

September 17th, 2025

Personnel Selection Committee,
Department of Chemistry,
Faculty of Science, Hokkaido University.
Chairperson

Recruitment of Assistant Professor in the Faculty of Science, Hokkaido University

We invite applications for the position of Assistant Professor in the Department of Chemistry, Faculty of Science, Hokkaido University as follows. At Hokkaido University, we are actively promoting both education and research activities while relying on diverse human resources and gender-equality. Therefore, we explicitly invite women qualified in this division to apply. We are also actively supporting a satisfying work-life-balance and are thus creating ideal environments for people to reach their full potentials.

1. Position Title

Assistant Professor, 1 (see section 8 for the contract period)

2. Department

(Immediately after hiring) Department of Chemistry, Faculty of Science, Hokkaido University
(Scope of change) Location as determined by the University

3. Research Field

Theoretical Chemistry, Computational Chemistry.

4. Qualifications

Ph.D. The candidate will be responsible for providing research guidance to students of the theoretical chemistry laboratory and delivering lectures in accordance with the above job description.

5. Job description:

(Immediately after hiring) The candidate will collaborate with faculty members of the Theoretical Chemistry Laboratory to contribute to research, education, and administrative duties within the Faculty and Graduate School of Science. Responsibilities include developing original theoretical frameworks by integrating laboratory-specific methodologies—such as the Artificial Force Induced Reaction (AFIR) method and the Virtual Ligand method—with the candidate's own ideas, and applying these frameworks to the understanding and prediction of chemical reactions. The role also involves educational activities, including supervising programming exercises for second-year chemistry students and conducting introductory chemistry experiments for first-year students.
(Scope of change) Duties as determined by the University

6. Desired Start Date

As early as April 1, 2026, or as soon as possible thereafter

7. Probation Period

3 months

8. Compensation

The initial contract period is five years and may be extended to a maximum of ten years, subject to an interim evaluation, Salary is based on National University Corporation Hokkaido University salary rules for faculty subject to annual salary system. For health insurance, etc., the employed joins the employee pension insurance, mutual association of the ministry of education, culture, sports, science and technology, employment insurance, and workers' accident compensation insurance. As a measure to prevent second-hand smoke, smoking is prohibited on the premises except for specific outdoor smoking areas. As working hours, Discretionary Work System for specialized work based on consent (*) or Fixed Working hours system will be applied. (* Determined as working 7 hours and 45 minutes per day.).

9. Name of recruiting Institution

Hokkaido University

10. Application Materials

Applicant should submit the following documents via JREC-IN Portal "Web Application." (See following link) The applicant should merge the documents into one pdf file.

< <https://jrecin.jst.go.jp/seek/SeekJorDetail?id=D125090628&ln=1> >

- (1) Curriculum Vitae
- (2) Publication list (divided into 2 parts, articles with a peer review process and others)
- (3) Publications within 3 papers. Summary of each paper concerning the originality, critical finding, and applicants' contribution.
- (4) Summary of past research (maximum 3 pages of A4 paper) and future research plans and educational aspirations (maximum 1 pages of A4 paper)
- (5) Recommendation letters or a list of two references to whom the University can ask for opinions on the research and education experiences of the candidate.
- (6) Other research activities (awards, conference presentations [divided into invited lectures, oral presentations, and poster presentations], external research funding, education experience, outreach activities, study abroad experience, etc.)

11. Application Deadline

October 31, 2025

12. Contact Addresses

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