

Assistant Professor (Three-year fixed-term contract)
(Nano Life Science Institute, Kanazawa University)

Institution

Kanazawa University

URL of institution or department

<http://nanolsi.kanazawa-u.ac.jp/en/>

Department

Nano Life Science Institute (NanoLSI)

Institution type

National university

Content of job information

Nano Life Science Institute (WPI-NanoLSI) at Kanazawa University was launched in October 2017, with a support of World Premier International Research Center Initiative (WPI) program by MEXT, Japan. At NanoLSI, we are developing various bio-scanning probe microscopy (SPM) techniques for visualizing nanoscale structures, dynamics and functions of biomolecules and cells. With the developed techniques, we are investigating nanoscale mechanisms of protein dynamics, cellular functions, and diseases.

We are looking for an excellent researcher who can work on the following research subjects as an "Assistant Professor" at NanoLSI.

1. Development of novel nanoprobe technology "Nanoendoscopy" to visualize nanoscale structures, dynamics and properties inside a living cell by expanding the capability of our world-leading Atomic Force Microscopy (AFM) technologies at NanoLSI.
2. Nanoscale investigations on the mechanisms of basic cellular functions and diseases by advanced bio-SPM technologies.

[Address of work location and other information]

Nano Life Science Institute, Kanazawa University,
Kakuma-machi, Kanazawa, Ishikawa 920-1192, Japan

Number of Position: One

Starting date: October 1, 2022 or as early as possible if later.

Research field	1	Area	Interdisciplinary science and engineering
		Discipline	Nano/ Micro science
	2	Area	Biology
		Discipline	Biological Science
	3	Area	Interdisciplinary science and engineering
		Discipline	Applied physics

Job type Assistant Professor level

Employment status Full-time (Nontenured)

Qualifications

Applicants must satisfy all the following requirements:

- 1) Ability to conduct research activities in English
- 2) Experience of scanning probe microscopy (SPM) research is desirable. At least, the assistant professor should be able to actively work on the development of SPM technology.
- 3) Experience of cell biology research is desirable. At least, the assistant professor should be able to actively work on basic cell biology studies by SPM technologies.
- 4) Experience of scanning electron microscopy and focus ion beam experiments is desirable but not mandatory.
- 5) Doctoral degree (including equivalent degrees such as a PhD from overseas universities) has been conferred or will be conferred when he/she arrives at the post.

Compensation [Details of salary, working hours, holiday, period of employment and insurance, accommodation, etc.]

Assistant Professor (Three-year fixed-term contract)

[Period of employment]

Three-year fixed-term contract

Note: There is a possibility of the contract being renewed after the expiration of the employment period.

Negotiation is possible on employment start date.

[Start-up research funds]

We will provide million yen in the first year for research funding.

[Working Hours]

Working hours are determined according to the Discretionary Labor System for Professional Work (7 hours and 45 minutes per day)

[Salary]

Basic pay, 4,200,000 yen (Annualization conversion)

Special allowance, around 1,320,000 yen (Annualization conversion)

Salary will be fluctuated by performance and evaluation after adoption.

[Other]

Social Insurance: Mext Mutual Aid Association

Eligibility to Unemployment Insurance: Yes

Work Condition Details: According to the rules of Kanazawa University.

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

Application period

September 30 , 2022 Deadline for receipt (Evaluation will be performed upon receipt of each application and, if an appropriate candidate is found, this call may be closed in about a month after the offering has started).

Application/selection/notification of result/contact details

[Application Documents]

1. CV (including research achievements such as publications, presentations, awards and research grants)
2. Outline of past research activities and proposal of research at NanoLSI (~2 pages)
3. Offprints of major publications (up to five)
4. Name, affiliation, and contact details of two recommenders

➤ Please send the application form by e-mail.

Email : nanolsi-jobs@adm.kanazawa-u.ac.jp

➤ As we cannot receive emails larger than 5 MB, please use an upload site if the size of your email exceeds 5 MB.

➤ Please write "Application for Faculty Position (WPI, Prof. Fukuma)" in the title of the e-mail.

[Selection process (selection method and hiring decision), notification of result]

Applicant screening and interview

※We do not cover the travel expenses associated with the interview.

[Contact details (department, official position, name, e-mail address, and phone number of the responsible person)]

< Contact Information >

Professor, Takeshi FUKUMA

Nano Life Science Institute (NanoLSI), Kanazawa University

Tel: +81-76-234-4847

Email: fukuma@staff.kanazawa-u.ac.jp

If you have any questions regarding employment regulations or administrative procedures, please contact the following address.

Nano Life Science Institute, Kanazawa University

Tel: +81-076-234-4550

Email: nanolsi-jobs@adm.kanazawa-u.ac.jp

Additional information

- 1) The website below gives information about employment regulation.
<https://nanolsi.kanazawa-u.ac.jp/en/staff/rules/>
- 2) Kanazawa University promotes the development of diversity in the research and education environment. For details, see the following URL:
<https://cdl.w3.kanazawa-u.ac.jp/en/>
- 3) NanoLSI welcomes applications from female researchers in accordance with the purport of the Basic Act for Gender Equal Society For details, see the following URL:
<https://nanolsi.kanazawa-u.ac.jp/en/research/diversity/>