The support of scientists at all career stages is one of the highest priorities of the Excellence University of Bonn. In this context, the Argelander Tenure Track Professorship Program is specifically dedicated to supporting excellent junior researchers and enabling them to develop their own independent research at the interface between the disciplines.

Applications are invited for an open position of an

**Argelander Assistant Professor (W1) for Biohybrid Research (tenure track to W2)**

to be filled as soon as possible within the Transdisciplinary Research Area "Building Blocks of Matter and Fundamental Interactions" of the University of Bonn. The initial appointment will be at W1 level (Assistant Professor) with tenure track to a W2 position (Associate Professor) at the Chemistry Department of the Faculty of Mathematics and Natural Sciences. Candidates should have a strong research profile in engineering and instrumental analytics of biohybrid structures. Potential applications of such biohybrids can be in the areas of sensing, catalysis or energy conversion.

Teaching is an integral part of professorships. The Assistant Professor’s teaching responsibilities are in the area of Chemistry / Physical Chemistry and follow the provisions of the Higher Education Act of the Federal State of North-Rhine Westphalia. Contributions to future integrated research projects are expected. Assistant professors are appointed for an initial period of three years with an extension for another three years in case of a positive interim evaluation. Subsequently, the appointment can be made permanent at W2 level following a positive final evaluation by the University’s governing bodies.

This professorate is funded by the Tenure Track Program of the German Federal and State Governments. Awarding tenure is not subject to a vacancy at the time when the fixed-term contract of the tenure-track position expires. This call is aimed at early-career researchers. Candidates must have changed universities following the doctorate or have been working in academic research outside of the University of Bonn for at least two years prior to applying.

Formal requirements are defined by § 36 of the Higher Education Act of North Rhine-Westphalia (Hochschulgesetz Nordrhein-Westfalen).

Regulations on tenure track at the University of Bonn and further information on tenure track professorates at the University of Bonn are available at [https://www.uni-bonn.de/research/argelander-program/after-your-doctoral-studies/tenure-track?set_language=en](https://www.uni-bonn.de/research/argelander-program/after-your-doctoral-studies/tenure-track?set_language=en)


For further information on this professorate, please contact Prof. Dr. Peter Vöhringer via E-Mail (p.voehringer@uni-bonn.de) or phone (+49 (0) 228-737050).
The University of Bonn is committed to diversity and equal opportunities. It is certified as a family-friendly university and offers a dual-career service. The aim of this program is to increase the proportion of women in areas in which they are under-represented and to promote their careers. The University therefore strongly encourages applications from qualified women. Applications are processed in accordance with the Equal Opportunities Act of North Rhine-Westphalia (Landesgleichstellungsgesetz). Applications from suitably qualified individuals with proven severe disabilities, or those granted an equivalent status, are particularly welcome.

Qualified applicants are requested to apply by submitting the usual documents (cover letter, CV, research plan and teaching concept, list of publications, degree certificates) in English until August 31, 2020.

Please apply via our online portal: https://berufungsportal.uni-bonn.de/login.do

**Evaluation of the W1 Argelander Tenure Track Professorship (tenure track to W2)**

The evaluation is conducted in accordance with the TenureTrack Regulations (TTO) of the University of Bonn and is carried out in four different categories: (i) research achievements, (ii) teaching accomplishments, (iii) academic committee work or offices and (iv) leadership responsibilities. The assessment of the junior professor's qualifications occurs in two terms with an interim evaluation (after three years) in the categories (i) and (ii) and a final evaluation (after six years) in all four categories.

**1. Interim evaluation**

27 months after initial recruitment, the junior professor submits a written self-assessment report to the tenure-track committee. The report shall be drafted along the TTO guidelines (see TTO appendix, part B) and is independently evaluated by four different reviewers. Their statements serve to give the junior professor feedback on the progress of his/her professional development. The following criteria are expected to be met during the first period:

(i) Research achievements:
• At least one publication with corresponding authorship in a highly regarded scientific journal with peer review.
• Submission of an application for a research grant within a competitive program for third-party funding (EU, DFG, BMBF, Industry, Foundations, etc).

(ii) Teaching accomplishments
• Independently conducting at least one teaching module in either of the two Chemistry degree programs (BSc Chemistry, MSc Chemistry) or, alternatively, independent teaching of a minor-subject Chemistry course within the other degree programs of the Faculty for Mathematics and Natural Sciences.
• Successful support of students as evidenced e.g. by supervising bachelor’s and/or master’s theses.

On (i) and (ii)
Excellent research achievements that are internationally recognized as top range in the field along with a very good performance in academic teaching or, alternatively, an
excellent teaching performance along with very good research achievements that significantly exceed international standards.

2. Final evaluation

9 months before the end of the second term, the junior professor submits a written self-assessment report to the tenure-track committee. The self-assessment shall be drafted along the TTO guidelines (see TTO appendix, part B) and is independently evaluated by four different reviewers, two of whom are not members of the University of Bonn. In addition, the junior professor presents his/her research in an oral public presentation. All four reviews as well as the oral presentation are taken into account in the final tenure decision. The following criteria are expected to be met at the end of the second term:

(i) Research achievements:
• At least five publications with corresponding authorship in one or more highly regarded scientific journals with peer review.
• Successful support of junior researchers as evidenced by supervising doctoral theses and/or mentoring postdocs.

(ii) Teaching:
• Successfully and independently conducting teaching modules in either of the two Chemistry degree programs (BSc Chemistry, MSc Chemistry) or, alternatively, independently teaching minor-subject Chemistry courses within other degree programs of the Faculty of Mathematics and Natural Sciences. The teaching performance is measured by analyzing the student polls conducted at the end of each semester.
• Successful support of students as evidenced e.g. by the supervising bachelor’s and/or master’s theses.

On (i) and (ii)
Excellent research achievements that are internationally recognized as top range in the field along with a very good academic teaching performance that significantly exceeds standards or, alternatively, an excellent teaching performance on international top level along with very good research achievements that significantly exceed international standards.

(iii) Academic committee work or offices
• Active participation in the work of the University’s bodies and committees as well as engagement in the academic community as a whole.

(iv) Leadership responsibilities
• Managing an active and independent research group
• Enrolling in the continued training program offered within the framework of the human resource development concept of the University of Bonn.