

Dean of Department of Chemistry, with the consent of the Rector of the University of Gdańsk announces a competition for the position of
Research Assistant
in the Laboratory of Environmental Chemometrics
within the Department of Chemistry

The competition may be joined by those who meet the requirements defined in the "Law on Higher Education" dated. 27.07.2005 r. (Journal of Laws No. 164, item. 1365, as amended. D.) and the Statute of the University of Gdańsk § 89.

1. Subject:

The person hired for this position will carry out the tasks of scientific research within the area of development of comprehensive computational methods for risk assessment of ionic liquids within the project: Computational Risk Assessment of ionic liquids Before their use in new technologies (CRAB).

2. Expectations:

- Master Degree and PhD thesis (in preparation) in chemistry or computational chemistry
- practical knowledge of chemometrics and the ability to use the computational methods for human and environmental risk assessment of novel chemicals
- experience in applying chemometrical methods for analytical problems and developing Quantitative Structure-Activity Relationship (QSAR) and Quantitative Structure-Property Relationship (QSPR) models
- good knowledge of ionic liquids
- published scientific articles in the field of application of chemometric methods in the study of ionic liquids
- good knowledge of statistical methods and methods of analyzing and visualizing quantitative and qualitative data
- practical knowledge of chemometric and computational chemistry software (QSARINS, MOPAC, Gaussian)
- good knowledge of R or Python, SQL programming languages
- English skills at level that allows for presentation of the results of the project
- experience in performing research proved by published high quality research papers
- high level skills in scientific writing
- analytical thinking
- skills and motivation for fast learning of new methods,
- strong motivation to develop personal research carrier
- self-reliance and creativity
- organizational skills.

3. Contract conditions:

- Type of contract: Regular contract for limited time
- Duration: until 4th February 2018 with possibility of extension
- Starting date: June 2017
- Salary: Regular assistant professor salary (as regulated by internal rules of the University of Gdańsk).

4. Required documents

Candidates are requested to send the following required documents by 9th May 2017 by e-mail on pchs@qsar.eu.org :

- an application letter for the offered position, addressed to the Rector of the University of Gdansk
- a copy of the master's degree diploma
- Personal questionnaire for the person applying for employment (available from the UG website:
http://ug.edu.pl/sites/default/files/_nodes/strona/47117/files/kwquestionariusz_osobowy_dla_osoby_ubiegajacej_sie_o_zatrudnienie_1.doc)
- CV taking into account scientific achievements of the candidate (i.e. List of publications, information about the scientific held internships, participation in conferences, won awards and honors, etc.)

Chosen Candidates will be shortlisted for an interview (in person or by Skype). The final decision about the positive qualification for the position will be adopted and communicated to the Candidate within two weeks of the interview. Persons not qualified will be informed by e-mail.

The deadline for applications expires on 9th May 2017.

The university does not provide accommodation.