

Entity: Faculty of Economic Sciences, University of Warsaw

Position: student/PhD student – scholarship

OPUS NCN project: “Modelling and forecasting business location in context of economies of density. Theoretical, methodological and empirical approach using spatial econometrics and spatial machine learning”

Requirements:

- status of a bachelor or master student on the day of the end of the call for applications - preferred studies in the field of economics or computer science and econometrics or data science or mathematics or computer science
- research interests in quantitative methods and / or regional studies and willingness to develop a scientific career
- very good knowledge of R and/or Python
- very good command of the English language
- preferred knowledge of spatial econometrics and visualisation

Description of tasks:

The scholarship is offered as part of the three-year project OPUS 21 NCN: “Modelling and forecasting business location in context of economies of density. Theoretical, methodological and empirical approach using spatial econometrics and spatial machine learning”. The project aims to develop a new quantitative and theoretical solution in response to how the current density of companies from various sectors affects the location decisions of other companies.

Responsibilities:

- research work on testing the models developed in the project - using spatial quantitative methods (spatial statistics, spatial econometrics and spatial machine learning)
- data visualisation and modelling results
- writing R codes and their descriptions for spatial analysis (spatial statistics, spatial econometrics and spatial machine learning)
- support in data and literature analysis, modelling and calculations (mainly in R)
- support in writing grant publications
- popularising the results, including on the website

Deadline for application: 20 August 2023

The successful candidate will be notified by: 31 August 2023

The application should be submitted via: e-mail.

Employment conditions:

A scholarship of PLN 1,500 / month for 15 months. The number of positions: 1.

The successful candidate who shows considerable interest and commitment to work on the project will co-author publications created as part of the project. It is possible to finance conference trips with the successful candidate’s presentation.

Required documents:

1. CV (possibly including scientific accomplishments, information about awards, scholarships);
2. Confirmation of the student status with expected date of completion of studies;
3. Motivation letter describing research interests and experience of the candidate;

4. Contact details of academic teacher who can make a recommendation (the recommendation letter itself is not required)
5. Clause of personal data processing **signed** (SEE BELOW).
6. Other documents confirming compliance with the competition requirements

The submissions should be sent to the Principal Investigator of the project, prof. Katarzyna Kopczewska, kkopczewska@wne.uw.edu.pl.

.....
given and family name

Information on personal data processing

Controller

Controller of your personal data processed in connection with the recruitment process is the University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa, as the Employer.

Contact with the controller:

- by traditional mail at: University of Warsaw, ul. Krakowskie Przedmieście 26/28, 00-927 Warszawa (name the organisational unit to which your letter is addressed);
- by phone: 22 55 20 355.

Data Protection Officer (DPO)

Controller has designated Data Protection Officer whom you may contact via email at iod@adm.uw.edu.pl. You may contact the DPO in all matters relating to your personal data processing by the University of Warsaw and the exercise of rights in relation to the processing of personal data.

The DPO, however, does not proceed other matters, like handling recruitment procedures, collecting recruitment documents, providing information on current recruitment process.

Purpose and legal grounds of data processing

Personal data of candidates for employment shall be processed for recruitment purposes only.

Your personal data shall be processed in the scope as indicated by employment law¹ (*given name (names) and family name, date of birth, contact information as provided, education, professional qualifications, previous employment*) for the purposes of this recruitment process², whereas other data³ shall be processed based on your consent which may take the following wording:

I agree to the processing of personal data provided in (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.

If your documents include data as mentioned in Art. 9 section 1 of the GDPR (special categories of personal data), processing shall be possible upon your consent to processing such data⁴ which may take the following wording:

I agree to the processing of special categories of personal data, as mentioned in Art. 9 section 1 of the GDPR, provided in (e.g. CV, cover letter, and other submitted documents) by the University of Warsaw for realising my recruitment process.

The University of Warsaw shall be also processing your personal data in future recruitment processes upon your consent⁵ which may take the following wording:

I consent to processing of my personal data for the purposes of any future recruitment processes at the University of Warsaw for the period of the next nine months.

¹ Art. 22¹ of the law of June 26, 1974 Labour Code (i.e. Journal of Laws 2019 item 1040 with subsequent changes);

² Art. 6 section 1 letter b of the Regulation of the European Parliament and the Council (EU) 2016/679 of April 27, 2016 on protection of individual persons with regard to the personal data processing and on the free flow of such data, and also repealing Directive 95/46/EC (general regulation on data protection) (Official Journal EU L 119 of 04.05.2016, page 1, with subsequent changes) (hereinafter as the GDPR);

³ Art. 6 section 1 letter a of the GDPR;

⁴ Art. 9 section 2 letter a GDPR;

⁵ Art. 6 section 1 letter a GDPR;

You may revoke all such consents at any time by, for example, sending an email at kkopczewska@wne.uw.edu.pl.

Be advised that the revocation of your consent does not affect legal compliance of processing which had been completed upon consent before its revocation.⁶

Data retention period

Your personal data collected in this recruitment process shall be stored over the period of three months from the date the recruitment process is completed.

In case you agree to process your data in future recruitments, your data shall be used over the period of nine months.

Data recipients

Officers authorised by the Controller shall have access to your personal data, the processing of which is in the scope of their duties.

Data transfer outside the European Economic Area (EEA)

Your personal data shall be disclosed to subjects authorised by law. Signing-in is through Google Forms. Your personal data may be also processed by our provider of G-Suit for education by Google Company in their data processing centres.⁷ Your data shall be protected under the standards of the Privacy Shield, accepted by the European Commission.⁸ This shall guarantee an adequate level of data security.

Rights of the data subject

Under the GDPR data subjects have the following rights:

- *to access data and to receive copies of the actual data;*
- *to correct (rectify) your personal data;*
- *to restrict processing of personal data;*
- *to erase personal data, subject to provisions of Art. 17 section 3 of the GDPR;*
- *to file a claim with the [President of the Personal Data Protection Office, if you](#) believe data processing violates law.*

Information on the requirement to provide data

Providing your personal data in the scope resulting from law is necessary to participate in the recruitment process. Providing other personal data is voluntary.

.....
place and date

.....
applicant's signature

⁶ Art. 7 section 3 GDPR;

⁷ <https://www.google.com/about/datacenters/inside/locations/index.html>

⁸ <https://www.privacyshield.gov>