

**Open Position for Assistant Professor**  
**Quantum Chemistry Laboratory, Physical Chemistry Group**  
**Department of Chemistry, Faculty of Science, Kyushu University**

**1. Number of Position Opening:**

One Assistant Professor (a term of 5 years)

**2. Institution:**

Quantum Chemistry Laboratory, Physical Chemistry Group, Department of Chemistry, Faculty of Science, Kyushu University

**3. Research Fields and Topics:**

**Field of expertise:** Quantum chemistry

**Research topics:** Experimental studies pioneering the frontiers of molecular science on the basis of physical chemistry. The target materials include atomic/molecular clusters, nano materials, and liquid microdroplets in a vacuum. Computational studies collaborating closely with experiments will also be considered. The successful candidate is supposed to join the “Quantum Chemistry Laboratory” supervised by Professor Akira Terasaki.

**Keywords of the research field:** Atomic and molecular clusters, Nano materials, Liquid droplets, Mass spectrometry, Laser spectroscopy, Ion beams and traps, Computational chemistry

**4. Educational and Other Duties:**

The new assistant professor hired with this position is requested to give lectures on some of the following courses: Introduction to Chemistry, Laboratory Chemistry Experiments for undergraduate students, etc. It must also be noted that all professors including those in assistant professor positions are in charge of a part of the administrative tasks to manage and operate the department.

**5. Qualifications:**

Applicants must have a Ph.D degree (or must be expected to obtain by the end of September 2024).

**6. Date of Appointment:**

Expecting October 1, 2024

**7. Employment Duration:**

Full-time. The term of contract is 5 years.

**8. Required Paper Documents to Post (Provide all either in Japanese or in English):**

- (1) Your resume/CV including contact address (phone number and e-mail address) and photographic portrait
- (2) Lists of your research achievements in the following categories
  - (a) Peer-reviewed journal papers published

- (b) Books and review articles published
  - (c) Other scientific reports and patents
  - (d) Presentations at conferences (classified into domestic and international conferences; invited presentations should be indicated.)
- (3) Copies of up to 3 papers selected from (2)-(a)
  - (4) Descriptions of overviews of the papers selected in (3) (within 200 words for each)
  - (5) Summary of your own research activities and achievements (within 3 pages in A4 or letter size)
  - (6) Summary of your research plans/policies after employment (within 2 pages in A4 or letter size)
  - (7) Summary of your experiences and plans/policies in education (within 2 pages in A4 or letter size)
  - (8) Additional documents appealing your scientific and/or academic activities (e.g., lists of awards and research grants awarded to the candidate)
  - (9) Reference letters from two persons on your scientific and/or academic carriers. Letters of recommendation should be sent directly from each recommender to Professor Akira Terasaki. If the candidate likes to provide just the names of such persons, please inform us of their titles, affiliations, and contact information (e-mail address).

\* Please use A4 or letter size sheets in preparing all these documents if applicable.

\*\* Please save all the documents in PDF format.

### **9. Application Deadline:**

Completed applications must arrive at Kyushu University by June 21, 2024 (Japan Standard Time).

### **10. Evaluation Process:**

Primary screening through application documents will be followed by secondary examination through an interview (including an oral presentation).

### **11. Address for Submitting Application Documents:**

Akira Terasaki, Professor

Department of Chemistry, Faculty of Science, Kyushu University

744 Motoooka, Nishi-ku, Fukuoka 819-0395, Japan

Phone: +81-92-802-4119 E-mail: terasaki@chem.kyushu-univ.jp

### **12. Application Procedures:**

Please submit all the application documents either by (1) or by (2).

- (1) Registered mail to the contact address above: all the printed documents and a storage memory medium (such as USB), containing the electronic documents in PDF format, should be enclosed. "Application to a Faculty Position" should be written in RED on the envelope.
- (2) Web application on JREC-IN Portal site (<https://jrecin.jst.go.jp>): all the electronic documents in PDF format should be compressed into *one* zip file.

\* The documents supplied from each applicant, except for original books, will not be returned to the applicant.

### **13. Additional Notifications:**

- (1) The Physical Chemistry Group currently involves Professors Akira Terasaki and Masahiko Annaka, Associate Professors Takuya Horio, Kazuhiko Ohashi, Yasuyuki Maki, and Kotaro Hiramatsu, and Assistant Professors Ryosuke Oketani and Shintaro Yashima. The new assistant professor hired with this position is supposed to cooperate with Prof. Terasaki both in research and in education. For more information with regard to the department, please visit the website: <http://www.scc.kyushu-u.ac.jp>.
- (2) Salary shall be paid in accordance with the Annual Salary System (issued April 1, 2020). The annual salary is determined by relevant rules of the university and composed from base salary depending on age and experience, performance bonus, and various allowance.
- (3) The new faculty hired by Kyushu University is strongly encouraged to give lectures in English in order to promote the globalization of its educational system.
- (4) Our candidate evaluation policy obeys the Equal Employment Opportunity law.
- (5) We also follow the Basic Act for the Disabled Persons, the Act on Employment Promotion etc. of Persons with Disabilities, and the related Acts.
- (6) If you have had disciplinary action and equivalent measures in the past, please be sure to enter the nature of the disciplinary action and the specific reasons for it in your resume or other documents. False statements may result in cancellation of employment or disciplinary action.
- (7) Measures to prevent passive smoking: No smoking on the campuses
- (8) General Regulation of Employment: [https://www.kyushu-u.ac.jp/ja/university/information/rule/rulebook/pdf/587/2/2004syuki001\\_en.pdf](https://www.kyushu-u.ac.jp/ja/university/information/rule/rulebook/pdf/587/2/2004syuki001_en.pdf)