

May 23, 2024

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, Division of Advanced Horticultural Engineering
Professor: 1 person
- (2) Start date: October 1, 2024 or later
- (3) Main Courses to be Taught
 - Graduate School of Horticulture
(Course of Horticultural Science, Horticultural Plant Production and Breeding Program)
 - [Doctoral Program]
Graduate Research II, Graduate Seminar II, and other omnibus subjects
 - [Master's Program]
Graduate Research I, Graduate Seminar I, Specialized courses, and other omnibus subjects
 - Faculty of Horticulture (Department of Horticulture)
Seminar and Research in Major, Introduction to Horticultural Plant Production and Breeding (Omnibus), Introductory Seminar on Horticulture (Omnibus), Practical Training in Crop Management, Advanced Field Practice, and other specialized subjects related to Plant Production
 - General Education (Omnibus)

2. Requirements and Job Specifications

Applicants must satisfy all the following requirements:

- (1) Persons who have or are expected to obtain doctoral degrees by the time of appointment.
- (2) Education and research areas, academic units, and faculty composition relevant to the recruitment Division of Advanced Horticultural Engineering, for which we are currently recruiting faculty members, conducts research to contribute to realizing a smart society. Utilizing techniques such as data mining and advanced cultivation technologies, we comprehensively handle information from genes to individuals and populations, thereby deeply understanding plants and their growing environments.

The appointed professor will oversee Horticultural Plant Production and Breeding Program.

In undergraduate education, we nurture individuals to solve various challenges humanity faces, including

food security, resource management, and environmental sustainability.

In graduate education, we cultivate highly skilled technicians and researchers who contribute to advancing agriculture and horticulture industries through advanced genetic engineering research related to the breeding of horticultural crops and cutting-edge cultivation techniques.

(3) Human resources sought

There is a growing need for pioneering education and research in developing and utilizing new cultivation techniques, as well as their application, with a focus on systematic cultivation methods for various horticultural plants, health functional crops, and exploration and utilization of genetic resources. These efforts are underpinned by the analysis of their physiological and ecological characteristics. Particularly crucial is the integration of advanced technologies such as phenomics and omics analysis, which are highly effective research methods, to propel the development of education and research in agriculture and horticulture from the genetic level to agricultural production.

Applicants sought for the Professor should possess the following qualities:

In terms of education: Demonstrated capability to provide advanced education in horticultural plant physiology and cultivation, with an ability to conduct education in English and a keen interest in global education, aiming to establish the Graduate School of Horticulture as an education hub for the horticultural industry.

In terms of research: Ability to drive advanced research, such as phenomics and omics studies, to further elucidate the physiological phenomena of horticultural plants and contribute to developing new cultivation techniques. Candidates should be able to actively engage in global collaborative research with universities and research institutions domestically and internationally. Additionally, they should proactively collaborate with industries and sectors related to horticultural production, advance impactful research, and possess strong communication skills to enhance student and prospective interest in horticultural science.

The main classes will be in Japanese, but some courses will be in English. Moreover, the successful candidate will be expected to be actively involved in other university administrative activities. Female and non-Japanese applicants are welcome to apply.

3. Documents to be Submitted for Application

- (1) Curriculum Vitae
- (2) Reprints of published papers/books (Maximum of 10 major publications per applicant)
- (3) Overview of applicant's experience and achievements in research and education to date and aspirations for the future (approximately 2,000 words)
- (4) The names and contact information of two references who know the applicant well.

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/employment.html>)

4. Application

Please submit your application by (i) Email or (ii) through JREC-IN Portal.

(i) Email

Please convert all application materials to PDF files, compress them into a single zipped file, attach the file, and send it by email to the following address with “先端園芸工学講座（教授）応募” in the subject line. If the file size exceeds 20 MB, please separate the files and send them in several emails. And send your documents to our administration office.

Send to: General Affairs Unit, Graduate School of Horticulture

Email: zaf8703@office.chiba-u.jp

(ii) through JREC-IN Portal.

Please convert all application materials to PDF files, compress them into a single zip file, and submit them through the JREC-IN Portal (<https://jrecin.jst.go.jp/seek/SeekTop>).

Deadline : Documents must arrive no later than August 2, 2024.

5. Guidelines for Preparing Application Documents

(1) Curriculum Vitae

Please include your academic background, starting from high school graduation. Please enter overseas education and research only if it involved a stay abroad of at least 6 months.

(2) List of published papers and other research achievements

1) Original papers: Please write a) and b) separately.

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 you were in charge of.

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 mentioned to 10 main ones, and at the end of this section, enter the appropriate number in the “Plus □□ more” area.)

7) Planning and design: Please list separately those published in journals and other publications.

8) Patents

9) Qualifications, skills

(3) Educational achievements: Please list any classes, seminars, research guidance, etc.

(undergraduate, graduate school, other) that you have taught (including research guidance during postdoctoral work).

(4) Statement of achievements in social contribution, international, university administration, etc.

(5) Status of external funding such as Grant-in-Aid for Scientific Research(KAKENHI): Please list in order of Grant-in-Aid for Scientific Research(KAKENHI) and other external funding. (There is no

prescribed form for this. Please list items individually on A4-sized paper.)

6. Work Type

Full-time staff

7. Salary

Remuneration will be an annual salary determined in accordance with the university's remuneration regulations (*1).

*1 Chiba University Remuneration Regulations for Staff on New Annual Salary System

<https://www.chiba-u.ac.jp/general/JoureiV5HTMLContents/act/frame/frame110001356.htm>

8. Inquiries about application to:

Prof. Akimasa NAKANO, Director

Course of Horticultural Science, Horticultural Plant Production and Breeding Program

Graduate School of Horticulture, Chiba University

TEL: +81-47-308-8935

E-mail: anakano@chiba-u.jp

9. Other

(1) You may be asked to come to the university to be interviewed or conduct a seminar.

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