

Hiroshima University (HU) herewith announces an international job opening and seeks to appoint either of the following: a Professor with tenure; an Associate Professor with tenure; or an Associate Professor/Assistant Professor on the Tenure Track System, in the research areas of Theoretical Chemistry and Computational Science. This position is based on the “Policy for recruiting/cultivating excellent faculty members”. This policy was introduced in order to create a secure environment in which junior faculty members are able to play an active role in research and education at Hiroshima University.

As for the applicant’s official title at the time of his/her employment at HU, it will be decided after evaluating the applicant’s research and education performance, and it is going to be either of the following: Professor with tenure; an Associate Professor with tenure; or an Associate Professor/Assistant Professor on the Tenure Track System. The post above has been newly created at HU to enable the promotion of the applicant to the senior position of Professor or Associate Professor on the condition that he/she passes the tenure-track review before the tenure-track period expires. Such a system assumes that the recruited person is interested in a long-term position so that he/she can dedicate himself/herself to research and education in accordance with his/her research plan proposal.

Therefore, when processing an application for recruitment, we evaluate not only each applicant’s research/educational achievements, but also the contents and the scope of his/her research plan. Thus, we assess whether or not the applicant’s research plan is mid-to-long term (i.e. about 10 years) in scope, exceeding the tenure-track period. At the time of the review for the tenured promotion, we comprehensively evaluate the applicant’s achievements during his/her term at HU and the future prospects of his/her research.

HU provides startup support money for assistant professors. By assigning a mentor to each newly-recruited faculty member on tenure track, HU continues to develop an environment where such a faculty member can engage himself/herself in research activities independently. In the case that the recruited member does not secure tenure, he/she will be able to extend his/her term of employment for up to one year as a specially appointed faculty member. The special appointment starts on the day following the end date of the existing employment contract for the tenure-track position.

We look forward to welcoming those who are prepared to go along with the principles, long-term vision, and medium-term goals of HU

(<https://www.hiroshima-u.ac.jp/en/about>), and who are motivated and able to play key roles by committing themselves to research and education at HU.

Mitsuo Ochi, President of Hiroshima University

Please refer to the following URL for details about personnel system reform of Hiroshima University.

<https://www.hiroshima-u.ac.jp/en/employment/kyoinkobo>

Date: June 29, 2020

## Faculty Open Position(s)

### 1. Affiliation (Appointment)

Academy of Hiroshima University (Graduate School of Advanced Science and Engineering)

### 2. Position(s) and the number of opening(s)

Full Professor, Associate Professor or Assistant Professor, one (1)

(Depending on the result of the performance reviews of the applicant at the time of employment, he/she may be decided on any of the following titles: Associate Professor with tenure; Associate Professor/Assistant Professor on Tenure Track System)

### 3. Commencing date of employment

April 1, 2021

### 4. Terms of employment

Tenure-track position(s) Period of employment

- 7 years (in case of Associate Professor)
- 5 years (in case of Assistant Professor)

- (1) Tenure-track faculty members will undergo a tenure review at least six (6) months or more in advance of the expiration date of appointment, and those who have successfully passed the review process will be granted tenure along with promotion either to associate professor.
- (2) Granting a candidate for tenure is subject to two reviewing process: an intermediate and final review. If a candidate is not granted tenure in final review, he/she will be dismissed from the university upon completion of the term of appointment.
- (3) If a candidate has taken a leave because of some life events such as delivering a baby, child-raising and caregiving, he/she may extend the term of appointment up to certain period according to the length of such leave.

### 5. Field of specialization

Theoretical Chemistry and Computational Science

### 6. Teaching responsibilities

- (1) Undergraduate level (general education courses): Modern Chemistry etc.
- (2) Undergraduate level (discipline specific courses): Advanced Chemistry, Quantum Chemistry, etc.

- (3) Graduate level (master's programs): Introduction to Physical Chemistry, Quantum Chemistry, Master's Thesis in Chemistry, etc.
- (4) Graduate level (doctoral programs): Doctoral Thesis in Chemistry etc.
- (5) In addition to the courses listed above, he or she may be asked to teach other general education courses and/or discipline specific courses in other department(s) and graduate school(s).

## 7. Qualifications

Applicants must satisfy all of the following requirements:

- (1) Hold a doctorate or an equivalent degree by the time the appointment begins
- (2) Be able to supervise doctoral students in preparation of doctoral dissertations
- (3) Have experience in supervising graduate students in a master's and/or doctoral program(s) in preparation of thesis/dissertation
- (4) Be able to teach classes and supervise students in English
- (5) In accordance with the provisions of Article 8, "Special Provisions of Measures Pertaining to Women Workers," of the Equal Employment Opportunity Law for Men and Women, an open recruitment limited to female researchers is conducted as one measure to actively increase the current low ratio of female faculty members

## 8. Application materials required

- (1) Resume

If you have a history of being employed by Hiroshima University (as a TA, RA, researcher, etc.) in the past five years, be sure to state all positions you have held.

