

**Open Recruitment: Tohoku University Institute of Multidisciplinary Research for
Advanced Materials Faculty Recruitment (female-only recruitment)**

The Institute of Multidisciplinary Research for Advanced Materials at Tohoku University is expanding its professorial position and is now accepting applications exclusively for women. This measure is being implemented as part of "positive action" based on Article 8 (Special Provisions Concerning Measures for Female Workers) of the Act on the Ensuring of Equal Opportunities and Treatment between Men and Women in Employment (Equal Employment Opportunity Act). This recruitment is aimed at proactively improving the current ratio of female faculty members and strengthening the university's overall research and educational capabilities.

Overview:

Job title	Professor
Recruitment fields	Green Functional Materials Processing Research
Recruitment personnel	1 person
Employment type	Permanent
Work location:	Institute of Multidisciplinary Research for Advanced Materials 2-1-1 Katahira, Aoba-ku, Sendai City, Miyagi Prefecture
Eligibility	<ul style="list-style-type: none">● Those who hold a doctorate at the time of appointment● Those who have made outstanding achievements in the above fields of expertise● Ability to communicate in English or Japanese
How to Apply	After registering in the advance application form below, upload the required documents to the individual application form that will be sent to you. https://jotform.com/252640500891453
Application Deadline	May 31, 2026
Employment start date	October 1, 2026
Contact	tagen-takuetsu@grp.tohoku.ac.jp

Open Position:

Professor at the Institute of Multidisciplinary Research for Advanced Materials (Permanent)

Background and purpose of the call:

As a strategic measure to further strengthen our university's research and educational capabilities, we are now opening up more professorial positions for female researchers and conducting an open call for applications. The participation of outstanding female researchers from Japan and abroad in decision-making roles, bringing diverse perspectives and approaches to the research field, will be a driving force behind new breakthroughs in existing academic fields. Furthermore, the presence of diverse role models will have an extremely positive educational effect on the development of the next generation of human resources. This open call is being implemented as part of the affirmative action pursuant to Article 8 of the Equal Employment Opportunity Act (Special Provisions Concerning Measures Concerning Female Workers), as the university aims to promote DEI and achieve gender parity. This is not just about improving the number of female researchers but also aims to accelerate the participation of female researchers, thereby maximizing the performance of Tohoku University as a whole and evolving into a world-class research university .

Tohoku University is seeking a candidate for a professor position. The successful candidate will engage in research and teaching activities focused on green functional materials processing.

This research aims to clarify the science behind the crystal growth process of green functional materials at the micro- and macro-scale, which will contribute to solving the energy and environmental challenges facing modern society, and to develop a crystal growth process based on this science, thereby realizing social implementation. Green functional materials here refer to crystals that are essential for energy conservation, energy conversion, renewable energy utilization, environmental analysis, and more, and include, for example, semiconductor materials, thermoelectric materials, piezoelectric materials, luminescent materials, and sensor materials. In particular, post-silicon materials such as wide-gap semiconductors and two-dimensional semiconductors are attracting high expectations from industry . This research will simultaneously promote the development and application of experimental techniques that enable in-situ observation of crystal growth and the evaluation of material properties, with the hope of developing a crystal growth process that maximizes material functionality.

Optimizing defect density through crystal growth science is essential for crystalline materials. Despite simulation advances, in-situ validation is needed to provide solid scientific evidence. Integrating growth research with property evaluation and rapid feedback is key to accelerating the deployment of green functional materials.

Those who will carry out this research are expected to lead the field of crystal growth processes for high-quality green functional materials and strengthen Tohoku University's international competitiveness in this field by forming a base for research collaboration both domestically and internationally.

Eligibility:

Candidates are expected to hold a doctoral degree and be fluent in English or Japanese at the time of appointment. They are also expected to have outstanding research achievements in their respective fields, be involved in education and research in their fields, and actively participate in activities to promote diversity among the university's members.

How to apply:

After you have completed the pre-application form below, you will receive a separate application form via email. In the application form, please select your preferred department and upload documents 1 through 9 below as **one combined PDF file**. For item 10, please enter your information directly in the appropriate field on the application form.

1. Cover letter
2. Resume/CV (with photo attached)
3. Summary of Professional Experience
4. List of Publications
5. Future research plans
6. Future plans for education
7. Future plans for human resource development and contributions to DEI
8. Future plans for community outreach, industry-academia collaboration, and application of research results
9. 2 letters of recommendation for the applicant (including contact information)
10. Researcher ID information (Scopus Author ID, ORCID iD, Researchmap *Please enter this information directly in the application form .)

Advance application form: <https://jotform.com/252640500891453>

Application Deadline: May 31, 2026

Selection method:

After the document screening by the selection committee, an interview will be held. Only those who pass the initial screening will be contacted for an interview.

Employment start date:

Employment start date is October 1, 2026

Lab Space Allocation and Housing:

Those selected will be assigned a lab space on the Katahira campus, and we may be able to offer accommodation in university accommodation depending on availability .

Compensation:

Annual salary system. Annual salary is determined according to experience and performance in accordance with the Tohoku University Employment Regulations.

Research expenses:

Start-up research funds will be provided for a certain period of time after hiring.

Social Insurance:

Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employment Insurance, Workers' Accident Compensation Insurance

Annual paid leave:

Employees are entitled to 20 days of paid annual leave each year . The number of days granted is calculated based on January 1st. Each year, 20 days of unused paid leave from the previous year (up to a maximum of 20 days) are carried forward. The first year's paid annual leave is calculated based on the start date (for example, if the start date is April 1st, 15 days are granted for the remaining 9 months).

Tohoku University's DEI Promotion:

- Tohoku University is promoting activities to improve diversity, equity and inclusion (DEI).

Tohoku University DEI Promotion Declaration webpage:

<https://dei.tohoku.ac.jp/vision/about/>

For details on our university's DEI research support , work-life balance support, and collaborative participation initiatives, please see the URL below.

Diversity, Equity and Inclusion Promotion Center website:

https://dei.tohoku.ac.jp/support_program/

Human Resources Planning Department website

<https://c.bureau.tohoku.ac.jp/jinji-top/external/a-4-kosodate/>

- Tohoku University has the largest on-site childcare facilities of any national university in Japan, including Kawauchi Keyaki Nursery School (capacity 22 children) and Aobayama Midori Nursery School (capacity 116 children), which are available to all faculty and staff, as well as Hoshinoko Nursery School (capacity 120 children), which is available to staff of the university hospital. The university hospital also has a nursery for children with mild illnesses and those recovering from illness, which is available to all faculty and staff.
- With the aim of creating an environment in which students and faculty members respect diverse sexualities in the course of their studies, research, and work, we have established the "Tohoku University - Everyone is the Main Player - Guidelines Regarding Diverse Sexualities," which outline our policies and specific responses.

Diversity, Equity and Inclusion Promotion Center website

https://dei.tohoku.ac.jp/support_program/consulting/for_minority/