

## Assistant Professor in the research-didactic employees' group

Miejsce pracy: Chorzów  
Nr ref.: 25/2021/NA/WNST/IIB

**RECTOR OF THE UNIVERSITY OF SILESIA IN KATOWICE**  
announces the open call for the position of

**Assistant Professor in the research-didactic employees' group**

**Place of work: Faculty of Science and Technology**

Job location: ul. 75 Pułku Piechoty 1A, 41-500 Chorzów

**Number of available positions: 1**

**Ref. No.: 25/2021/NA/WNST**

**Key words: biomedical engineering, biophysics, medical physics, thermovision in oncology, photosensitizers, photodynamic therapy**

Applications to the open call may be submitted by those who meet the conditions defined in Art. 113 of the Act of 20 July 2018 - *Law on Higher Education and Science* (Journal of Laws of 2020, item 85, as amended).

### RESPONSIBILITIES:

- conducting scientific research in the discipline of biomedical engineering in the scope of:
  - use of thermovision in oncology, in particular in evaluation of effects of brachytherapy, photodynamic therapy and diagnostics and dentistry,
  - cell cultures,
  - searching and synthesis of the new photosensitizers for the photodynamic therapy,
- conducting classes on the Engineer's degree studies, 1st cycle and 2nd cycle studies for the medical physics programs and related programs,
- organization of conferences concerning subjects connected with medical physics,
- cooperation with Teenagers' University of Silesia and Children's University of Silesia in the scope of conducting science popularization activities for children and young people,
- performing other organizational works for the Faculty and for the University in accordance with the Regulations of the University of Silesia.

### QUALIFICATION REQUIREMENTS:

- PhD in engineering and technology science or science and natural sciences,
- experience in conducting research in medical physics and biophysics confirmed by publications,
- recognized scientific achievements in the discipline of biomedical engineering, physics, or biophysics (e.g. indexed in Scopus or Web of Science) including publications with high number of points written in the current evaluation period (the last 4 years),
- Hirsh Index (IH) of at least 8 according to Web of Science,
- experience in laboratory work,
- experience in realization or acquisition of the research projects/grants,
- documented internship in the candidate's country or abroad,
- ability to write scientific publications in English,
- knowledge of research methods including infrared thermography, photodynamic method and microscopy,
- ability to operate the machines including confocal microscopy, circular dichroism, UV-VIS spectrophotometry, infrared thermography and active thermography,
- experience in conducting classes in higher education institution on the 1st cycle studies, or engineer studies and on the 2nd cycle studies in the scope of biomedical engineering, biophysics or medical physics,
- knowledge of Polish that allows for conducting classes (in the case of foreign candidates - readiness to learn Polish),
- documented didactic achievements and achievements in popularization of science,
- readiness to conduct classes using the tools for reaching online,
- documented professional development in the scope of academic teaching.

### ADDITIONAL REQUIREMENTS:

- ability to operate software e.g. R/Statistica/MS Office,
- presentation of minimum 2 letters of recommendation,
- presentation of scientific development plan for the next year,
- international cooperation confirmed by publications will be of advantage,
- readiness to work in a research team,
- readiness for scientific/didactic mobility,
- readiness to share knowledge and experience with others,
- self-reliance and good work organization skills,
- proactive attitude and initiative.

### WE OFFER:

- full time employment under the fixed period employment contract for 4 years,
- employment at the University as a primary place of work,
- the annual teaching load of 210 hours
- task-based working time,
- opportunity for further professional development,
- social benefits package,
- group life insurance for the University employees, their spouses/partners and adult children,
- private medical care as a part of an additional health insurance for the University employees, their spouses/partners and children,
- the Occupational Pension Scheme and the group pension insurance POGODNA JESIEŃ

### REQUIRED DOCUMENTS:

- scientific CV and cover letter,
- copies of the documents confirming fulfilment of qualification requirements (including copy of the PhD diploma or certificate awarding the PhD degree, and the MA diploma or equivalent degree diploma),
- list of publications,
- minimum 2 letters of recommendation,
- other documentation confirming candidate's scientific and didactic achievements

### SCHEDULE OF THE CALL:

- application submission deadline: **25th August 2021 (11.59 p.m.)**
- the selection process will be finalized on the **25th September 2021**

### APPLICATIONS:

Submitting an application in response to this open call means accepting the GDPR information clause available in the Application form.

The required documents shall be submitted by electronic means using the application form, available by clicking "Apply".

**Applications received after the deadline, incomplete applications and applications submitted in any other way than defined in the open call announcement shall not be considered.** The University reserves the right to leave the call unresolved.

[Aplikuj](#)

### IMPORTANT NOTICE

The necessary condition for employment of the candidate selected as a result of the Call is their fulfillment of the obligation arising from art. 265 section 5, and 13 of the Act: *Law on Higher Education and Science* of 20th of July 2018 (Journal of Laws of 2020, item 85, as amended).

In the case of foreign candidates, whose diplomas granting scientific degrees require nostrification according to the Polish law, can be employed only after fulfilling nostrification procedures.