

Recruitment of Professor
Faculty of Agriculture, Kyushu University

Outline:

Kyushu University is seeking an experienced individual with expertise in teaching and research for appointment as a tenured Professor in the Laboratory of Insect DX, Division of Agrobiological Science, Department of Bioresource Sciences, Faculty of Agriculture.

The goal of the Division of Agrobiological Science is to systemically train superior researcher with a deep understanding and high insight on the sustainable and stable supply, innovative production technology, protection management, and preservation of biological environment of food resources organisms. The division systematically organizes each subject from the perspective of the basic, advanced and practical sciences, and undertakes multilayered education under the assignment and collaboration of each research field within the major and under the supervision system.

Division of Agrobiological Science consists of 15 laboratories: Insect DX, Plant Breeding, Crop Science, Plant Production Physiology, Plant Pathology, Horticultural Sciences, Zoology, Insect Genome Sciences, Entomology, Insect Pathology and Microbial Control, Insect Natural Enemies, Bioresources and Management, Agroecology, Sanitary Insect Science, Creative Science for Insect Industries and Insect Food Science.

The Laboratory of Insect DX was newly established in the Division of Agrobiological Science, Department of Bioresource Sciences in accordance with the FY2023 budget request for the establishment of an education and research organization. This position will be assigned to the Insect taxonomy Unit of the Insect Science and Creative Entomology Center, Faculty of Agriculture to realize their mission*.

In realizing the goals of the department and the division concerned, it is important to establish sustainable and stable supply methods for agricultural biological resources and to protect and manage biological resources. Insect taxonomy has long been a driving force in biodiversity research, and with the growing momentum of the SDGs, it has recently been attracting renewed attention. The importance of the vast amount of biological information accumulated through past research is widely recognized as a treasure trove of unutilized resources, especially by researchers outside Japan. In order for Kyushu University to develop into a global core that will lead the next generation of insect science research, it is essential to build a foundation for the application and use of this taxonomic knowledge through DX and to develop education and research on future environmental design.

We intend to hire a Professor who will focus on developing education and research in:

- 1) Education and research on the automation of insect species identification based on insect taxonomy data, and on the high added value of insect resources through advanced digitization techniques for specimen data
- 2) Education and research on the evaluation of insect diversity in environmental assessment using DX
- 3) Education and research on the promotion of insect DX in collaboration with insect science related fields

Since the field of insect DX is the first research field in Japan, we are looking for researchers who has a strong track record in insect taxonomy, biodiversity, etc. that can be developed into education and research in 1), 2), and 3) above, and who has a strong will to concentrate on insect DX and carry out research after assuming the position.

*For information on the mission in the FY2023 budget request for the establishment of an education and research organization, please check the Insect Science and Creative Entomology Center HP (<https://www.agr.kyushu-u.ac.jp/lab/iscec/wordpress/>).

1. Number of Positions Offered:

One Professor

2. Institution:

Position affiliation:

Laboratory of Insect DX, Division of Agrobiological Science, Department of Bioresource Sciences, Faculty of Agriculture.

The appointee will join the teaching staff of the Program of Agronomy, the Agricultural Resources, Engineering and Economics course in the School of Agriculture and the Agrobiological Science course in the Graduate School of Bioresource and Bioenvironmental Sciences.

3. **Date of Appointment:**

The successful candidate will take up the post as soon as possible after the endorsement of the appointment at the professor's meeting of the Faculty of Agriculture, Kyushu University.

4. **Qualifications:**

- (1) Ph.D. degree.
- (2) Able to work with enthusiasm for student education and research guidance as both an undergraduate and graduate school teacher.

5. **Educational Duties:**

The successful candidate will be expected to teach the following subjects and supervise research activities at both the undergraduate and graduate levels using Japanese, with some of the teaching and supervision also done in English.

(1) Graduate School of Bioresources and Bioenvironmental Sciences

▪ Master's Course

(Agrobiological Science Course)

Advanced studies in Agrobiological Science I, II, Project research in Agrobiological Science, etc.

(International Course)

Agrobiological Science, etc.

▪ Doctorial Course

(Agrobiological Science Course)

Research training on Agrobiological Science, Advanced topics on Agrobiological Science, Tutorial on Agrobiological Science, etc.

(International Course)

Research training on Agrobiological Science, etc.

(2) Undergraduate School

(Program of Agronomy, Agricultural Resources, Engineering and Economics Course, School of Agriculture)

In charge as necessary

(Kikan Education)

Basic Laboratory Experiments in Natural Science, Interdisciplinary Collaborative Learning of Social Issues Courses, KIKAN Education Seminar, etc.

In charge as necessary.

The ability to conduct class teaching and research guidance in Japanese is essential.

