

Call for Project Assistant Professor / Postdoctoral Fellow (Project Researcher) (Full-time Fixed-term Project Researcher) (Nagai Laboratory) at IRCN, The University of Tokyo

Yukie Naga lab at IRCN has been investigating the underlying mechanisms of human cognitive development and disorders by means of computational approaches. We design computational neural networks inspired by the human brain and examine what enables the networks to acquire human-like intelligence. Please see the lab homepage (<https://developmental-robotics.jp/en/>) for more details.

We are currently seeking researchers (Project Assistant Professor or Project Researcher), who will be engaged in the following projects:

- CREST "Cognitive Feelings that Mediate Between Perception and Emotion" (PI: Yukie Nagai, Period: Oct 2021 - Mar 2027)
- Grant-in-Aid for Scientific Research (S) "Understanding Cognitive Individuality Based on a Unified Brain Theory: Assisting People with Developmental Disorders" (PI: Yukie Nagai, Period: Jul 2021 - Mar 2026)
- Grant-in-Aid for Scientific Research (S) "Dynamics of caregiver-infant interaction: Foundation of the emergent mechanism of diversity in human development" (PI: Masako Myowa, Period: Jul 2021 - Mar 2026)

1	Job title / Number of positions	IRCN Project Assistant Professor or Project Researcher (Postdoctoral Fellow) / One or two
2	Employment period	Starting Date: Negotiable Contract duration: until March 31, 2022.
3	Renewable	Not renewable
4	Probationary period	Six months from the date of arrival.
5	Place of work	International Research Center for Neurointelligence, The University of Tokyo, Institutes for Advanced Study 7-3-1 Hongo Bunkyo-ku Tokyo, 113-0033 JAPAN *This can be changed due to work circumstances.
6	Affiliation	Nagai lab (IRCN Principal Investigator)
7	Description	Successful applicants will work in the fields of computational neuroscience, cognitive developmental robotics, machine learning, and relevant topics. They will investigate the principle of human cognitive development and disorders by modeling computational neural networks inspired by the human brain and/or analyzing human cognitive behaviors. Please see the lab homepage (https://developmental-robotics.jp/en/) for more details.
8	Working hours	Discretionary labor system, based on 7 hours, 45 minutes per day, or 38 hours 45 minutes per week
9	Holidays	Saturday and Sundays; Statutory public holidays of Japan; Year-end and New Year holidays (December 29 through January 3)
10	Leaves	Paid leaves, refreshment leave, congratulatory or condolence leave, etc (In accordance with the University of Tokyo regulations)
11	Salary and benefits	Salary: To be determined in accordance with the University of Tokyo Regulations Commuter allowance: JPY55,000 per month at maximum No retirement benefits or bonuses
12	Available insurances	Eligible for MEXT* Mutual Aid Association membership, employees' pension, employment insurance, and workers' accident compensation insurance. (*MEXT: Japan's Ministry of Education, Culture, Sports, Science and Technology)
13	Qualifications	- PhD in engineering, computer science, cognitive science, neuroscience, or relevant fields - Communication skills in English - Programming skills - Experiences in computational neuroscience and/or cognitive developmental robotics are preferred
14	Application documents	(1) Cover letter (English, A4 1 page) (2) Curriculum vita (English) (3) Publication list (English) (4) Research plan (English, A4 2-3 pages) (5) Name, affiliation, and email address of two references, one of which should be a previous employer or supervisor
15	Submission	Please send the application documents to yukie#ircn.jp (please replace # with @)
16	Application deadline	When the position is filled
	Selection process	All applications will be screened, and only those qualified will be scheduled for an interview (on-site or online).
17	Inquiries	Please contact yukie#ircn.jp (please replace # with @)
18	Recruiter name	The University of Tokyo
19	Notices	(1) Submitted documents will not be returned. Personal information is handled carefully according to the Privacy Policy of the University of Tokyo, and will be used only for the job selection process. (2) Travel cost will not be paid in screening process. (3) For details on work conditions, please see the University of Tokyo Regulations on Conditions of Employment of Fixed-term Project Academic and Administrative Staff. (https://www.u-tokyo.ac.jp/en/about/rules_main.html) (4) The University of Tokyo promotes gender equality and actively encourages women to apply.