

Announcement of Faculty Position
Faculty of Transdisciplinary Sciences for Innovation (Digital Human),
Kanazawa University

1. Number of Positions:

One position: Professor, Associate Professor, Lecturer or Assistant Professor

2. Affiliation: Faculty of Transdisciplinary Sciences for Innovation

3. Field of Specialization: Digital Human (Biomedical Engineering, Human Factors Engineering, Robotics, Human Augmentation)

4. Duties and Responsibilities: Kanazawa University promotes transdisciplinary research that integrates the humanities, sciences, and medicine within its Faculty of Transdisciplinary Sciences for Innovation. To further strengthen these efforts, we invite applications for a faculty position with a focus on digital humans. The successful candidate will be expected to advance research on the development and application of digital humans to enhance human well-being, and to teach courses in related areas, which may include biomedical engineering, human factors engineering, robotics, and human augmentation. We particularly welcome candidates whose research encompasses one or more of the following areas: computational biomechanics; biosignal and vital-sign analytics; rehabilitation engineering; medical and assistive devices; human-machine interfaces (HMI); medical robotics; collaborative robotics; and human-robot interaction (HRI).

(1) Class duties:

Undergraduate specialized education (College of Transdisciplinary Sciences for Innovation), Graduate specialized education (Division of Convergence Science, Graduate School of Frontier Science Initiative):

Courses related to the above fields of expertise, as well as courses required in the College of Transdisciplinary Sciences for Innovation and Division of Convergence Science, Graduate School of Frontier Science Initiative curriculum. Our university provides transdisciplinary education integrating humanities, sciences, and medicine and convergent knowledge within the College of Transdisciplinary Sciences for Innovation and Division of Convergence Science, Graduate School of Frontier Science Initiative, and applicants will be responsible for courses related to their field of research. For example, courses related to the above field of expertise, such as "Ergonomics," "Human Augmentation and Life," "Robot Innovation," "Smart Wellness," or "AI/IoT Health and Welfare," as well as other courses required by the college and division. The specific courses to be assigned will be decided in consultation with the applicant, taking into consideration their preferences and background.

Notes: Some of the courses listed above may need to be taught in English.

(2) Non-class duties:

Student guidance, supervising research, students' recruitment, admissions, job guidance, social contribution, etc.

(3) Other necessary duties deemed by the head of the department.

5. Employment Status: The employment period is set for 5 years. Candidates may be eligible for conversion to tenured status until the mandatory retirement age at the end of the fixed term if they meet the prescribed requirements through a reappointment review, based on their achievements during this period.

Re-appointment Performance Review Criteria

- (1) Educational activities: such as lectures, practical training, seminars, research supervision, and student guidance
- (2) Research activities: such as presentations of research papers and conferences
- (3) Research funding and contributions to the university and society

For applicants currently employed at Kanazawa University, the combined duration of the current and any subsequent terms cannot exceed 10 years, which may result in a new employment period of less than 5 years for the new term. Tenured faculty members at Kanazawa University who are hired will be considered as “transferred”, without a new fixed term.

6. Qualifications and Requirements: Applicants must meet all of the following requirements

- (1) The applicant must have a doctoral degree (including those who are expected to have a doctoral degree by the time of employment) or have educational and research capabilities equivalent to a doctoral degree.
- (2) The applicant must have outstanding research achievements both domestically and internationally in their respective field and be capable of engaging in education and research activities related to the specified field after joining the position. Additionally, they should demonstrate the ability to collaborate with faculty members for transdisciplinary education and research.
- (3) Nationality is not restricted. It is desirable that applicant possesses the ability to teach and supervise students in both English and Japanese, and to carry out university service (administrative duties) in Japanese.
- (4) The applicant must be able to live in Kanazawa or the surrounding area after being appointed.

7. Application deadline: Must arrive no later than Tuesday, December 9, 2025.

8. Scheduled date of hire: April 1, 2026.

9. Documents for submission:

- (1) Curriculum vitae (photo attached, postal code, current address, contact information, educational background from entering university, degrees, professional experience, academic society and activities, rewards and punishments in society)
- (2) List of education and research background (include the field of research, educational experiences and performance, and research papers) (Categorize Research papers such as books, academic papers (note: Write "refereed" for refereed papers), oral presentations, etc.)
- (3) Research activities, educational activities, academic and social activities (within 5 years)

- (4) External funding (Grant-in-Aid for Scientific Research (Kakenhi), commissioned research, joint research, donations, etc.)
- (5) Educational and research aspirations at College of Philosophy in Interdisciplinary Sciences (On a sheet of A4 paper)
- (6) Past research and educational activities and their status (On a sheet of A4 paper)
- (7) Reprints of major papers: (Up to five papers, one copy for each paper, photocopies accepted, A4 size)
- (8) The names and contact information of two referees (On a sheet of A4 paper).

Notes: For (1) through (5), please use the forms posted at the following URL; (6) through (8) can be submitted in any format. <https://innov.w3.kanazawa-u.ac.jp/koubo/> (Japanese only)

10. Selection Process: After the application screening, an interview and mock class in Japanese or English may be requested.

Note: Applicants are responsible for their own travel expenses in Japan and abroad, but please note that under some circumstances, the interview may be conducted online.

11. Document submission and inquiries: Please send the application documents by e-mail or post.

<Submission address>

General Affairs Division, Interdisciplinary Sciences Administration Department,
Kanazawa University
Kakuma-machi, Kanazawa, Ishikawa 920-1192, Japan
email: yugo-jobs@adm.kanazawa-u.ac.jp

Notes: Please write "Application for Full-Time Faculty Position of Digital Human" in red on the front of the envelope.

In principle, application documents will not be returned. If you wish to return them, you must pay on delivery by Fedex if you are applying from abroad. If you wish to return them in Japan, please enclose a self-addressed, postage-paid envelope (in the case of a courier service, a cash-on-delivery invoice).

For inquiries, email: shigeru@se.kanazawa-u.ac.jp

12. Additional Information:

- (1) In the College of Transdisciplinary Sciences for Innovation, we aim to develop human resources for social change by promoting education and research that integrates humanities, sciences, and medicine. Please refer to the following URL for College of Philosophy in Interdisciplinary Sciences.
<https://innov.w3.kanazawa-u.ac.jp/> (Japanese only)
- (2) The salary shall be in accordance with the salary regulations for employees of Kanazawa University Educational Corporation. Please refer to the following URL for the details of the salary regulations and working regulations of Kanazawa University Educational Corporation. Please refer to the following URL:

<https://www.kanazawa-u.ac.jp/university/administration/regulation/rules> (Japanese only)

- * Kanazawa University is working to strengthen English education by improving the English teaching skills of its faculty and increasing the number of courses offered in English.
- * Kanazawa University promotes the implementation and advancement of diversity, equity, and inclusion (DEI) in accordance with the principles and policies of the Basic Act for Gender Equal Society and the "Kanazawa University Declaration of Diversity Promotion." So, we welcome applications from female researchers and international researchers. For details, please refer to the following URL.

<https://ipdi.w3.kanazawa-u.ac.jp/en/>