

## **Tenure track Position at the College of Engineering, Division of Applied Chemistry and Biochemical Engineering, Shizuoka University, Japan**

College of Engineering, Division of Applied Chemistry and Biochemical Engineering (Applied Chemistry and Biochemical Engineering Course, Department of Engineering, Graduate School of Integrated Science and Technology, and Department of Applied Chemistry and Biochemical Engineering, Faculty of Engineering) is inviting applications for five-year tenure track assistant professor position. Aiming at development of innovative interdisciplinary fields between applied chemistry and informatics, the Division of Applied Chemistry and Biochemical Engineering, College of Engineering, is seeking a tenure track assistant professor in the area of chemoinformatics (in a broad sense) based on theoretical chemistry.

Tenure track system at Shizuoka University aims to provide promising young researchers with opportunities to promote their scientific careers, and to nurture their talents and skills in research, leadership, management, and education. Holders of tenure track positions are expected to primarily undertake scientific research in their respective fields. However, since eventually they will also undertake teaching responsibilities, tenure track program includes duties to give lectures and guides on researches to graduate and undergraduate students. Holders of tenure track positions will be promoted, upon successful completion of tenure track program, to tenured positions. Extremely competent individuals may be promoted to tenured positions even earlier.

Shizuoka University is committed to equal employment opportunities regardless of nationality, race, gender, or religion.

### **1. Job Description**

(1) Title and the number of positions:

Tenure track assistant professor, 1 position

(2) Affiliation:

College of Engineering, Division of Applied Chemistry and Biochemical Engineering

(Department of Applied Chemistry and Biochemical Engineering, Faculty of Engineering, and Applied Chemistry and Biochemical Engineering Course, Department of Engineering, Graduate School of Integrated Science and Technology)

(3) Field:

Chemoinformatics (in a broad sense) based on applied chemistry and theoretical chemistry.

The successful candidate is expected to collaborate with a faculty member in the field of condensed-phase theoretical chemistry in the area of Environmental Applied Chemistry of the department, and to actively conduct researches (including development of new fields directed toward creation of new materials and/or properties) and education.

### **2. Conditions of employment**

(1) Duration

Five years from the start of employment.

In cases of unavoidable situations (such as maternity leave), it is possible to extend the duration to up to ten years in total (i.e., by up to five years).

(2) Assessment and evaluation during the employment

Performance of the tenure track position holder will be assessed and evaluated on a regular basis.

On the basis of the original research plan and the progress reports on the research submitted by the position holder, and of the results of interviews, etc., assessment and

evaluation will be conducted on the position holder's research achievements, acquisition of competitive research funding, and capabilities in leadership and management and in giving lectures and guides on researches to graduate and undergraduate students. The assessment and evaluation will be scheduled as follows:

- 1) Yearly assessment on the progress of research will be conducted at the end of first, second, and fourth years.
- 2) Interim assessment and evaluation will be conducted in the month following two and a half years after the start of employment.
- 3) Final assessment and evaluation will be conducted before passing four and a half years after the start of employment.

Successful tenure track position holder will be promoted to lecturer or associate professor and acquire tenure until the retirement age (currently 65 years old).

(3) Remuneration: Annual salary system.

- 1) Allowances, including those for dependents, administrative, housing, commutation, extra work, overtime and late-night work will be provided in accordance with the Shizuoka University guidelines.
- 2) Relocation expenses will be covered in accordance with the Shizuoka University guidelines.

(4) Research Support

During the first year, a start-up fund of 3 million 5 hundred thousand yen will be provided. During the second year, research fund of 1 million 4 hundred thousand yen will be provided. During the third, fourth and fifth years, research fund of 7 hundred thousand yen per annum will be provided.

- 1) 70% or more of the efforts during the period of employment will be focused on research.
- 2) The successful candidate shall conduct his/her research under the guidance of mentor/research advisor.
- 3) The amount of the research fund may possibly be changed according to the situation of the budget in the future.

(5) Primary Responsibility

In addition to the research related to the above field, it is required to take charge of some classes, such as specialized subjects (Exercises for Environmental Applied Chemistry, Experiments for Environmental Applied Chemistry), in the graduate and undergraduate courses, and to give assistance in supervising the researches of graduate and undergraduate students.

(6) Place of work

Hamamatsu Campus of Shizuoka University (Hamamatsu City, Shizuoka Prefecture, Japan)

### **3. Qualifications**

- (1) Applicants must possess a doctoral degree obtained within ten years as of October 1, 2020, or have promise to obtain it by the start of employment.
- (2) Applicants are required to be conducting outstanding research in the relevant field.
- (3) Applicants are required to be able to take charge of classes of exercises and experiments in the graduate and undergraduate courses, and to be active in research and education. With regard to the education in the undergraduate course, sufficient communication skill in Japanese language is required.

#### **4. Starting date**

The successful candidate is expected to start on October 1, 2020, or on the earliest possible date after this day.

#### **5. Documents that should be submitted**

- (1) Curriculum vitae (including photograph, e-mail address)
- (2) List of research achievements that are classified into:
  - Original papers published in peer-reviewed journals  
[The 5-Year Impact factor of 2018 quoted from “Journal Citation Reports” and the quartile score (Q1-Q4) of the journal, and the number of citations (excluding self-citations if possible) of each paper should be indicated.]
  - Review articles
  - Books and monographs
  - Publications in peer-reviewed proceedings of international conferences
  - Presentations in international conferences [limited to those given by the applicant himself/herself (i.e., excluding those given by the co-authors). Invited lectures, etc., should be indicated as such.]
  - Patents
  - Others
- (3) List of research grants awarded and research funds [the role (principal investigator or co-investigator) of the applicant in each grant should be indicated] and awards from academic societies
- (4) Summary of the past and present activities in research and education (two A4 size pages)
- (5) Plan of research for five years’ period (two A4 size pages)
- (6) Ambition for education in Shizuoka University [including the ambition for taking charge of Exercises for Environmental Applied Chemistry and Experiments for Environmental Applied Chemistry] (one A4 size page)
- (7) Reprints or copies of up to five most important scientific publications.
- (8) Up to two letters of recommendation, or the list of two persons from whom opinions on the applicant may be obtained

[Form 1](#) should be used for (1), (2), and (3), be filled out in Japanese or English, and be printed one-side on A4 size paper.

Documents (4), (5), and (6) should be prepared within the page limit in Japanese or English, and be printed one-side on A4 size paper.

The electronic files of (1) to (7) must be saved to an electronic media (CD/DVD/USB) and submitted.

#### **6. Deadline**

Applications must reach the office by April 10, 2020, Japan local time.

The documents must be sent by registered mail to the mail address indicated below. The envelope should be marked as “Application forms for tenure track assistant professor” with a red pen. Submissions by e-mail are not acceptable. The submitted documents and electronic media will not be returned to the applicants. The personal information contained in the submitted documents will be used only for selecting the candidates.

#### **7. Selection Procedure**

- (1) Document Review

- (2) Interviews on the past and present research activities, research plans, and ambition for education. Only those who have passed the document review will be notified for interviews. Travel expenses will not be disbursed.
- (3) If several applicants are judged as having equivalent abilities, then female or foreign applicants, or applicants with disabilities will get an advantage.
- (4) If there was interruption period of research activities due to maternity leave or childcare leave, it will be taken into account upon request in the selection procedure.

#### **8. Contacts and mail address for the application**

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