JOB OFFER IN THE PROJECT SONATA 17

INSTITUTION: NanoBioMedical Center of Adam Mickiewicz University, Poznan

CITY: Poznan

POSITION: PhD Student

SCIENTIFIC DISCIPLINE: Chemistry (others to be discussed)

THE METHOD OF REMUNERATION: PhD student salary (Stipend)

PERIOD OF RECEIVING THE REMUNERATION: 36 month (Project) + 12 Months from Doctoral school

THE AMOUNT OF REMUNERATION: 5 000 PLN/ month (Approx. 3700 PLN /month in hand after taxes)

PROJECT LEADER: dr hab. Emerson Coy, Prof UAM

TITLE: Flexoelectricity in Photocatalysis: Photoflexocatalysis - FlexPho2

DATE OF ANNOUNCEMENT: 24.08.2022

DEADLINE FOR SUBMITTING DOCUMENTS:15.09.2022

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

KEYWORDS: Flexoelectricity, Catalysis, Semiconductors, Nanoindentation

We are seeking a highly motivated Ph.D. student to carry out a research project under the supervision of dr hab. Emerson Coy, Prof UAM at the NanoBioMedical Center of Adam Mickiewicz University, Poznan. Funds for the project come from the program SONATA 17 National Science Centre Poland. The aim of the project is to study the possibility of exploiting the photo-flexoelectric effect in Photocatalysis.

The Ph.D. student will work on the automatization of a flexoelectric measurements set-up, characterization of nanomaterials towards and their photoflexoelectric coefficient, conducting a photocatalytic reduction of dies and other characterizations using XRD, UVVIS, Nanoindentation, AFM, among others. The successful applicant will be part of a multidisciplinary team consisting of chemists, physicists and biologists. Additionally, the candidate will receive training in advanced materials science characterization and nanofabrication techniques (FIB and Electron Lithography). The project is performed in close collaboration with dr Ignasi Fina, from the ICMAB – Barcelona, Spain, so internships are envisioned. An Undergraduate/Master's degree in Chemistry, Materials Science or related disciplines is required as well as a good command of English, oral and written. Expertise in Labview, Instrumentation, Nanomechanics and Ferroelectrics is beneficial.

Required documents:

- Motivation letter with a short description of research interests (1 page)
- Three letters of recommendation
- Curriculum Vitae with a list of any publications, completed courses, conference appearances

- and scientific internships,
- Copy of Undergraduate/Master's diploma (Students who have not yet defended but have a defense date already established, no later than Oct-2022 might apply) (in case of academic degrees obtained abroad – the documents must meet the equivalence criteria set out in Article 328 of the Act of 20 July 2018 Law on Higher Eductaion and Science (Journal of Laws of 2021, item 478 i.e. as amended; Polish; Dziennik Ustaw 2021 poz. 478);

Applications for the position should be sent to dr hab. Emerson Coy, Prof UAM, 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 – 09.10.2022

The planned start date for the scholarship – October/November 2022

Verification of candidates will be carried out based on the submitted documents. If it is necessary,

candidate may be invited for an online interview.

Please include in your offer:
"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 22^1 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.