

INSTITUTION	<b>UNIVERSITY OF WARSAW, FACULTY OF PHYSICS</b>
CITY	<b>WARSAW, POLAND</b>
POSITION	<b>student</b>
DISCIPLINE	<b>Physical sciences</b>
NUMBER OF POSITIONS	<b>2</b>
EXPIRES	<b>15.03.2022</b>
WEBSITE	<b>www.fuw.edu.pl</b>
KEY WORDS	<b>Photonics, nanodiamonds, nonlinear optics, nanostructured optical fibers</b>

**Open competition**

for undergraduate **student** position (scholarship)  
at **University of Warsaw, Faculty of Physics**  
within project

**“QUantum-effect-based Nanosensing and imaging: Novel glass-diamond photonic approach for the next generation biodiagnostic Applications” – “QUNNA”**

in scope of **TEAM-NET program**, operated by **Foundation for Polish Science**  
within The Smart Growth Operational Programme 2014-2020 Priority IV  
**INCREASING THE SCIENTIFIC RESEARCH POTENTIAL**  
Measure 4.4: Increasing the human potential in the R&D sector

**Project information:** Project evolves around new photonic materials, components and systems based on implemented color centers or defects in the crystalline diamond, with specific magnetic and optical properties. It addresses societally significant areas, including highly sensitive cancer cell detection and nano-magnetic tagging of biological matter.

The Project is realized by a Consortium of 4 partners: Faculty of Physics, University of Warsaw (Consortium leader); Jagiellonian University in Kraków, Faculty of Physics, Astronomy and Applied Computer Science; Gdańsk University of Technology, Faculty of Electronics, Telecommunications and Informatics; and Institute of Biotechnology and Molecular Medicine.

The Research team located at University of Warsaw shall work on developing of strategies, methods and technologies for combining various glassy platforms with nano-diamonds, with an aim to address challenges in progress of photonic biodiagnostics and nonlinearity engineered ultrafast optics devices.

**Project Leader:** prof. dr hab. inż. Ryszard Buczyński

The requirements:

1. Having a status of an undergraduate student on the starting date,



2. trained in experimental handling of optical fibers, specifically:
  - experimental skills in optical measurements of linear and nonlinear properties of specialty fibers will be considered an advantage,
  - familiarity with experimental work with optical fibers and scientific apparatus will be considered an advantage,
3. prior experience in application of optical fibers in ultrafast optics techniques will be considered an advantage.

**Key responsibilities of PhD student team members within the Project at Faculty of Physics, University of Warsaw (two positions available)**

1. Taking part in research executed by the research team leader and postdocs on the research team,
2. Taking part in internal research meetings (e.g. “journal clubs”) of the research team, participation in these meetings can be remote using on-line, video-conferencing tools,
3. Assisting the team leader and postdocs in processing of research data for manuscript preparation.

We offer:

- challenging research work at a leading University in Poland
- access to well-stuffed core facility
- work in the interdisciplinary scientific team
- the opportunity of realizing and diploma topic in scope relevant to the Project

Conditions of employment:

- 1) Duration of contract: **12 months (with a possibility of extension)**
- 2) Position starts (envisioned): **1<sup>st</sup> of April 2022**
- 3) Job status: **Stipend**
- 4) Monthly salary: **PLN 1500** (stipend)
- 5) Place of assignment: **Faculty of Physics, University of Warsaw**

The candidate should provide the following documents:

1. Application for the position (please use the pdf-format and the file should contain a scanned signature).
2. Information on the processing of personal data - information clause and consent clause - attachment to the announcement. Please use the pdf-format and the file should contain a scanned signature.
3. CV of candidate
4. Contact data to one (or more) senior researchers familiar with applicant’s research work.

*The successful candidate shall be asked to submit original (hardcopy) versions of these documents upon enrollment.*

The candidate should provide all documents to dr hab. Mariusz Klimczak, to an email address: **mariusz.klimczak@fuw.edu.pl** with email title “**QUNNA Student UW**”.

The entire procedure will be concluded before **31.03.2022**. The candidate might be asked for an interview.

Candidates, who receive information on negative assessment of their application, shall have the right to appeal within 7 days of notification.

Candidates shall be informed about the outcome of the competition by e-mail.



## INFORMATION ON THE PROCESSING OF PERSONAL DATA

### INFORMATION CLAUSE

Pursuant to Article 13 of Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation), University of Warsaw hereby informs:

1. The Controller of your personal data is the University of Warsaw with its registered office at Krakowskie Przedmieście 26/28, 00-927 Warszawa;
2. The Controller has designated the Data Protection Officer who supervises the processing of personal data, and who can be contacted via the following e-mail address: [iod@adm.uw.edu.pl](mailto:iod@adm.uw.edu.pl);
3. Your personal data will be processed for the purpose of carrying out a recruitment process and selecting an employee and concluding a contract for employment at the University of Warsaw;
4. The provided data will be processed pursuant to Article 22<sup>1</sup> § 1 of the Act of 26 June 1974 Labor Code (uniformed text: Dz.U. of 2018, item 917) and your consent for processing of personal data;
5. Provision of data in the scope stipulated in the Labor Code is mandatory, and the remaining data are processed according to your consent for processing of personal data;
6. The data will not be shared with any external entities;
7. The data will be stored until you withdraw your consent for processing of personal data;
8. You have the right to access your personal data, to rectify, erase them, restrict their processing, object to processing, and to withdraw the consent at any time;
9. You have the right to lodge a complaint to the President of the Office for the Protection of Personal Data.

### CONSENT CLAUSE

I hereby consent to have my personal data processed by the University of Warsaw with its registered office at ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa for the purpose of carrying out a recruitment process and selecting the scholarship holder and concluding a scholarship agreement.

I have been informed of my rights and duties. I understand that provision of my personal data is voluntary.

.....  
(place and date)

.....  
(signature of the person applying for position)

