

令和 7 年 1 月 29 日

教員の公募について（依頼）

1. 募集職名・人員：助教（テニュアトラック）・1 名（付記 1 参照）
2. 所属：（雇入れ直後）北海道大学 大学院農学研究院 基盤研究部門 応用生命科学分野（植物育種学研究室）（付記 2 参照）
（変更の範囲）大学の定める場所
3. 職務内容：（雇入れ直後）大学院農学研究院、大学院農学院及び農学部に係る教育研究業務
（変更の範囲）大学の定める業務
4. 担当科目：大学院農学院および農学部における専門分野に関する講義、実験、演習、実習科目および全学教育科目など（付記 3 参照）
5. 応募資格
 - 1) 博士の学位を有するか、採用予定日までに取得見込みであること。
 - 2) 植物の品種改良を目的とした分野で、特に高緯度の冷涼で日長の変化が大きい環境に適応する作物に関して、その遺伝育種学的な研究業績を有すること。また、当該研究室に所属する大学院生、学部学生の研究指導を日本語および英語で行う能力を有すること。（付記 2 参照）
 - 3) 当該研究室で担当する科目に関連した教育指導を日本語および英語で行う能力を有すること。（付記 3、4 参照）
 - 4) 採用予定日に着任できること。
6. 応募書類（各 2 部、ただし 4）は PDF ファイルを 1 部）
 - 1) 履歴書（所定の様式）※
 - 2) 研究業績目録（所定の様式）※
 - 3) 研究業績内容の分類とその要約（自らの研究業績を踏まえ、業績番号を引用する形式で作成して下さい。日本語で 1,000 字程度または英語で 800 語程度）
 - 4) 学術論文（研究業績目録(1)のうち審査制度のある学術論文）すべての別刷
（「2）研究業績目録」に対応した名称の PDF ファイルを、USB メモリ等の電子媒体に収録して提出）
- 5) これまでの教育指導経験（英語での教育指導経験を含む）と着任後の教育に対する抱負（日本語で 1,000 字程度または英語で 800 語程度）
- 6) 着任後の研究の内容とそれに対する抱負（日本語で 1,500 字程度または英語で 1,200 語程度）
- 7) 応募者についての照会が可能な方 2 名の連絡先（氏名、所属、電話、E-mail アドレス）

※履歴書および研究業績目録の様式については、本研究院 HP より取得してください。
（本研究院 HP）<https://www.agr.hokudai.ac.jp/i/subscription>

(URL : <https://www.dei.hokudai.ac.jp/>)

付 記

1. 助教の任期は5年とし、審査により再任可能です。再任の任期は5年とし、1回を限度とします。なお、任期満了までにテニユア審査を経て、任期の定めのない助教となる可能性があります。テニユア審査は再任後にも受けることができます。
2. 本公募は、北海道大学 大学院農学研究院 基盤研究部門 応用生命科学分野に所属する6研究室の中の植物育種学研究室の助教を対象にしています。植物育種学研究室では、作物（主に水稻）を用いて、高緯度地域や寒冷地への適応機構、種間雑種の生殖隔離機構とその打破、効率的な交雑育種を推進する遺伝的改良、倍数体の育種利用、また、数理解析法を用いた植物の発生モデルの構築、などの研究を行なっています。本公募では、わが国の農業生産の拠点である北海道という特色を活かした作物の育種に精通し、関連した研究を国際的に推進できる能力と経験を有するとともに、研究に参画する学部学生・大学院生の教育・指導を行うことができる方を求めます。
3. 植物育種学研究室では、下記の科目を担当しており、本公募の助教にはこれらの科目の一部を単独でまたは分担して担当していただく予定です。
 - ① 大学院農学院における科目
農学研究Ⅰ・Ⅱ、農学演習Ⅰ・Ⅱ、農業植物科学特論、農業植物科学特論演習、農業生物学特論、農業生物学特論演習など
 - ② 農学部における科目
基礎遺伝学、植物育種学Ⅰ・Ⅱ、応用生命科学概論、応用生命科学演習Ⅰ・Ⅱ・Ⅲ・Ⅳ、生物学実験、卒業論文など
 - ③ 全学教育における科目
総合科目など
4. 植物育種学研究室は「The Global Education Program for AgriScience Frontiers」（英語特別コース）に参加しており、本公募の助教にはこのプログラムに参加する大学院生（主に留学生）に対して英語による教育研究指導を行う能力が求められます。

Position for Assistant Professor in the Laboratory of Plant Breeding,
Research Faculty of Agriculture, Hokkaido University

January 29th, 2025

We are inviting applications for the position of Assistant Professor in the Laboratory of Plant Breeding, Research Group of Applied Bioscience, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University. Please inform potential candidates of the following details on this position.

1. Title of position:

Assistant Professor (Tenure-track; see Appendix 1).

2. Affiliation:

- [Immediately after hiring] Laboratory of Plant Breeding, Research Group of Applied Bioscience, Division of Fundamental Agriscience Research, Research Faculty of Agriculture, Hokkaido University (see Appendix 2).
- [Scope of Change] Location as determined by the University.

3. Responsibilities:

- [Immediately after hiring] Duties concerning education and research at the Research Faculty of Agriculture, Graduate School of Agriculture, and School of Agriculture.
- [Scope of Change] Duties as determined by the University.

