

## **Postdoctoral position (Post-doc #1)**

**within the framework of OPUS project financed by National Science Centre (NCN) in Poland**

**Organisation:** Institute of Inorganic Chemical Technology and Environment Engineering, Faculty of Chemical Technology and Engineering, West Pomeranian University of Technology, Szczecin, POLAND

*(Instytut Technologii Chemicznej Nieorganicznej i Inżynierii Środowiska, Wydział Technologii i Inżynierii Chemicznej, Zachodniopomorski Uniwersytet Technologiczny w Szczecinie)*

**Position:** post-doc

### **Requirements:**

Required qualifications:

- PhD degree in chemical technology, nanotechnology, chemical engineering, chemistry, materials science, environmental engineering, or related areas;
- experience in materials science or nanotechnology;
- experience in analytical techniques such as AFM, SEM, TEM, UV-vis and FTIR spectroscopy;
- laboratory skills for nanomaterials fabrication and/or testing;
- understanding the aspects of materials science and engineering relevant to the development of nanomaterials;
- a track record of high impact journal publications related to project subject;
- good English knowledge,
- ability to work independently as well as in international/interdisciplinary teams.

Moreover, the Candidate must meet the NCN criteria for post-doc position (<https://www.ncn.gov.pl/finansowanie-nauki/konkursy/instrukcje/2015-koszty-w-projektach>), namely:

- the Candidate is a person beginning a career in research with a doctoral degree obtained within the last 7 years prior to the employment in the project;
- during the employment period the Candidate should not obtain salary under an employment contract from any other entity.

### **Job description:**

Research will be realized within the framework of OPUS project No. 2016/21/B/ST8/00317 entitled „Investigations on the influence of nanoparticles on the properties of modified polymeric membranes dedicated to water and wastewater treatment”. The key responsibilities include preparation of nanoparticles (NPs), development of methods of NPs modification, analysis of NPs samples using spectroscopic (FTIR, UV-Vis, Raman) techniques, daily cooperation with PhD students; preparation of publications and reports; presentation of the project results during conferences.

**NCN call type:** OPUS – ST

**Application deadline:** 14 kwietnia 2017, godz. 12:00

**Application form:** mail or e-mail

**Employment conditions:**

Full-time employment for 24 months with a gross salary of 5600 PLN/month.

**Additional information:**

Required documents:

1. Curriculum vitae
2. List of publications including a number of citations (excluding autocitations) and h-index
3. List of inventions and patents etc.
4. List of conference presentations (oral and poster)
5. Information on research grants led by the Candidate
6. Information on scientific trainings
7. List of awards
8. Motivation letter with explanation of the interest of the Candidate in the position and a description of the research experience (in English)
9. Two letters of recommendation
10. Copy of Doctoral Diploma (or a letter from a supervisor with an estimated date of doctoral defense before 01.06.2017)

The documents can be submitted either by mail or by e-mail to:

prof. Sylwia Mozia

e-mail: [sylwia.mozia@zut.edu.pl](mailto:sylwia.mozia@zut.edu.pl)

address: Instytut Technologii Chemicznej Nieorganicznej i Inżynierii Środowiska,  
Zachodniopomorski Uniwersytet Technologiczny w Szczecinie, ul. Pułaskiego 10, 70-322  
Szczecin, POLAND.

Please add the mail/e-mail heading: "Post-doc #1 – OPUS".

Application deadline: 14.04.2017.

For more information please contact the PI of the project, prof. Sylwia Mozia ([sylwia.mozia@zut.edu.pl](mailto:sylwia.mozia@zut.edu.pl)).

Please include in your application:

"In accordance with the personal data protection act from 29th August 1997, I hereby agree to processing and to storage of my personal data by the Institution for recruitment purposes".

Selected Candidates will be invited for an interview – the date will be communicated to the Candidates individually.