



UNIwersytet
Warszawski

Wydział Chemii



Warsaw, 30.03.2020

WCH.1210-3/2020

An announcement for post-doc position

Position of post-doc (adiunkt) (a group of science positions) in the OPUS project entitled "*More accurate models of the electrostatic potential of biological macromolecules and organic crystals necessary for proper interpretation of data from cryo-electron microscopy and from electron diffraction – feasibility study*" financed by National Science Centre, Poland, is open for application. Project leader: dr hab. Paulina M. Dominiak, prof. ucz.

The post-doc (adiunkt w grupie pracowników badawczych) will run a research in exact and natural sciences, in discipline of chemistry. Available positions: 1

We are looking for motivated candidates:

- with a PhD degree in exact or natural sciences with preference for chemistry – hold at the first day of the contract (applications from PhD students are accepted),
- good knowledge of written and spoken English
- experience in crystallography OR/AND computational chemistry proven by scientific article publications
- knowledge of macromolecular crystallography OR/AND proven experience in high-resolution x-ray diffraction charge density measurements
- basic programming skills OR/AND practical experience in script usage/writing and proven ability to work with large amount of data
- experience with structure refinement against electron diffraction or single particle cryoEM data will be an advantage
- well-developed analytical skills
- written and spoken presentation skills
- ability to work as part of a team

The candidate must meet the requirements of art. 113 of the Act - Law on Higher Education and Science dated July 20, 2018 (Journal of Laws of 2018, item 1668 as amended).

Main duties:

- running research on development and verification of new databanks of atomic electron densities on the basis of existing procures published in: Acta Cryst. 2012, A68, 139; JCTC, 2014, 10, 1652; ChemPhysChem, 2016, 17, 2455; Acta Cryst. 2017, B73, 610.
- keeping scientific documentation

We offer:

a temporary contract with the University of Warsaw (full time position/employment contract) starting from **June 2020**, for 6 months, with a possible extension up to **March 2022** depending on the candidate qualifications. It is allowed to start work at a later date for important reasons.

Required documents:

- Curriculum Vitae (CV including list of scientific articles, conference presentations, awards, international internships, scholarships, workshops, participation in research projects),
- a motivation letter (What are your scientific interests? What are your key strengths and achievements? Why do you want to work in the project?),
- two dedicated to this announcement recommendation letters (at least one from direct supervisor) sent by the referees directly to prof. Dominiak (pdomin@chem.uw.edu.pl).
- information on the processing of personal data (the template available at: <http://www.chem.uw.edu.pl/oferty-pracy/>),
- declaration of reading and acceptance of the rules for conducting competitions at the University of Warsaw (a template available at: <http://www.chem.uw.edu.pl/oferty-pracy/>).

Please submit the documents **no later than April 30th, 2020** to: **pdomin@chem.uw.edu.pl** (PDF is the preferred format).

Only candidates who submit complete documentation will be considered in the recruitment procedure. Selected candidates may be invited by e-mail, no later than **May 5th, 2020**, to participate in interview. In the case of not signing the contract by the candidate, due to the resignation, we reserve the right to choose the next candidate from the ranking list. The competition may be repeated until a suitable candidate who fulfils all requirements is found.

The results of the competition will be given by e-mail till **May 13th, 2020**.

The competition is the first stage of the employment procedure as an academic teacher, and its positive outcome is the basis for further proceedings.