2026/11/26

**Position Open: Postdoctoral Fellow at Hokkaido University**
**Institute for Chemical Reaction Design and Discovery**

The Institute for Chemical Reaction Design and Discovery (ICReDD), Hokkaido University, as a global research center based on the “World Premier International Research Center Initiative (WPI),”constructs an international research environment which gathers world-leading researchers and establishes a research environment that integrates computational, information and experimental sciences, in order to establish a new academic field “Chemical Reaction Design and Discovery”, to provide substantial knowledge on chemical reactions that efficiently develop chemical reactions and materials for the future necessity, and to sustainably cultivate human resources engaged in the field of “Chemical Reaction Design and Discovery”.

We are inviting applications for the position of Postdoctoral Fellow (Jung group), Institute for Chemical Reaction Design and Discovery, Hokkaido University as follows.

1. **Name of Recruiting Institution**
   National University Corporation Hokkaido University

2. **Position**
   Postdoctoral Fellow, 1 opening

3. **Employment Term**
   From the earliest possible date after April 1, 2027 (negotiable) to March 31st, 2028
   (The contract will not be renewed.)

4. **Department**
   (Just after hiring) Institute for Chemical Reaction Design and Discovery
   (Scope of change) No change expected.

5. **Location**
   Sapporo, JAPAN (Hokkaido University)

6. **Research Field**
   Molecular catalysis, photochemistry, and electrochemistry

7. **Job description**
   (Just after hiring) In the ICReDD Jung group, the following research will be carried out mainly to promote integrated research in computational, information and experimental sciences.
   (1) Develop and evaluate molecular catalyst systems for photochemical and electrochemical $CO_2$ reduction.
   (2) Investigate reaction intermediates and electron-transfer processes using time-resolved spectroscopy and electrochemical measurements.
   (3) Test proposed reaction mechanisms by comparing experimental and computational results and use the findings to guide the design of new molecular catalysts.
   (Scope of change) No change expected.

8. **Qualifications**
   (1) PhD degree(s) at the time of appointment
   (2) Outstanding achievements and publications in the research field
   (3) Strong motivation to actively engage in new integrations with different fields

9. **Probation Period**
   The probation period is one month.

10. **Salary**
    Annual Salary System
    *The salary will be determined in accordance with the regulations of Hokkaido University.
    *No travel expenses will be provided for the assignment or resignation.

11. **Working Form**
    Discretionary labor system for professional work(*) based on the employee’s agreement or Fixed working hours system

* The standard working hours for a day is deemed as 7 hours and 45 minutes.
** The leaves will be granted in accordance with the University's rules and regulations.

**12. Health Insurance and Pension**

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association Services including Health Insurance, Employee Pension, Workers' Accident Compensation Insurance and Employment Insurance

**13. Measures to Prevent Second-hand Smoke**

Smoking in designated areas only

**14. Application Materials**

(1) Curriculum Vitae
*Free format with an attached profile photo of the applicant, the following information should be included: Name, current address, telephone number and Email address, Date of Birth, academic history, degree(s), license, career history, awards, membership of organizations etc.
*Applicant who has been employed by Hokkaido University from April 1, 2013 (any position, including Part-time Lecturer, Teaching Assistant, Teaching Fellow, Research Assistant and Short-term Support Assistant, etc.) should provide full details of your employment history.
(2) List of research activities, including original scientific papers, book chapters, other publications, presentations in scientific meetings, awards, and other relevant activities.
(3) List of major publications (at most five)
* the following information should be included: summary, role, number of citations
(4) Summary of past and current research (One A4 page or less)
(5) Prospects and aspirations for future research at ICReDD (One A4 page or less)
(6) A list of two references (including the names, phone numbers and e-mail addresses)
*All the above application documents must be written in English.

**15. Application Deadline**

December 31, 2026 (JST)

**16. Application Submission**

Files including the documents above should be sent to the following e-mail address:
E-mail: recruit AT icredd.hokudai.ac.jp
*Change AT into @ when sending an e-mail.
*Please put "Application for Postdoctoral Fellow in ICReDD(Jung group)" in the subject box.
*Personal information will be exclusively used for the screening.

**17. Inquiries**

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*Change AT into @ when sending an e-mail.

**18. Others**

・At Hokkaido University, we actively promote both education and research while fostering diverse human resources and gender-equality. Therefore, we explicitly invite women qualified in this research field to apply.
・As a measure to increase the percentage of female researchers at the University in accordance with Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment, priority will be given to women if they are recognized as having the same competence required for the job based on a fair evaluation.
・The Office of Diversity, Equity, and Inclusion of Hokkaido University is working to promote a research environment in which diverse human resources can play an active role, focusing on human resource development for female researchers and support for balancing research activities and family life. For more information, please visit the Office of Diversity, Equity, and Inclusion website at the following URL.
https://www.dei.hokudai.ac.jp/en/