- (2) List of publications and oral presentations (Number each publication/presentation, and underline the numbers of refereed articles. Affix an asterisk (\*) to the numbers of your five major publications or presentations.)
- (3) Five major publications or presentations (Reprints, photocopies, or books)
- (4) Major educational activities and teaching experience (approximately 0,000 words)
- (5) Major social contributions (approximately 0,000 words)
- (6) Major activities in university/institutional management and administration (approximately 0,000 words)
- (7) List of acquired external funding over the last five years
- (8) Statement of intent (Please describe your interests in teaching and research as well as your mid- to long-term research plan in approximately 2,000-3,000 words, should you take this position.)
- (9) Your Researcher ID or ORCID information (in any format)

N.B. The ID above or ORCID information can be confirmed from Clarivate Analytics or ORCID website.

#### 9. Application deadline

All application materials must reach us by 5:00 pm on Friday, July 31, 2020 (Japan time).

#### 10. Please send all application documents to the following address

Prof. Yoshiya Inokuchi, Chairperson, Department of Chemistry, Graduate School of  
Advanced Science and Engineering, Hiroshima University  
1-3-1 Kagamiyama, Higashi-Hiroshima 739-8526, JAPAN

- \* Print in red “Application documents for faculty open position in the Graduate School of Advanced Science and Engineering” on the envelope containing the application documents and send it by registered mail.

#### 11. Selection procedure

- (1) Selection will be made based on all application documents submitted.
- (2) Interviews will be conducted as needed. As a general rule, we will conduct simulated lessons in English. In such cases, please note that travel expenses will be the responsibility of the applicant. Applicants who pass the initial document review will be informed of interview date, time and format.
- (3) Hiroshima University promotes a gender-equal society in accordance with the legislative intent of the Basic Law for a Gender-Equal Society.

#### 12. Employment status

- (1) If you are agreeable to the application of the Discretionary Labor System for Professional Work, you are deemed to work for 7 hours and 45 minutes a day and 38 hours and 45 minutes a week. If not, working hours are from 8:30 to 17:00 (from Monday to Friday) and break time is from 12:00 to 12:45.
- (2) Workdays are from Monday to Friday (excluding public holidays) in principle.
- (3) Holidays are Saturdays, Sundays and public holidays in principle.

#### 13. Salary, etc.

- (1) The annual salary system (the new system enforced in April 2020) will be applied to the successful candidates.
- (2) Successful candidates may be reimbursed for travel expenses incurred for the trip from their home or former place of work to the new place of work to assume their post in accordance with the relevant regulations of Hiroshima University. For more information, please contact us.

#### 14. Evaluation

We conduct individual performance evaluations for all Hiroshima University faculty

members after their employment, numerically rate their performance, and salary and benefits are commensurate with performance indicators.

#### 15. Employer

Hiroshima University

#### 16. Miscellaneous

- (1) Probationary employment period: six (6) months
- (2) Personal information obtained from application documents will not be used or provided to any third party for purposes other than the necessary procedures related to personnel affairs, salary, and welfare. Application documents of applicants whom we have decided not to employ will be returned to those applicants in an appropriate manner, after the completion of relevant selection processes.
- (3) All the faculty members of Hiroshima University belong to the "Academy", which is the single university-wide faculty organization, and each faculty as a member of the Academy of the University is appointed to educational and/or research organizations such as an individual undergraduate school, graduate school, research center and institute.
- (4) For each specialized field of faculty, Hiroshima University has defined Minimum standards for hiring new faculty ("the minimum standards"). We use the minimum standards for the initial screening process of the applicants, and only those who have cleared the minimum standards will qualify as the candidates for the post concerned. The minimum standards used for this international job offer can be viewed by clicking the following URL link.  
<https://www.hiroshima-u.ac.jp/en/employment/kyoinkobo/>
- (5) HU provides other employment information (research job, desk job and etc.). If your spouse wishes to work for HU, please refer to the following URL link.  
employment information: <https://www.hiroshima-u.ac.jp/en/employment/>

#### 17. Contact

Prof. Yoshiya Inokuchi, Chairperson

Department of Chemistry, Graduate School of Advanced Science and Engineering,  
Hiroshima University

Tel: 082-424-7407

Fax: 082-424-7407

E-mail: [y-inokuchi@hiroshima-u.ac.jp](mailto:y-inokuchi@hiroshima-u.ac.jp)