Job posting

Type of position
☒ scientific
☐ administrative

Target group
☒ graduates
☐ post docs
☐ other

Title
University Assistant (praedoc) at the Vienna Doctoral School in Chemistry (DoSChem), Faculty of Chemistry, University Vienna

Institution
The University of Vienna, Faculty of Chemistry, is the home of the newly founded Vienna Doctoral School in Chemistry (DoSChem). DoSChem is the largest doctoral training program in Austria focusing on the field of chemistry and closely related sciences by bringing together about 200 doctoral students and more than 50 principal investigators. Our goal is to train excellent scientists and to provide an open-minded environment that allows them to connect with each other and to experience a scientifically rich environment to carry out interdisciplinary and curiosity-driven research.

Position
University Assistant (praedoc) at the Vienna Doctoral School in Chemistry (DoSChem)

Reference number: 12934

DoSChem offers 3 PhD positions with starting time in August 2022 and contract duration of 3 years in Biological Chemistry, Inorganic Chemistry – Functional Materials and Theoretical Chemistry. The contract duration is 3 years with a preliminary limitation of 1.5 years and will automatically be extended to 3 years unless the employer hands in a non-extension declaration after 12 months.

In order to apply please visit our web page https://doschem.univie.ac.at/application/

Duration of employment: 3 year/s
Extent of Employment: 30 hours/week
Job grading in accordance with collective bargaining agreement: §48 VwGr. B1 Grundstufe (praedoc) with relevant work experience determining the assignment to a particular salary grade.

Responsibilities
We expect the successful candidate to sign a doctoral thesis agreement within 12-18 months and to participate in research, teaching and administration, including:
- Participation in research projects / research studies
- Participation in publications / academic articles / presentations
- Participation in teaching and independent teaching of courses as defined by the collective agreement
- Supervision of students
- Involvement in the organisation of meetings, conferences, symposiums
- Involvement in the department administration as well as in teaching and research administration

Job Description:
#1 (Planstelle 10033117) 1 PhD position in Biomolecular NMR Methods development in the group of Assoc. Prof. Kurzbach, at the Institute of Biological Chemistry.
#2 (Planstelle 10033120) 1 PhD position in Materials Chemistry in the group of Ass. Prof. Jia Min Chin, at the Institute of Inorganic Chemistry – Functional Materials.
#3 (Planstelle 10033118) 1 PhD position in the group of Dr. Philipp Marquetand, at the Institute of Theoretical Chemistry.

For detailed description and application please visit: https://doschem.univie.ac.at/application/

Requirements
#1 Master of science (chemistry, biology or similar)
- Computer affinity (basic knowledge of high-level programming languages and Linux is a plus
- Basic knowledge of NMR spectroscopy
#2 Master’s degree in chemistry or chemical engineering or closely related fields and knowledge in materials chemistry and electrochemistry
#3 Master of science (chemistry, physics, computational science or similar), ideally with a publication record.
- Good knowledge in theoretical chemistry, especially on one or more of the following topics: excited-state quantum chemistry, machine learning, molecular dynamics, thermostats, path-integral methods.
- Programming skills, preferably Python, Julia, Fortran.

For All:
- Ability to work both independently and collaboratively
- Strong ambition and good work ethics
- Strong communication skills
- Excellent command of the English language
- Teamwork
- Good oral and written skills
- High resilience
- Conflict ability
The University of Vienna has a very strong, institutionalised gender equality policy and within this framework DoSChem strives to strengthen the career development of female scientists at all qualifications levels and to support compatibility between family and work/training.

The University pursues a non-discriminatory employment policy and values equal opportunities, as well as diversity (http://diversity.univie.ac.at/). The University lays special emphasis on increasing the number of women in senior and in academic positions. Given equal qualifications, preference will be given to female applicants.

Human Resources and Gender Equality of the University of Vienna
Reference number: 12934

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Contact