

May 21, 2021

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

From: Dean, Graduate School of Horticulture, Chiba University

### Announcement of Job Opening

#### 1. Job Opening

- (1) Position Graduate School of Horticulture, Advanced Horticultural Engineering Division  
(The name is subjected to change)  
Professor or Associate Professor: 1 person

#### (2) Main courses to be taught

• Graduate School of Horticulture

Doctorate Program (course on horticultural science, horticulture plant production, and breeding program)

Graduate Research II, Graduate Seminar II

Master's Program (course on horticultural science, horticulture plant production, and breeding program)

Graduate Research I, Graduate Seminar I,

Advanced lecture on crop sciences

Faculty of Horticulture (Department of Horticulture)

Food crops science, Introduction to crop science,

Introduction to horticultural plant production and breeding (Omnibus),

Seminar on horticultural plant production and breeding,

Introductory seminar on horticulture (Omnibus),

Practical course on horticultural plant and breeding (Omnibus),

Practical training in crop management I (Omnibus), seminar and research in major

#### 2. Requirements and job specifications

Applicants must satisfy all the following requirements:

- (1) Young scholars who have or are pursuing doctoral degree.
- (2) Start date: As early as possible after January 1, 2022
- (3) Courses and areas of specialization and research

The Graduate School of Horticulture proposes to establish five new courses with research divisions on April 1, 2021. The Advanced Horticultural Engineering Division, which is accepting applications presently, will utilize data mining and advanced cultivation technologies to efficiently manage information from genes to individuals and populations and will conduct research that promotes the development of a smart society through a broad and deep understanding of plants and their growing environments.

The Horticulture Plant Production and Breeding Program, which is an educational program, conducts advanced genetic engineering research related to the improvement of various horticultural crops, as well as research on innovative cultivation technologies that contributes to the agriculture and horticulture industries. The Horticulture Plant Production and Breeding

Program conducts research aimed at solving various problems faced by humans, such as food, resources, and environmental problems and fosters professionals and researchers with a proficient understanding of these challenges.

#### (4) Required Personnel

Currently, the Graduate School of Horticulture is establishing a foundation for the implementation of advanced horticultural technology. One of the goals is to conduct advanced research in the field of horticulture, the largest growing field in agriculture in Japan, including the production of high-value-added plants and the development of production systems that maximize potential. The recruited personnel will conduct research on the analysis of production systems from the cellular level to the large-scale agriculture and horticulture through automated collection of phenotypes using various sensors and big data analysis of datasets for genotype, phenotype, and environment. We require an expert who can teach crop cultivation and crop physiology in the Horticulture Plant Production and Breeding Program and who can teach and supervise graduate and undergraduate students with enthusiasm and integrity.

In addition, the selected candidate is expected to teach specialized and shared-entry beginner-level subjects related to the horticulture course at the Graduate School of Horticulture within the Department of Horticulture. The classes will be mostly conducted in Japanese, with a few courses in English. The selected candidate is also expected to actively participate in other administrative activities of the university. Women and non-Japanese citizens are welcome to apply.

#### 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 CD containing the contents of documents (1)–(7) as separate PDF files.

- (1) Curriculum vitae (2 copies)
- (2) List of published papers and other research achievements (2 copies)
- (3) Reprints of published papers/books (maximum of 10 major publications per applicant)
- (4) Record of experience/achievements in education (2 copies)
- (5) Other points deserving special mention (please mention such points as grants-in-aid for scientific research or other funds awarded by external organizations)
- (6) Overview of applicant's experience and achievements in research and education to date and aspirations for the future (approximately 2,000 words; 2 copies)
- (7) Names and contact details of two referees who know the applicant well.

#### 4. Application deadline

Documents must arrive no later than September 30, 2021

#### 5. Send documents and enquiries to:

Prof. Ikuo Nakamura, Director

Course of Horticultural Science, Horticulture Plant Production and Breeding Program, Faculty of Horticulture, Chiba University

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

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

(Note: Applications should be preferably sent by registered mail; documents sent by EMS or courier services will also be accepted. On the front of the envelope, please write, in red, "Application Documents for Horticulture Plant

Production and Breeding Program.")

For more information on the Graduate School of Horticulture and Horticulture Plant Production and Breeding Program, please visit <https://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 include overseas education and research only if it involved a stay of at least 6 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 the part of your contribution.

#### 3) Reports

4) General articles, documents, book reviews

5) Articles written to disseminate information or for practical purposes

6) Other presentations at academic conferences, research conferences, lectures, symposiums, or seminars during the past 5 years. Limit the presentations to 10 main ones, and at the end of this section, enter the appropriate number in the "Plus □□ more" area.)

7) Proposals written to disseminate information or for practical purposes

8) Patents

9) Qualifications, skills

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

Please list any courses, experiment supervision, or other activities you have supervised 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 purpose. Please list items individually on A4-sized paper.)

Please download official formats for the Curriculum vitae, list of published papers and other research achievements, and record of experience/achievements in education from the official website of Chiba University (<https://www.h.chiba-u.jp/english/employment.html>).

## 7. Work type

Full-time staff

## 8. Salary

Salary will be determined based on the salary regulations of the school(\*1).

In addition, salary is determined on an annual basis in accordance with Chiba University's New Annual Salary Personnel Wage Regulations (\*2).

\*1 Chiba University Staff Remuneration Regulations

\*2 Chiba University Remuneration Regulations for Staff on Annual Salary System (<https://www.chiba-u.ac.jp/general/disclosure/announce/index.html>)

In the first year of the program, an start-up budget will be provided. In the case of female faculty members, the budget will be increased by the "Project to Support the Recruitment of Female Faculty Members in Science (Chiba University)."

9. Other

- (1) You may be invited to the university for an interview or to conduct a seminar. Travel expenses will not be covered by the university.
- (2) You may be asked to submit additional materials regarding your professional achievements.