

## JOB OFFER

Position in the project:	Research Team Leader
Scientific discipline:	Materials Science
Job type (employment contract/stipend):	Remuneration under the contract of employment, part-time (50% involvement)
Number of job offers:	1
Remuneration/stipend amount/month ( <i>"X0 000 PLN of full remuneration cost, i.e. expected net salary at X 000 PLN"</i> ):	10,000 PLN/ month - full remuneration costs, average monthly net salary at 6,050 PLN
Position starts on:	1.01.2020
Maximum period of contract/stipend agreement:	30 months
Institution:	Faculty of Materials Science and Engineering, Warsaw University of Technology, Warsaw
Project leader:	Prof. Dr. Bogusław Buszewski
Project title:	<i>Advanced biocomposites for tomorrow's economy BIOG-NET</i>
	<i>Project is carried out within the TEAM-NET programme of the Foundation for Polish Science</i>
Project description:	<p>The subject of the project concerns research related to the use of microorganisms to search for innovative solutions in modern technologies, especially in the design and production of new mixed nanocomposite, porous inorganic materials (metal-protein type), as well as biosynthesis and physicochemical characteristics of new materials based on zinc oxide nanoparticles and silver and biosilica doped with transition metal ions. As a consequence, it will enable its application use in the medical, cosmetic and material products industry.</p> <p>The research group is a consortium composed of six scientific units from Poland: Nicolaus Copernicus University in Toruń, Faculty of Chemistry (Consortium Leader), University of Warmia and Mazury in Olsztyn, Faculty of Biology and Biotechnology, Warsaw University of Technology, Faculty of Materials Science and Engineering, Białystok University of Technology, Faculty of Mechanical Engineering, University of Adam Mickiewicz, Faculty of Chemistry and University of Szczecin, Faculty of Earth Sciences.</p> <p>The primary objective of the Faculty of Material Science and Engineering will be to conduct a research allowing for high resolution imaging of the structure and precision characterization of the mechanical and functional properties of the materials fabricated by the Consortium members. The other area of activity will be modeling of the relationships between the structures and properties of the materials in question within multi-length scale approach from atomic do macroscopic scale.</p>
Key responsibilities include:	<ol style="list-style-type: none"> <li>1. Organizing, planning and managing scientific work of a scientific and research team in the area of structure and properties characterization of the materials fabricated by the Consortium members as well as building cooperation between them</li> <li>2. Coordination of the tasks related to numerical modeling of the relationship between the structure and properties of the investigated materials.</li> <li>3. Dissemination of research results and development of research</li> </ol>

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topics related to the implementation of the project through active participation in international and national scientific conferences along with publication in scientific journals from the JCR list

4. Providing scientific care for young members of the scientific team (graduate students, PhD students, post-docs)
5. Regular contacts with the Project Manager, the Management Team, the Scientific and Economic Committee of the Project on the progress of work in the implemented project
6. Establishing relations with potential industrial partners

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Profile of candidates/requirements:

1. Having a degree in the one of the following disciplines: material science, chemistry, mechanics and scientific achievements in the area of materials structure and properties characterization and properties of nano and bio materials
2. Familiarity with the materials structure imaging and properties testing techniques available at the Faculty of Materials Science and Engineering.
3. Significant scientific achievements in the form of scientific publications in international journals from the JCR list on the subject of the project and international activity, e.g. participation in international conferences or foreign internships
4. Experience in running scientific projects and managing a scientific team
5. Experience related to inter-institutional mobility in Poland and abroad
6. Experience in international cooperation in the area related to the implementation of the project and industrial partners
7. Persons employed at the WUT during the last two years cannot participate in the competition.

