portability, the right to object to processing, the right to withdraw consent at any time.
8. You have the right to lodge a complaint to the supervisory authority - the Chairman of the Office for Personal Data Protection, ul. Stawki 2, 00 - 193 Warsaw.
9. Providing personal data is mandatory under the law, otherwise it is voluntary.
10. Your personal data will not be processed by automated means and will not be subject to profiling.

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. The applicant should be informed in the job application notice that his/her CV should include a clause with the required content, in which case it will be considered.

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Date and signature

PROCEDURE FOR REPORTING VIOLATIONS OF THE LAW

Recruitment: Positions and Competitions for Academic Teachers: Information on the internal reporting procedure referred to in the Act of 14 June 2024 on the Protection of Whistleblowers (Journal of Laws, item 928), announced by Regulation No. 5/2023/2024 of the Rector of Adam Mickiewicz University, Poznań of 17 September 2024 concerning the introduction of the Internal Reporting Regulations regarding the breach of law and follow-up actions at Adam Mickiewicz University, Poznań. Below are links to the regulation together with its annexes:

[Ordinance No. 520232024.pdf](#)

[Rules for submissions.pdf](#)

[Information clause - whistleblowers.pdf](#)