

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

The Institute for Chemical Reaction Design and Discovery (ICReDD), Hokkaido University, as a global research center based on the "World Top Level Research Center Program (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 (List group), Institute for Chemical Reaction Design and Discovery, Hokkaido University as follows.

**1. Name of Recruiting Institution**

National University Corporation Hokkaido University

**2. Position and number of openings**

Postdoctoral Fellow, 2 openings

**3. Employment Term**

One year from the starting date

(Renewal of appointment may be offered up to 3 years from the starting date.)

**4. Department**

Institute for Chemical Reaction Design and Discovery

**5. Location**

Sapporo, Hokkaido (Hokkaido University)

**6. Research Field**

Asymmetric catalysis

**7. Job description**

The Postdoctoral Fellow will conduct research in the area of asymmetric catalysis, promoting integrated research in computational, information and experimental sciences.

(1) Chiral Lewis and Brønsted acid catalysis

(2) Asymmetric Counteranion Directed Catalysis (ACDC)

(3) Catalyst design using quantum chemistry and chemoinformatics

**8. Qualifications**

(1) PhD degree(s) at the time of appointment

(2) Outstanding achievements and publications in the field of synthetic chemistry

(3) Strong motivation for research and other duties related to the management of the ICReDD

(4) Efficient communication skills in English for research activities

(5) Ability to conduct research activities effectively with PI in a team

(6) Strong motivation to actively engage in new integrations with different fields

**9. Desired Starting Date**

As early as possible after acceptance is notified (yet, still negotiable)

**10. Probation Period**

The probation period is one month.

**11. Salary**

The salary will be determined in accordance with the regulations of Hokkaido University.

## 12. Working Form

Discretionary labor system for professional work

\*The standard working hours for a day is deemed as 7 hours and 45 minutes.

## 13. Health Insurance and Pension

Health Insurance, Employee Pension, Workers' Accident Compensation Insurance and Employment Insurance

## 14. Measures to Prevent Second-hand Smoke

Smoking in designated areas only

## 15. 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. (Free format)

(3) List of major publications (Free format)

(4) Summary of past and current research (One A4 page or less)

(5) Statement of proposal for your future research in ICRReDD (One A4 page or less)

(6) A list of two references (including the names, phone numbers and e-mail addresses)

## 16. Application Deadline

Recruitment ends as soon as the employee is decided.

## 17. Application Submission

Combine all the documents above into one PDF file and send to the following e-mail address:

E-mail: recruit AT icredd.hokudai.ac.jp

And cc to: list AT mpi-muelheim.mpg.de

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

Please put "Application for postdoctoral fellow in ICRReDD (List group)" in the subject box.

\* Personal information will be exclusively used for the screening.

## 18. Inquiries

Prof. LIST, Benjamin

Institute for Chemical Reaction Design and Discovery (ICReDD), Hokkaido University

E-mail: recruit AT icredd.hokudai.ac.jp

And cc to: list AT mpi-muelheim.mpg.de

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

## 19. 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 Promotion office of Research environment for Diversity 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 Promotion office of Research environment for Diversity website at the following URL.

<https://reed.synfoster.hokudai.ac.jp/>