

March 16<sup>th</sup>, 2020

To: Presidents of Applicable National, Public and Private Universities  
Directors of Applicable Japanese Research Institutions  
Directors of Applicable Overseas Research Institutions

From: Tatsuaki Kobayashi, Dean, Graduate School of Horticulture, Chiba University

### Announcement of Job Opening

#### 1. Job Opening

- (1) Position Graduate School of Horticulture, Division of Environmental Horticulture,  
Course of Horticultural Science  
Horticultural Science course starts in April 2020  
Assistant Professor: 1 person  
(Five-year term under the tenure-track system: the teaching-staff position will run for a term, and the salary will be based on the regulations outlined in the Chiba University Tenure-Track System. A mid-term review will be held in the 3rd year of employment, and a final review relating to a grant of tenure in the 5th year. Employees who pass the assessment may transition to employment as tenured staff.)
- (2) Education and Research Area Environmental Science for the Bioproduction Program
- (3) Main Courses to be Taught
- |                                 |  |
|---------------------------------|--|
| Graduate School of Horticulture |  |
| Master's Program                | Advanced Lecture on Agricultural Meteorology and Environmental Studies (Omnibus),<br>Graduate Research I, Graduate Seminar I   |
| Faculty of Horticulture         | Environmental Science for Bioproduction Lab (Omnibus),<br>Introduction to Environmental Science for Bioproduction (Omnibus), Horticulture Seminar (Omnibus),<br>Practical study on Environmental Bioproduction (Omnibus),<br>Seminar and Research on Major |
| General Education               | Mathematical and Data Science (Omnibus)  |

#### 2. Requirements and Job Specifications

Applicants must meet the requirements stipulated below:

- (1) Be young scholars who have or are expected to obtain doctoral degrees.
- (2) Be available to begin on October 1<sup>st</sup>, 2020
- (3) Job Description

The Environmental Science for Bioproduction Program focuses on the systematic theory of the physical, biological, and chemical environments related to the production of organisms, and engages in education and research on the weather, soil, facilities/fields that are the foundation of production

environments, and the behavior and circulation of materials produced and used therein, the physiology, pathology, and methods of use of cultivated plants, and the insects and microorganisms that reside there.

We are looking for someone with knowledge on collecting a wide range of information on crops using AI, IoT, and big data platforms, which are currently most likely to be developed in the horticultural industry; and on conducting research studies on data visualization obtained by phenotyping and utilization and application of technology, and who values the importance of education.

Specifically, the successful candidate should have the ability to manage tasks for management and administration at a research site related to a precision agricultural project aimed at improving the taste of crops in collaboration with on-campus and off-campus institutions. Upon the completion of the project, we would like the candidate to be engaged in global education that will see the Graduate School of Horticulture become a global education center of the horticulture industry, manage projects implemented by the Graduate School of Horticulture as a leader, and share their research achievements with the world.

The successful candidate will teach most classes in Japanese, and some in English. Their active involvement in management and administrative tasks within the university will also be required. We welcome applications from female candidates and interested persons worldwide.

As of April 1st, 2020, the academic staff for the Environmental Science for Bioproduction Program consisted of seven professors, four associate professors, one lecturer, and one assistant professor.

### 3. Documents to be Submitted for Application

(Application documents will in principle not be returned.)

Please submit documents (1)-(7), printed on A4-sized paper, as well as a compact disk (CD) containing the content of documents (1)-(7) recorded as separate PDF files.

- (1) A curriculum Vitae (2 copies)
- (2) A list of published papers and other research achievements (2 copies)
- (3) Reprints of published papers/books (Maximum of ten major publications per applicant)
- (4) A record of experience/achievements in education (2 copies)
- (5) An overview of applicant's experience and achievements in research and education to date and aspirations for the future (approximately 2,000 words) (2 copies)
- (6) Other details that are worthy of special mention (please mention such aspects as Grants-in-Aid for Scientific Research or other funds awarded by external organizations)
- (7) The names and contact information of two references who know the applicant well.

### 4. Application Deadline

Documents must be received no later than 15<sup>th</sup> May 2020

### 5. Send Documents and Inquiries to:

Prof. Takeo Shiina, Director

Department of Horticulture, Faculty of Horticulture, Chiba University

648 Matsudo, Matsudo-shi, Chiba 271-8510, Japan

E-mail: [shiina@faculty.chiba-u.jp](mailto:shiina@faculty.chiba-u.jp)

(Note: Application documents should be sent by registered mail, but documents sent by EMS or courier services will also be accepted. On the front of the envelope, please state, in red, “Contains Application Documents for Department of Horticulture.”)

For information on the Graduate School of Horticulture and the Environmental Science for Bioproduction Program, please visit <http://www.h.chiba-u.jp/english/index.html>.

## 6. Guidelines for Preparing Application Documents

### (1) Curriculum Vitae

Please include your academic background, starting from high school graduation. Please indicate overseas education and research only if it involved residence abroad for at least six months.

### (2) List of published papers and other research achievements

#### 1) Original papers

a) Papers published in academic or scholarly journals that have a peer-review system

b) Papers published in academic reports of universities, proceedings of international conferences, or other literature.

2) Books and translations: Distinguish between independently authored and jointly authored works. For jointly authored works, state your contribution.

#### 3) Reports

4) General articles, documents, book reviews

5) Articles written to disseminate information or for practical purposes

6) Other presentations made at academic conferences, research conferences, lectures, symposiums, or seminars during the past five years. Limit the presentations mentioned to 10 main ones, and at the end of this section enter the appropriate number in the “Plus □□ more” area.)

7) Plans written to disseminate information or for practical purposes

8) Patents

9) Qualifications, skills

### (3) Records of experience/achievements in education

Please list any courses, experiment supervision, or other activities you have been in charge of to date at undergraduate school, graduate school, or elsewhere (include experiment supervision from your post-doctoral period).

### (4) Items deserving special mention

(There is no prescribed form for this. Please list these items individually on A4-sized paper.)

Please download official formats for Curriculum Vitae, List of Published Papers and Other Research Achievements, and Record of Experience/Achievements in Education documents from the official Chiba University website. (<http://www.h.chiba-u.jp/english/index.html>)

## 7. Work Type

Fixed-term full-time staff

## 8. Salary

Remuneration will be an annual salary determined in accordance with the university's remuneration regulations (\*1). In addition, an annual salary system (\*2) will be applied after tenure has been secured.

\*1 Chiba University Staff Remuneration Regulations

\*2 Chiba University Remuneration Regulations for Staff on Annual Salary System

<http://www.chiba-u.ac.jp/general/disclosure/announce/index.html>

In the first year, budget measures will be taken for startup expenses.

## 9. Other

(1) You may be asked to attend an interview or conduct a seminar at the university.

(2) You may be asked to submit additional material regarding your research achievements.