

TOHOKU UNIVERSITY FACULTY POSITION

The Department of Biomedical Engineering in the Graduate School of Biomedical Engineering invites applications for a tenured faculty position at the Full Professor level. The successful applicant will join the Medical Device Innovation Group of the department and also join the Department of Mechanical and Aerospace Engineering (Division of Mechanical Engineering) in the Graduate School of Engineering. Special preference will be given to those applicants who have a strong background and interest in the new interdisciplinary field of mechanical engineering and medicine such as biomedical devices.

There are currently 15 professors and 6 associate professors in 6 groups (Biomedical Measurements and Diagnostics, Biomedical Engineering for Diagnosis and Treatment, Biomechanical Engineering, Regenerative and Biomedical Engineering, Biomedical Engineering for Health and Welfare, and Medical Device Innovation), pursuing research and teaching in the new multidisciplinary field that combines engineering and biomedicine and is based on physics, chemistry, and biology. Division of Mechanical Engineering pursues research and teaching in areas such as Functional Systems Engineering, Energy Systems Engineering, Materials Physics and Engineering, Nanomechanics, Biomechanics, Robot Systems, Nanosystems, Aerospace Engineering, Astronautical Engineering, and other fields newly created by fusion of different fields.

A successful candidate is expected to set up innovative research projects by himself/herself or in collaboration with other researchers of the groups. Responsibilities will include teaching at both undergraduate (Division of Mechanical Engineering) and graduate (Graduate School of Biomedical Engineering) levels, and directing research projects, which will lead to MS and Ph. D. theses.

The applicants must hold a doctoral degree in an appropriate field. Profound knowledge of the Japanese or English language, written and spoken, is also required.

The position is open to any candidate who fulfills the listed academic requirements, regardless of gender or nationality. The successful applicant, of Japanese or non-Japanese nationality, will become a Japanese National University Corporation employee and will be paid accordingly.

The deadline for application is May 19th, 2024. The position will be available after April 1st, 2025.

Applicants should send the following documents by e-mail:

- (1) Curriculum vitae including research and teaching history
- (2) List of research achievements [peer-reviewed journal articles (mark the corresponding author, if applicable), full-text reviewed international conference papers, other international conference papers, reference papers (other than those mentioned above), invited lectures, books, articles, patents, awards, research fundings (whether as a representative or a contributor), activities in academic and social societies, other special items].
- (3) Future prospects regarding education and research

- (4) Copies of five representative papers and a brief description of each paper
- (5) Names, addresses, telephone numbers and e-mail addresses of five persons who can evaluate his/her ability and personality.

Sending address:

Takuji Ishikawa, Assistant Dean, Graduate School of Biomedical Engineering, Tohoku University
Please send an email to "mech-recruit@grp.tohoku.ac.jp" with the subject line "Application documents for a professorship at the Graduate School of Biomedical Engineering". Application documents will not be returned.

For further information, please contact:

Assistant Dean, Graduate School of Biomedical Engineering, Tohoku University
E-mail: t.ishikawa@tohoku.ac.jp Telephone: +81-22-795-4009

Remarks:

- Tohoku University promotes activities to increase Diversity, Equity and Inclusion (DEI) and encourages people of varied talents from all backgrounds to apply for positions at the university. Tohoku University's website about the DEI Declaration is here: <http://tumug.tohoku.ac.jp/dei/>
- Pursuant to Article 8 of the Act on Securing, Etc. of Equal Opportunity and Treatment between Men and Women in Employment, Tohoku University shall, as a measure for increasing the presence of women among the academic staff, prioritize the hiring of women deemed qualified for each job opening, based on impartial evaluation.
- Tohoku University has published 'Tohoku University - Live as Who You Are - Guidelines for Gender and Sexual Diversity' to provide explanations and details of how those at the university should respond with respect to diverse sexuality. The purpose of the guidelines is to create an environment in which all students, faculty, and staff respect diverse sexuality in their academic, research, and professional activities. Please see the Center for Diversity, Equity, and Inclusion, Tohoku University website: http://tumug.tohoku.ac.jp/tu_guideline_rev2-2/
- Tohoku University has the largest on-campus childcare system of all Japanese national universities. This network comprises three nurseries: Kawauchi Keyaki Nursery school (capacity: 22) and Aobayama Midori Nursery school (116), both open to all university employees, as well as Hoshinoko Nursery school (120), which is open to employees working at Tohoku University Hospital. In addition, Tohoku University Hospital runs a childcare room for mildly ill and convalescent children which is available to all university employees.