



JOB OFFER IN THE PROJECT OPUS 18

INSTITUTION: Centrum NanoBioMedyczne Uniwersytetu im. Adama Mickiewicza w Poznaniu

CITY: Poznań

POSITION: PhD Student (2)

SCIENTIFIC DISCIPLINE: Physics, Physical Chemistry or Materials Science

THE METHOD OF REMUNERATION: PhD student salary

PERIOD OF RECEIVING THE REMUNERATION: 48 months - (4 Years)

THE AMOUNT OF REMUNERATION: 5 000 PLN/ month – (Includes Taxes)

PROJECT LEADER: dr hab. Emerson Coy, prof UAM.

TITLE: Understanding the Interface of Polydopamine and Semiconductor Nanomaterials for Photocatalytic Water Splitting

DATE OF ANNOUNCEMENT: 10.07.2020

DEADLINE FOR SUBMITTING DOCUMENTS: 10.08.2020

LINK TO THE PAGE: www.amu.edu.pl, www.cnbm.amu.edu.pl

KEYWORDS: Metal Oxides, Polydopamine, HR-TEM, EELS, Electronic Properties

We are looking for two (2) highly motivated and independent thinking PhD students to research project under the supervision of dr hab. Emerson Coy at the NanoBioMedical Center - Adam Mickiewicz University, Poznan. The project is implemented under the program OPUS 18 National Science Centre Poland (NCN). The project is an experimental study on the optical, electronic and catalytic properties of Metal Oxides nanostructures (TiO₂, Fe₃O₄ and ZnO), coated with Polydopamine and Its analogues. PhD students will be involved in the synthesis of the nanostructures and their physicochemical characterization. The successful applicants will be part of a very international and multidisciplinary team and will receive training in Material Science for Energy applications. Candidates will have access to state-of-the-art facilities for the characterization of nanomaterials such as: High Resolution – Transmission Electron Microscopy (HR-TEM), Energy Loss Electron Spectroscopy (EELS), X-rays diffraction and Ultraviolet/Infrared/Raman Spectroscopies. The research will be carried out in close cooperation with partner groups in Poland, Spain and South Korea including short-term visits to their facilities. Knowledge of electrochemical methods for energy/catalysis and proficiency in English language are mandatory. Additionally, familiarity with programming languages (Python) is appreciated.

Required documents:

- Motivation letter with a short description of research interests
- Detailed Curriculum Vitae containing: list of publications, conference appearances and scientific internships, if any. Additionally, a list of completed courses relevant for the project's topic (Bachelors and Master degree)
- Copy of master's diploma

Important: Please remember to Include the Consent Clause to process your application

Applications for the position should be sent to dr hab. Emerson Coy, NanoBioMedical Centre Adam Mickiewicz University in Poznań, cnbmadm@amu.edu.pl and coyeme@amu.edu.pl, +48 61 829 6707,

The intended date of competition resolution – 20.08.2020, the planned date of beginning of the job – September/October

Verification of candidates will be carried out based on the submitted documents. If it is necessary, candidate may be invited for an interview. The position is located at the NanoBioMedical Centre.

1. 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.

2. 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.