

Institution: Adam Mickiewicz University in Poznan, Center for Advanced Technology

Position: Scholarship position/ 2 persons

Requirements:

1. A student of first-cycle, second-cycle or unified master's and doctoral studies in chemistry;
2. Highly motivated to conduct research in silicon chemistry and organometallic catalysis;
3. Research experience in the field of laboratory techniques to work with organometallic compounds, compounds sensitive to oxygen and moisture (experience in the use of Schlenk line is welcome);
4. The knowledge of analytical techniques in the field of NMR and FT-IR spectroscopy;
5. Good knowledge of Polish at an advanced level and English at a good level (spoken and written);
6. Ability to work in a group, independence, creativity, diligence, motivation and commitment to achieving the set research goals.

Additional advantages will be:

- Presentations at Polish and foreign scientific conferences, as well as participation in research projects.

Description of tasks:

The main scientific goal of the project entitled "*Advanced coordination materials designed on the basis of functional silsesquioxanes*" is to design and develop the synthetic strategies to obtain SQs-based coordination systems (**SQ-L->M**) of diverse structure topology, exhibiting interesting photophysical and chemical features. A short description of the project: <http://projekty.ncn.gov.pl/opisy/515803-pl.pdf>

The main tasks of the students will be related to the development of methods leading to the synthesis of difunctionalised organosilicon compounds with a DDSQ-type silicon-oxygen core as scaffolds for organic ligands. Suitable ligand structures will be selected, synthesised, and characterised spectroscopically (NMR, FT-IR) in appropriately designed protocols. Tests of their ability to coordinate with selected d- or f-block metals will be performed. Selected results will be used to prepare fragments of scientific articles and abstracts at scientific conferences.

We are offering:

- Work in young and developing research team.
- The opportunity to develop skills and gain experience in the area of organosilicon chemistry and homogeneous catalysis via participation in scientific conferences and research internships.
- Support and a friendly working environment.

Funding: National Science Centre (NCN) in Poland; project: OPUS 21 UMO- 2021/41/B/ST5/02028

Benefits: scholarship 1000 PLN per month

Planned period of stipend agreement: 15 months with the possibility of extension

Deadline for application: 20.11.2024

Start date of the stipend: 01.12.2024

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.

Additional information:

Documents should be submitted electronically by November 20, 2024. year to the email address: (beatag@amu.edu.pl - PI)

The competition will be adjudicated by November 27, 2024. The competition committee reserves the right to contact the selected candidates. The results of the competition will be announced at: amu.edu.pl.

Any questions should be addressed to Prof. AMU dr hab. Beata Dudzic

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.

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.

date and signature