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Required documents:

1. CV
2. Employment application with a signature
3. Consent to the processing of personal data ([https://www.umk.pl/pracownicy/dsp/sprawy/zatrudnienie/inf\\_kand/](https://www.umk.pl/pracownicy/dsp/sprawy/zatrudnienie/inf_kand/)). PDF format with a scanned original signature confirming of reading the information
4. From 1 to 5 attachments enabling the assessment of the most important scientific and/or implementation achievements of the last 10 years, which are:
  - full publication texts (in the original language) or
  - full texts of patents (in the original language, achievements cannot be patent applications) or
  - descriptions of implementations
5. Description of the originality and breakthrough of the above-mentioned achievements and their impact on the development of given scientific areas, additionally a description of the achievements and results of the recently completed project (up to 3 A4 pages)
6. A concise proposition of assumptions and research methods that will be the subject of R&D work of the research team managed by the candidate within the implemented project together with the possibility of indicating foreign scientific partners with whom the candidate intends to cooperate under implemented project (up to 4 A4 pages)
7. A copy of the doctoral diploma

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We offer:

- Work with a young, ambitious research team at a leading Polish

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university with an excellent scientific and research infrastructure

- Close scientific cooperation with the other members of the Consortium representing the best Polish research centers in the scope of the project's subject

- Attractive salary conditions and financial resources for running and setting up a research and development team. The total remuneration budget for the team leader and team members equals 1 076 000 PLN, while the remuneration budget for the doctoral student is 576 000 PLN.

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Prof. dr. Bogusław Buszewski, e-mail: [bbusz@chem.umk.pl](mailto:bbusz@chem.umk.pl)

Please submit the following documents to:

Please write: " Leader -PW BIOG-NET" as the subject line of your email

Candidates who receive a negative response about the recruitment result are entitled to appeal within 7 days. The appeal should be sent to: [bbusz@chem.umk.pl](mailto:bbusz@chem.umk.pl)

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Application deadline:

9.09.2019 (interview is planned on September, the possibility by Skype)

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For more details about the position please visit (website/webpage address):


<https://www.chem.umk.pl/>

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Euraxess job/stipend offer (in case of PhD and postdoc positions):

<https://euraxess.ec.europa.eu/jobs/435891>

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Prof. dr. hab. Bogusław BUSZEWSKI  
prof. zw. UMK

## INFORMATION ON THE PROCESSING OF PERSONAL DATA

Please be informed that:

1. The Administrator (Controller) of your personal data is the Nicolaus Copernicus University in Torun, based at 11 Gagarin Str., Poland (University).
2. The purpose of processing your personal data is to efficiently conduct the recruitment process for the position: .....
3. Categories of personal data recorded/collected include: first name (middle name) and surname, date of birth, addresses (home, term, e-mail), education and course of previous employment will be processed on the basis of art. 6 par. 1 lit. f) Regulation (EU) 2106/679 of the European Parliament and 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 the repeal of Directive 95/46 / EC (RODO), i.e. within the based on the legally justified interest arising from art. 221 of the Labor Code; in the remaining scope of personal data and information about you given by you, they will be processed on the basis of art. 6 par. 1 lit. a) RODO, i.e. based on consent.
4. The personal data provided by you will be kept for the duration of the recruitment process indicated above-mentioned position and will be destroyed immediately after its completion.
5. You have the right to request access to your personal data, rectification, deletion or limitation of processing, as well as the right to object to the processing and the right to transfer personal data processed in information systems.
6. You have the right to withdraw consent for the processing of personal data at any time, but remember that this does not affect the processing based on consent before its withdrawal.
7. Providing personal data by you is voluntary, but any refusal to provide such data or the lack of consent for its processing will, prevent you from participating in the recruitment process.
8. You have the right to lodge a complaint to the President of the Office for Personal Data Protection.
9. If you want to contact the University in matters related to the processing of your personal data, in particular, with filing an application for your rights, please use the email address: [iod@umk.pl](mailto:iod@umk.pl) or write to: NCU in Toruń, 11 Gagarin Str., PL- 87 100 Toruń, with the note "IOD".

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(date and signature)