

## **Recruitment for the Post of Associate Professor at Institute for Materials Chemistry and Engineering, Kyushu University**

Institute for Materials Chemistry and Engineering, Kyushu University (“IMCE”) is recruiting an associate professor position by the following procedure. We would appreciate your understanding regarding the notification of this information to the faculty members in your university or institute and your recommendation of the suitable candidate.

### **1. Job Title:**

Associate Professor (one (1) person)

### **2. Affiliation**

Independent Associate Professor, Division of Applied Molecular Chemistry, Institute for Materials Chemistry and Engineering, Kyushu University.

The overview of the institute and details of this recruitment will be announced in homepage of Institute for Materials Chemistry and Engineering (IMCE), Kyushu University: <http://www.cm.kyushu-u.ac.jp>

### **3. Research Field**

The candidate should have research achievements in the field of theoretical computational chemistry, and should have high motivation to design new synthetic organic reactions and elucidate the reaction mechanisms based on the development of new calculation methods and computational chemistry. In particular, the candidate should be able to work on “the development of synthesis, decomposition, and modification chemistry using monosaccharides and oligosaccharides derived from bioresources as the units”, which is one of the major issues of the Carbon Circulation Chemical Cluster,\* which will be newly established at this institute with his/her own ideas and enthusiasm. In addition, the candidate can engage in research(es) other than the above-mentioned project.

\* Institute for Materials Chemistry and Engineering is composed of five divisions (Division of Fundamental Organic Chemistry, Division of Applied Molecular Chemistry, Division of Integrated Materials, Division of Advanced Device Materials, and Division of Soft Materials). The Carbon Circulation Chemical Cluster will be established during the academic year of the first of Reiwa. The Carbon Circulation Chemical Cluster will develop researches that contribute to the realization of a sustainable industry and society that circulates carbon that can be stored, used, and recycled, rather than emitting it as carbon dioxide. The synthesis of recyclable and reusable functional

polymers from monosaccharides and oligosaccharides is one of the core issues. The successful candidate will pursue these core research issues and their relevant topics through active collaboration with Prof. Dr. Yoichiro Kuninobu, et al.

#### **4. Education Field**

The successful candidate will jointly supervise graduate students with Prof. Dr. Yoichiro Kuninobu as a faculty member in Department of Molecular and Material Sciences, Interdisciplinary Graduate School of Engineering Sciences, Kyushu University (See <http://www.mm.kyushu-u.ac.jp/english/index.html>). The successful candidate will also give some lectures. At Kyushu University, all the faculty members will, in principle, conduct classes in English.

#### **5. Qualifications**

Ph.D. degree in the relevant discipline.

#### **6. Term of Office**

Term of Office: five (5) years.

Tenure track reviews will be conducted approximately four (4) years from the date of its employment. As a result of the examination, upon expiration of the five-year employment period, one of the following options will be decided: (1) promotion and recruitment as a professor (succession); (2) recruitment as an associate professor (succession); or (3) no recruitment as a successor. Regarding to (1) and (2), the law on the term of the faculty members of the university and the term system according to the rules of the university (term of 5 years, reappointment possible) are applied.

In the case of (2), reexamination will be conducted about 2.5 years after recruitment as an associate professor, and if it is judged that the promotion to professor is appropriate, the auditee will be promoted to professor after 3 years.

#### **7. Commencement of Employment**

As early as possible after the hiring decision after September 1, 2020

#### **8. Required Applicant Documents:**

The documents should be prepared on sheets of A4 paper (paper medium and PDF\*).

(1) Curriculum vitae (including photo and e-mail address).

(2) Performance report: All publications should be divided into (a) journal papers (the presence or absence of peer review should be distinguished), (b) review papers, books, bulletins, (c) proceedings, (d) patents (the application or obtainment should be specified), and (e) others, and listed in reverse chronological order, respectively. All authors (with the same order as that in the publication) should be shown for each publication, and the candidate should be underlined. The main papers should be marked with “○”.

(3) Reprints of the main papers within five (5). The copy can be accepted.

(4) Research achievement (within two (2) A4 pages including graphics), and future vision of your research and education (within two (2) A4 pages including graphics).

(5) External funds (Grants-in-Aid for Scientific Research, research grants, research scholarships, etc) if the candidate has.

(6) Special reports (prizes and awards, invited lectures, and matters which can appeal the research achievements) if the candidate has.

(7) Names of two (2) references and their contact addresses (including their official titles, phone numbers, and E-mail addresses).

\* Combine the above documents (1) to (7) into one PDF file, save the file name as “Division of Applied Molecular Chemistry\_Applicant Name” on USB memory or CD (Compact Disk), and send it by enclosing in the envelope of the application documents.

## **9. Application Deadline**

May 29, 2020 (Japan time)

## **10. Address for Posting :**

Institute for Materials Chemistry and Engineering (IMCE), Kyushu University

Prof. Dr. Jun-ichiro Hayashi: Director

6-1, Kasuga-koen, Kasuga, Fukuoka 816-8580, Japan

Please note “Applications for Associate Professor, Division of Applied Molecular Chemistry” with a red pen on the envelope.

## **11. Contact**

Institute for Materials Chemistry and Engineering, Kyushu University: Prof. Dr. Jun-ichiro Hayashi,

Tel: 092-583-7796

E-mail: junichiro\_hayashi@cm.kyushu-u.ac.jp

## **12. Other instructions:**

(1) If you will become a candidate for a hearing, you may be asked for recommendation letters by full-time researchers, etc, institutions in Japan and overseas.

(2) Any applied documents will not be returned.

(3) Kyushu University carries out the selection of its teachers based on the “Basic Act for Gender Equal Society” (Act No.78 of 1999), “Act on Employment Promotion etc. of Persons with Disabilities” (Act No. 123 of 1960), and “Act on the Elimination of Discrimination against Persons with Disabilities” (Act No. 65 of 2013 ).

Please refer to <http://danjyo.kyushu-u.ac.jp/> for the activity of the Kyushu University gender equality promotion office.

(4) Salary: Annual salary system