

Job Information: Assistant Professor as a Tenure-track Faculty Position (Physical chemistry or chemical engineering)

Employer: Yokohama National University (YNU)

Division of Materials Science and Chemical Engineering within the Department of Chemistry and Life Science at the Graduate School of Engineering Science, Yokohama National University (YNU) is now inviting applications for an assistant professor as a tenure-track faculty position in the field of electrochemistry, materials chemistry and chemical engineering, related to hydrogen energy. The following is an overview of the position, required qualifications and application procedure:

1. Job title: Tenure-track Assistant Professor

2. The number of positions: 1

3. Job description: Candidate's area of research must be in the field of electrochemistry, materials chemistry and chemical engineering, related to hydrogen energy. Candidate is expected to promote his/her research in cooperation with staffs involved in research on green hydrogen and chemical energy conversion in Yokohama National University. The post-holder will have responsibility for teaching (lectures, laboratory experiments, practice and graduate study) in Specialization in Chemistry and Life Science in graduate courses and Chemistry, Chemical Engineering and Life Science in the undergraduate courses. Alongside educational and research activities, the post-holder is also expected to take a role in administrative duties.

4. Start date: April 1, 2026 or the earliest possible date thereafter.

5. Address of work location: 79-5, Tokiwadai, Hodogaya-ku, Yokohama, Kanagawa, Japan

6. Term of employment: 5 years. The tenure candidate with significant achievements during this term will be promoted to a tenured associate professor. A tenure review may be conducted early depending on the candidate's research and educational achievements during the term. The university has mandatory retirement, requiring employees to retire at age 65.

*The trial period is six months.

7. Candidates must have a doctoral degree or are expected to have a doctoral degree by the time of their arrival. Candidates should have a working knowledge of Japanese language in order to carry out education and research. Candidates should have enough ability to perform educational and research works in English language, especially to supervise foreign students and to work for international exchange activities such as student exchange program.

8. Compensation: It depends on regulation of the Yokohama National University. Basic salary is determined in accordance with regulations of YNU.

Working hours (Discretionary labor system):

Due to the application of professional discretionary work system, it is considered to have worked 38 hours and 45 minutes per week.

Days off:

Saturdays, Sundays, national holidays, summer holidays (Monday between August 12 and 18) and year-end through New Year holidays (from December 29 to January 3 of the following year).

Salary:

Annual Salary: 6 million yen ~ 7 million yen

The above amount is just an estimate. Annual salary system. It depends on the regulation of Yokohama National University.

Basic salary will be decided taking your academic background, professional background, etc. into account.

Various insurances (Social insurance, Labor insurance):

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employee pension insurance, unemployment insurance and workers' accident compensation insurance.

9. Completed applications must be received by August 29, 2025. They will then be considered for eligibility.

Completed applications should include the following documents:

- (1) Curriculum vitae (see form-1(別紙様式1).*)
- (2) Photocopy of the candidate's doctoral degree certificate (doctoral degree holder only).
- (3) List of education and research achievements (see form-2(別紙様式2):* Degree thesis, lecture experience, refereed journal publications, international conference papers with peer-review, other papers, invited talks, books, etc.) Indicate the h-index and total citation number.
- (4) Up to 5 reprints or copies of representative publications.
- (5) Lists of research grants and funds (received as a principal investigator or a co-investigator), industry-academia joint research activities, international research activities, patents, etc.
- (6) Summary of research achievements (up to 2 pages including figures and tables.)
- (7) Research plan at YNU (up to 2 pages including figures and tables.)
- (8) A short statement of the candidate's educational goals at YNU (up to 1 page.)
- (9) Other information to be noted.
- (10) Contact information and addresses of two references.

*The formats of the form-1 and form-2 can be modified, whereas the contents must be the same as those in the original forms.

10. All the documents (1)–(10) should be sent through “NII FileSender”. Please contact the following contacting person to get a unique URL of the NII FileSender by E-mail before August 22, 2025. Title of E-mail shall be “Application for the faculty position”.

11. Contact

Mailing address: Professor Yoshiyuki Kuroda

Department of Chemistry and Life Science

Graduate School of Engineering Science

Yokohama National University

Tokiwadai 79-5, Hodogaya-ku, Yokohama 240-8501, Japan

E-mail address: ynugr-ykuroda@ynu.ac.jp

12. After the review of the application documents, face-to-face interviews with successful candidates will be held at YNU. Only those candidates who pass the document review and are selected for an interview will be contacted by e-mail regarding the interview. The travel expenses and all other expenses for interviews will not be reimbursed. On-line interviews may be held if the candidate is difficult to be present at YNU. The result of the review will be sent by an e-mail.

13. All documents provided will only be used for application purposes. And they will be disposed safely after the selection is completed in order to ensure the security of personal information.

14. YNU welcomes applications from women and non-Japanese researchers.