

Job Opening - Assistant Professorship in Quantum Chemistry Laboratory

Faculty of Science of Hokkaido University, Japan invites applications for an academic position of assistant professor according to the following description. Applications from overseas researchers are especially encouraged.

1. Position Title

Assistant Professor (The term of the position is 5 years)

2. Application Qualification

Excellent research expertise in theoretical chemistry. Outstanding research achievements on the development and application of quantum chemistry calculation methods, especially in the study of reaction mechanism. Strong motivation for conducting research. Successful candidates should have a Ph.D. in the related areas and good communication skills for collaboration with both theoretical colleagues and experimental groups.

3. Research Area and Scope of Work

The position entails broad knowledge of theoretical chemistry as it relates to elucidating the mechanism of chemical reactions and prediction of novel structures and reactions based on development of new methods of reaction path search and statistical theory in cooperation with Prof. Satoshi Maeda. The candidate is also expected to supervise the undergraduate and graduate students.

4. Documents to Submit

(1) Curriculum vitae (including picture, date of birth, nationality, current address, contact information, educational history after high school, degrees acquired, qualifications, employment history) (two sets)

(2) Research achievements which should be categorized into the following types: a) refereed original papers, b) patents, c) reviews and commentaries, d) books, e) invited lectures, f) grants awarded (main author only) and g) honors awarded (two sets)

(3) Offprints (or photocopies) of five journal publications (two sets)

(4) Brief of research to date (approximately 500 words) (two sets)

(5) Plan for research and education if appointed (approximately 500 words) (two sets)

(6) Two references (name, institution, tel., e-mail) (two sets)

5. Deadline for Application

The application must be received no later than July, 31st, 2017.

6. Expected Start Date

The earliest possible day after the final decision

7. Contact Addresses

Prof. Takanori Suzuki, Department of Chemistry, Faculty of Science, Hokkaido University, Kita 10 Nishi 8, Kita-ku, Sapporo, Hokkaido 060-0810, Japan

Tel: +81 11 706 2714 / E-mail: tak@sci.hokudai.ac.jp

8. Submission Method

Applications should be sent via registered mail to the following postal address:

Prof. Takanori Suzuki, Department of Chemistry, Faculty of Science, Hokkaido University, Kita 10 Nishi 8, Kita-ku, Sapporo, Hokkaido 060-0810, Japan

Please indicate "Application for an Assistant Professor Position for Quantum Chemistry Laboratory" in red ink on the envelop. Documents submitted will not be returned to the applicant.