

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

Yukie Nagai 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 Research Associate 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)

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| 1 | Job title / Number of positions | IRCN Project Research Associate or Project Researcher (Postdoctoral Fellow) / One or two |
| 2 | Employment period | Starting Date: Negotiable Contract duration: until March 31, 2022. |
| 3 | Renewable | The contract is renewable on a fiscal year basis (from April 1 to March 31; every year) according to research budget, research activity, and research achievements. Contract duration is until March 31, 2026. |
| 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 Selection process | When the position is filled 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 |

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| 19 | Notices | <p>(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.</p> <p>(2) Travel cost will not be paid in screening process.</p> <p>(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)</p> <p>(4) The University of Tokyo promotes gender equality and actively encourages women to apply.</p> |
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