

Project Assistant Professor Position at the Center for Research Collaboration,
National Institute for Physiological Sciences, National Institutes of Natural Sciences

National Institute for Physiological Sciences (NIPS), the National Institutes of Natural Sciences (NINS), Okazaki, Japan, invites applications for the position of Project Assistant Professor. Please recommend suitable candidates and disseminate this posting to those who wish to apply.

1. Position

Project Assistant Professor, two positions

2. Affiliation

(Upon hiring) Center for Research Collaboration, NIPS, NINS

(Range of change) Work place designated by NINS

3. Research field

NIPS is an inter-university research institute in the field of basic medicine that aims to elucidate the functions and mechanisms of the human body. NIPS will participate in the project “Formation of a World-Class Research Center for Psychiatry and Neurology to Establish a One-of-a-Kind Academic Drug Discovery Ecosystem” as a partner institution of Fujita Health University under the Program for Forming Japan’s Peak Research Universities (J-PEAKS), implemented by the Ministry of Education, Culture, Sports, Science and Technology and the Japan Society for the Promotion of Science. In this project, NIPS will contribute to Fujita Health University’s goal of understanding the basic principles of the brain and mind as well as elucidating the pathology of psychiatric and neurological disorders through analyses of brain structure and function in mice and behavior and neural activity in nonhuman primates. To promote this project, a new office is planned to be established within the Center of Research Collaboration.

In this regard, we are looking for one researcher each to engage in research using mice and marmosets, as described below:

(Mouse) We seek for a researcher who will carry out research to clarify changes in neurons and glial cells in sensory-related areas regulated by sensory experience and sensory learning, and their contribution to the pathology, using imaging and other techniques in mouse models of psychiatric and neurological diseases. In particular, we welcome candidates who are willing to actively promote research on the pathophysiology of neural circuits using state-of-the-art optical systems, including holographic microscopy. The ideal candidates should preferably have experience in imaging and electrophysiological analyses, but this is not a requirement if they are highly motivated researchers.

(Marmoset) We seek for a researcher who, as a junior PI of our J-PEAKS, will carry out research to clarify changes in neurons and glial cells in sensory-motor-related areas regulated by sensory experience and sensory learning, and their contribution to the pathology with a focus on psychiatric and neurological disorders, using electrophysiological and imaging techniques in marmosets. In particular, we welcome candidates who are willing to actively promote research on the pathophysiology of neural circuits using state-of-the-art electrophysiological methods and optical systems. The ideal candidates should preferably have experience in electrophysiological and imaging analyses, but this is not a requirement if they are highly motivated researchers.

The successful candidate will be expected to play an active role in promoting collaborative research with Fujita Health University and other collaborating/participating institutions as well as in fostering young researchers including graduate students, which are important missions of the J-PEAKS.

4. Job duties

(Upon hiring) As stated in #3 above.

(Range of change) Job duties designated by NINS.

5. Qualifications

Applicants should have a doctoral degree or equivalent research achievement.

6. Period of appointment

The contract period will be renewed annually based on a performance review, but valid until March 31, 2030. It may be renewed up to March 31, 2035, depending on the project status and the worker's work performance, attitude, and ability.

7. Benefits and Conditions

Salary will be determined based on the NINS's payment standards, and according to the applicant's career, ability, and other factors. Other conditions will be determined as stipulated by NINS.

8. Application documents

(1) Curriculum vitae (please use the designated format*)

(2) Summary of past research, reason for applying, and future aspirations (approximately 1,000 words; No format specified)

(3) List of publications (Appendix 1*)

- Number publications consecutively in order of publication date (chronological order, starting with the most recent publication at the top). Circle the number of three main

publications listed in (5) below.

- The publication list must include the names of all authors, titles of papers, journal names, volume number, page number (beginning and end pages, or manuscript number in the case of Open Access Journal), year of publication, and doi.
- Original papers and review articles (including books) should be listed separately.
- Papers in press should be included; but papers under submission, those with preprints (e.g., bioRxiv), or those in preparation should not.

(4) Other reference materials (Appendix 2*)

(5) PDF files of three main publications

(6) Letter(s) of recommendation (*)

- At least one letter
- The letter can be sent separately by the recommender.

*Please download the designated formats for (1), (3), (4), and (6) from the following URL:

<https://www.nips.ac.jp/eng/recruit/index.html>

*The documents (1) to (6) should be prepared in PDF format; the documents (1) to (5) should be merged into a single PDF file to be submitted electronically.

9. Application deadline

All of the application documents must be received by noon on June 3 (Tuesday), 2025 (Japan Standard Time).

10. Date of appointment

As soon as possible after the successful applicant is determined.

11. Other notes

(1) Gender equality

1. NIPS complies with the Act on Equal Employment Opportunities and is committed to promoting gender equality.
2. NIPS gives hiring priority to female applicants when they are recognized as equivalent during performance evaluations.
3. Maternity, childcare, or nursing care leave is taken into consideration, if applicants clearly indicate the period of leave on their CVs or other documents.

(2) Handling of personal information

Personal information pertaining to applications will be managed appropriately in accordance with the Act on the Protection of Personal Information and related rules of NINS. It will be used only for the purpose of selection and employment.

12. How to submit the application documents

(1) Submission process

- (a) Intention to Apply: First, applicants must send an e-mail to indicate their intention to apply to the personnel section, Okazaki Administration Center (nips-recruit@orion.ac.jp). The e-mail should include the applicant's "name," "current affiliation and position," "phone number," "e-mail address," and "experimental animals."
- (b) The personnel section will inform the applicant as to how to submit their application documents as an electronic file.
- (c) If the applicant's recommender(s) wish to send the recommendation letter separately, the personnel section will inform the recommender of how to send the letter. For this purpose, applicants need to inform the NINS personnel section of the name(s) of recommender, affiliation(s), and e-mail address(es) when they first indicate their intention to apply as detailed in (a) above.

(2) Important notice

- (a) To protect personal information, do not send any application documents by e-mail.
- (b) Notification of the "Intention to Apply" must be received by noon on May 27 (Tuesday), 2025 (Japan Standard Time).

(3) Contacts for inquiries

- (a) Regarding document submission, salary, and benefits

The personnel section, Okazaki Administration Center, NINS

38 Nishigonaka Myodaiji, Okazaki, Aichi, 444-8585, Japan

Phone: +81-564-55-7113

E-mail: r7113 @ orion.ac.jp (please remove the spaces before and after @)

- (b) Regarding research content

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NIPS website: <https://www.nips.ac.jp/eng/>