6. **Required Documentation (provide all documents either in Japanese or English)**

- (1) Curriculum Vitae
- (2) List of Research Achievements
 - I. Original Papers: Name of Authors, Title, Journal Name, Volume, Pages, Published Year, IF (JCR) , and Number of Citations (Google scholar)
(Applicant name should be underlined, and indicated (*) for a corresponding author)
 - (i) Peer-Reviewed Papers
 - (ii) Non-Peer-Reviewed Papers
 - (iii) OthersPlease categorize and describe which of the above 1), 2), 3), and others each achievement corresponds to. Also, please provide the URL of the researcher's information such as Scopus or Research Map.
 - II. Books: Name of Authors, Title, Name of Publisher, Pages, Published Year
 - III. Review Papers: Name of Authors, Title, Journal Name, Volume, Pages, Published Year
 - IV. Patents and Variety Registration
 - V. List of Presentations at Domestic and International Conferences: Name of Authors, Title, Conference Name, Year and Month (Distinguish between presentations as first author and others)
 - VI. Academic Awards
 - VII. List of Public and Private Research Grants Awarded: Name of Grant (Research Category),

VIII. Educational Experiences and Philanthropic Activity

IX. Others

- (3) Summary of your research activities and future research plans (approx. 750 words: Be sure to include your vision of how you will use your previous research to engage in research and education on insect DX after you arrive at your new position)
- (4) Summary of your aspirations for education in the future (approx. 500 words)
- (5) The names of two referees for your research activities and educational experience, together with their relationship to you and their contact information (E-mail address)
- (6) PDF format file of up to five of your most important publications (Only publications as the first or correspondence author are acceptable)

7. Documents to be submitted

Combine the Word files (1) to (5) and the PDF files (1) to (6) in a single zip format archive file. Please include your name in the submitted file name.

8. Interview:

Short-listed candidates are invited for an interview held at Ito Campus or via a remote conference system. We do not support any expenses incurred to participate in the interview, such as for travel or accommodation.

9. Employment Location:

Laboratory of Insect DX, Faculty of Agriculture, Kyushu University Ito Campus, Kyushu University (Motooka 744, Nishi-ku, Fukuoka 819-0395, Japan)

10. How to Pre-register and Upload the Application Documents:

- (1) Pre-registration: Please send an e-mail to the Administration Office* to pre-register by September 26, 2023, at 17:00 (Japan Standard Time: JST) (Please write "Kyushu University Insect DX Prof Application-your name" in the subject line of the e-mail). The reply e-mail from the Administration Office will include the URL of "Proself (file sharing system of Kyushu University)" for uploading the application documents.
- (2) Uploading application documents: Open the URL link in the reply e-mail, drag and drop the application documents, and click "Upload" to submit the documents to the Administration Office. Upload the electronic files to Proself by the submission deadline. After uploading the files, please send an e-mail to the administration office. The administration office will then send a message confirming the receipt of the submitted files from you.
- (3) Pre-registration Deadline: Complete pre-registration by September 26, 2023, at 17:00 (JST).
Uploading deadline: Complete uploading all application files by September 29, 2023, at 17:00 (JST).

*Contact for Submission of Documents:

Administration Office of the Selection Committee for Professor Candidates,
Laboratory of Insect DX, Faculty of Agriculture, Kyushu University

E-mail : kontyudx_saiyou@agr.kyushu-u.ac.jp

11. Contact and submission of the application documents to:

Prof. Takashi Okayasu

Head, Selection Committee for Professor Candidates of Laboratory of Insect DX, Division of Agrobiological Science, Department of Bioresource Sciences, Faculty of Agriculture, Kyushu University, 744 Motooka, Nishi-ku, Fukuoka 819-0395, JAPAN

E-mail: kontyudx_saiyou@agr.kyushu-u.ac.jp

12. Conditions of employment

- (1) Salary and Benefits

Appointment level to be commensurate with qualifications and experience. Salary and benefits are specified in the Kyushu University regulations. For further information, visit the following university website (in Japanese) or apply to the General Affairs Section, Faculty of Agriculture:

<https://www.kyushu-u.ac.jp/ja/university/information/rule/rulebook/pdf/2707/1/2019syuki042.pdf>

General Affairs Section, Faculty of Agriculture (E-mail: nossyomu2@jimu.kyushu-u.ac.jp)

- (2) Place of employment: Faculty of Agriculture, Kyushu University Ito campus (744 Motooka, Nishiku, Fukuoka, JAPAN).
- (3) Working hours, Break time, Overtime: Based on Discretionary Labor System for professional work.
- (4) Days off: Every Saturday and Sunday, national holidays, and New Year's holidays from December 29-January 3 in addition to an annual leave entitlement.
- (5) Social Insurance
Employee shall enroll in: Employment insurance, Compensation Insurance, Health Insurance, Employees' pension insurance.

13. Additional Information:

- (1) Kyushu University is an equal opportunity employer and follows the principles of the Basic Act for the Disabled Persons (Act. No.84 of 1970, revised in 2004 and 2011), Basic Act for Gender Equal Society (Act. No.78 of 1999), Act on Employment Promotion etc. of Persons with Disabilities (Act No. 123 of 1960, revised in 2013), and the Act on the Elimination of Discrimination against Persons with Disabilities (Act No. 65 of 2013).
- (2) Kyushu University deployed the System of Employment of Faculty Members with Accompanying Spouse (July 2017 and amended January 2018). For further information, visit the following university website (in Japanese), which links to Kyushu University Guidelines for this system (in English): <https://danjyo.kyushu-u.ac.jp/notice/view.php?cId=2600&>
- (3) For more information about the Faculty of Agriculture, please visit our website. (<https://www.agr.kyushu-u.ac.jp/>).
- (4) Personal information included in the submitted documents will not be used for purposes other than screening.