

Job Information: Specially Appointed Assistant Professor (Nontenured) (Research Center for Next-Generation Health Technology, Institute for Multidisciplinary Sciences)

Closing Date: May 29, 2026

Research Center for Next-Generation Health Technology, Institute for Multidisciplinary Sciences, Yokohama National University (YNU) is now inviting applications for an assistant professor as a Nontenured faculty position in the field of mechanical engineering. The following is an overview of the position, required qualifications and application documents:

1. Job title: Specially Appointed Assistant Professor

2. The number of positions: 1

3. Start date: September 1st, 2026, or the earliest possible date thereafter

4. Address of work location: 79-5, Tokiwadai, Hodogaya-ku, Yokohama, Kanagawa, Japan

5. Term of employment:

Contract until March 31, 2027. Nontenured.

(Under the initial employment contract, the maximum term is March 31, 2027; however, depending on budget conditions and work performance, there is a possibility of annual reappointment with a maximum limit of March 31, 2030.)

\* You will be notified of contract extension 30 days in advance. The trial period is six months.

6. Compensation:

Annual salary system:

estimated between 5 million yen and 6 million yen (including benefits and commuting expenses). Our final offer will depend on your experience. The annual salary will be divided by 12 and paid monthly. Full-time position. Considered to have worked 38 hours and 45 minutes per week under the discretionary labor system for specialized work.

Days off:

Saturdays, Sundays, national holidays, summer holidays (Monday between August 12 and 18), and year-end through New Year holidays (from December 29 to January 3 of the following year).

Various insurances (Social insurance, Labor insurance):

The Ministry of Education, Culture, Sports, Science and Technology Mutual Aid Association, Employee pension insurance, unemployment insurance, workers' accident compensation insurance.

7. Job description:

#### Research Group Overview:

Our group develops new functional soft materials and next-generation electronic elements (sensors, etc.) using advanced mechatronics. We propose new concepts for devices and systems by integrating materials chemistry, mechanical engineering, and electrical/electronic engineering. (Refer to the lab website for details).

#### Research Duties:

Engage in research on electronic devices and robots using soft materials, specifically focusing on flexible/stretchable electronics such as sensors and batteries.

#### Other Duties:

Management and operation tasks within the laboratory and related projects.

#### 8. The interview process:

After the initial document screening, successful candidates will be invited to an interview. If there is no suitable candidate, the final candidate may not be selected (transportation expenses, accommodation expenses, etc., to attend the interview will be the applicant's burden).

#### 9. Qualifications and Requirements:

- a PhD degree (or be expected to obtain one by the start date).
- Passion for research and education.
- Proactive in international collaborative research.
- Expertise in electronic device materials is desirable, but candidates with strong experimental research experience in electrical engineering or materials chemistry are welcome.
- Proficiency in English (sufficient for oral presentations, paper writing, and international collaboration).
- Ability to conduct research independently and collaborate effectively with researchers inside and outside the lab.

#### 10. Application Documents (A4 size):

- (1) Curriculum Vitae (with photo and email address).
- (2) List of Research Achievements (Categorized: peer-reviewed journals, international conferences, books/reviews, awards, etc. Include Impact Factor values if applicable).
- (3) Reprints or PDF copies of major original papers (up to 5 papers).
- (4) Status of competitive research funds (if any, distinguish between principal investigator and co-investigator).
- (5) Summary of previous research (more than 1 page) and Specific Research Proposal (more than 2 pages).
- (6) Statement of views and aspirations on education and research at the university (approximately 1 page)
- (7) Other noteworthy items (optional).

(8) Contact information for two references (Name, affiliation, relationship, phone number, and email).

All the documents (1)-(8) should be submitted as pdf files (electronic files) using the NII File Sender service provided by the National Institute of Informatics. You must send an email to the following email address (see 11. Contact) with the title "Request for submission of application documents via NII File Sender" at least one week before the application deadline. Then, we will contact you to tell you how to handle the NII File Sender.

11. Application closing date

May 29, 2026 (Application will be closed as soon as qualified candidates are selected.)

12. Contact

Associate Professor Hiroki Ota, Graduate School of Engineering Science / Institute for Multidisciplinary Sciences, Yokohama National University

E-mail address: ota-hiroki-xm@ynu.ac.jp

Lab website: <http://www.ota.ynu.ac.jp/index.html/>

13. Employer

President of Yokohama National University

14. All documents provided will only be used for application purposes and will be disposed of safely after the selection is completed to maintain the privacy of personal information.

15. Our university welcomes the active application of women and those who have experience in education and research overseas, based on the spirit of the Yokohama National University Declaration of Gender Equality and from the perspective of aiming for diversity of human resources.