

Position: PhD Student – scientific scholarship

Number of positions: 5

Name of unit: Adam Mickiewicz University in Poznań - Center of Advanced Technologies

Website: www.amu.edu.pl, www.wczt.pl, szwedalab.com

NCN competition type: SONATA BIS 11-ST

Requirements:

The competition can be entered by a person who:

- has a master's degree in chemical sciences or a related field (applicable for positions: 1,2,3 i 4)
- has the status of student in chemical sciences or a related field (applicable for position 5)
- is fluent in spoken and written English
- is characterized by high commitment to the research work performed
- has knowledge of organic chemistry and/or polymer chemistry
- has knowledge of chromatographic methods (GC, HPLC, Flash) (applicable for positions: 1 and 4)
- has knowledge of computational chemistry and principles of machine learning (applicable for positions: 2 and 3)
- has the ability to perform and interpret NMR, UV-Vis, CD, FTIR, ESI-MS spectra (applicable for positions: 1 and 4)
- ability to design syntheses of organic compounds (applicable for positions: 1 and 4)
- ability to prepare the text of a scientific publication and present the results (applicable for positions: 1,2,3 i 4)
- knowledge of computer programs such as Origin, Mendeley, MNOVA

Application deadline: March 28, 2024

Task description:

Since ancient times, people have had to store information to pass on gained knowledge to future generations. Currently, the amount of data generated is almost twice bigger than the capacity of conventional media such as hard drives or flash memory devices, and the trend is growing rapidly. The PolyDigit project aims to develop polymeric data storage materials that can be used for long-term data archiving. The PhD Student will be involved in chemical syntheses and physicochemical characteristics of sequence defined polymers which will serve as next generation materials for data archiving.

More details about the PolyDigit project can be found on the website of Programmable Polymers Team: szwedalab.com

Terms of employment:

- Duration of the scientific scholarship:

Position 1: 43 months

Position 2: 43 months

Position 3: 31 months

Position 4: 20 months

Position 5: 10 months

- Amount of scientific scholarship:

Position 1: PLN 3 000,0 (gross)/month

Position 2: PLN 3 000,0 (gross)/month

Position 3: PLN 3 000,0 (gross)/month

Position 4: PLN 2 000,0 (gross)/month

Position 5: PLN 1 000,0 (gross)/month

- Planned start date: April 03, 2024

- Scientific scholarship for doctoral students within the framework of the National Science Center SONATA BIS 11 project No. UMO-2021/42/E/ST4/00010 "Polymers with sequence-programmable properties as next generation materials for data archiving " carried out at the Center for Advanced Technology of the Adam Mickiewicz University

- Selected candidates will be invited to an interview, which will be held at the Center of Advanced Technologies of UAM in Poznań, and in case the candidate is unable to appear in person - remotely (online) using Skype, Microsoft Teams, etc.

- Applications will be evaluated by the Competition Committee appointed by the Project Manager.

- The results of the competition will be announced no later than 02.04.2024 at the website: www.amu.edu.pl

- The terms and conditions of employment are specified in the "Regulations for the awarding of research fellowships in research projects financed from the funds of the National Science Center determined by the Resolution of the NCN Council No. 25/2019 of March 14, 2019."

Additional information:

Form of application: by e-mail in the form of pdf files to: szwedalab@gmail.com in the title please specify Polydigit_scholarship together with the appropriate number of position 1-5

Required documents:

1. Cover letter;
2. CV containing information about academic achievements and distinctions resulting from research conducted so far;
3. Diplomas or certificates issued by universities confirming education and degrees held;
4. Consent to personal data processing:

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.

Information clause for jobseekers

Pursuant to Article 13 of Regulation (EU) No. 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of individuals with regard to the processing of personal data and on the free movement of such data and repealing Directive 95/46/EC - General Regulation on data protection (Official Journal of the European Union L 119/1 of 04.05.2016) I hereby inform you that.

1. The Controller of your personal data is Adam Mickiewicz University in Poznań with its registered office at 1, Henryka Wieniawskiego Street, 61-712 Poznań.
2. The controller of personal data has appointed a Data Protection Inspector to supervise the correctness of personal data processing, who can be contacted via e-mail address: iod@amu.edu.pl.
3. The purpose of the processing of your personal data is to carry out the recruitment process for the indicated 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, except for entities authorized by law. Access to your data will be granted to persons authorized by the Controller to process them within the scope of their professional duties.
7. You have the right to access your data and, subject to the provisions of law, the right to rectify, delete, restrict the processing, the right to transfer data, the right to object to the processing, the right to withdraw consent at any time.
8. You have the right to lodge a complaint to the supervisory authority - the President of the Office for Personal Data Protection, ul. Stawki 2, 00-193 Warszawa.
9. Provision of personal data is obligatory on the basis of legal regulations, in the remaining scope it is voluntary.
10. With regard to your personal data, decisions will not be taken automatically, in accordance with Article 22 RODO.

Contact: dr hab. inż. Róża Szweda, prof. UAM
Adam Mickiewicz University in Poznań
Center of Advanced Technologies
Programmable Polymers Group
ul. Uniwersytetu Poznańskiego 10, 61-614 Poznań
e-mail: roza.szweda@amu.edu.pl
www.szwedalab.com