4. Qualifications:

- 1) Applicants must have a Ph. D. or be expected to have one by the time of employment.
- 2) Applicants must have research achievements in plant breeding, especially in relation to crops that are adapted to cool climates in high-latitude regions. Additionally, applicants must be able to provide research guidance in both Japanese and English to undergraduate and graduate students in the laboratory (see Appendix 2).
- 3) Applicants must have the ability to provide educational guidance regarding the above subjects for undergraduate and graduate students in both Japanese and English (see Appendixes 3 and 4).
- 4) Applicants must arrive at his/her post on the scheduled date.

5. Application materials:

- 1) Two sets of curriculum vitae *.
- 2) Two sets of publication lists and biographical data on research activities *.
- 3) Two sets of summaries of research activities with citing the reference number in the publication list (either around 800 words in English or around 1,000 characters in Japanese).
- 4) PDF files of all peer-reviewed publications (Submit PDF files of the names corresponding to the publication list in a USB memory stick or other electronic media.)
- 5) Two sets of summaries of the applicant's perspectives on education and (if any) educational activities, including those made in English (either around 800 words in English or around 1,000 characters in Japanese).
- 6) Two sets of summaries of the applicant's perspectives on research (either around 1,200 words in English or around 1,500 characters in Japanese).

7) Two sets of the list of two references for the applicant, showing their names, institutions, positions, telephone numbers, and e-mail addresses.

* Forms of curriculum vitae, publication list, and biographical data on research activities are available at the URL of Hokkaido University. (<https://www.agr.hokudai.ac.jp/i/subscription>)

¶ Remarks: Please note that an interview may be conducted if necessary. In that case, the applicant is responsible for any travel expenses. The submitted document will not be returned to the applicant. Applications will not be used for purposes other than this job posting.

6. Deadline for application:
March 11th, 2025

7. Scheduled starting date of employment:
July 1st, 2025

8. Destination of the documents:
• Prof. Tomohiko Kubo, Chair of the Personnel Committee, Ph. D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-3350 (Personnel section in Research Faculty of Agriculture, Hokkaido University).

*The requested documents should be submitted via registered mail (or an equivalent postal service) to the postal address indicated above. Please write "Application for Assistant Professor in the Laboratory of Plant Breeding" with red ink on the envelope.

9. Contact person:
• Prof. Hitoshi Onouchi, Ph. D.
Research Faculty of Agriculture, Hokkaido University,
Kita 9 Nishi 9, Kita-ku, Sapporo 060-8589, Japan
Tel: +81-11-706-3841, E-mail: onouchi@agr.hokudai.ac.jp

10. Compensation:
1) Probation period:
• 3 months.
2) Salary:
• The National University Corporation Hokkaido University Salary Regulations for Faculty Subject to Annual Salary System.
3) Working hours, etc.:
• Discretionary Labor System for Professional Work or Fixed Working Hour System based on agreement.
• Determined in accordance with the Hokkaido University Working Hours, Break Times, Holidays, and Leave Rules.
• [For Discretionary Labor System for Professional Work]
The work hours per day are deemed as 7 hours and 45 minutes.
• [For Fixed Working Hour System]

Work hours: 8:30 to 17:00.

Break time: 12:15 to 13:00.

Overtime work: Applicable.

4) Health Insurance, Pension, and Other Insurance

- The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association
- Employee's Pension
- Workers' Accident Compensation Insurance
- Employment Insurance

11. Name of Hiring Institution

Hokkaido University.

12. Measures to Prevent Second-Hand Smoke

No smoking on campus except for the designated outside smoking areas

13. Others

Hokkaido University is actively promoting both education and research activities under the concept of advancing diversity and inclusion. In addition, Hokkaido University is actively supporting to realize a good work-life balance and is providing ideal environments for those people who would like to show their full potentials. The details of the activity in Hokkaido University can be found in the following.

URL: <https://www.dei.hokudai.ac.jp/>

Appendix

1. Initial term of employment is 5 years, and an additional term of employment is limited to an additional 5 years. To qualify for a tenure position, the candidate's performance during employment will be evaluated. The tenure quantification may also be given after being reappointment.
2. The Laboratory of Plant Breeding is a member of the Research Group of Applied Bioscience, which is comprised of six laboratories. The Laboratory of Plant Breeding is conducting research on the following topics using crops (mainly rice): mechanisms of adaptation to high latitudes and cold regions; reproductive isolation mechanisms of interspecific hybrids and their breakdown; genetic improvement to promote efficient hybrid breeding; breeding and utilization of polyploids; and modeling of plant development using mathematical analysis methods. We seek an individual who is familiar with crop breeding that makes the most of the characteristics of Hokkaido, which is the base of agricultural production in Japan, and who has the ability and experience to promote related research internationally, as well as being able to provide education and guidance to undergraduate and graduate students participating in the research.
3. The Laboratory of Plant Breeding is responsible for all or part of the following subjects, and the Assistant Professor employed in this position will have sole or partial responsibility for them.
 - (1) Subjects in the Graduate School of Agriculture: Study on Agricultural Science I-II, Seminar on Agricultural Science I-II, Advanced General Agricultural Plant Science, Advanced Seminar on Agricultural Plant Science, Advanced Agrobiolgy, Advanced Seminar on Agrobiolgy, and others.
 - (2) Subjects in the School of Agriculture: General Genetics, Plant Breeding I-II, Introduction to Applied

Biosciences, Seminar in Applied Bioscience I·II·III·IV, Laboratory Work on Biology, Graduation Thesis, and others.

(3) Subjects in the general education, and others.

4. The Laboratory of Plant Breeding participates in “The Global Education Program for AgriScience Frontiers”. This program provides education to graduate students, mostly international students, in English. Therefore, applicants should have the ability to educate graduate students in English.