Faculty Recruitment: Female Only
Specially Appointed Professor or Specially Appointed Associate Professor

Name of Institution
Kanazawa University

Institution or Faculty URL
https://nanolsi.kanazawa-u.ac.jp/en/

Name of Faculty
Nano Life Science Institute (NanoLSI)

Type of organization
National University

Job Description
Specially Appointed Professor (or Specially Appointed Associate Professor) [Female Only]

Nano Life Science Institute (NanoLSI), Kanazawa University was established in October 2017 as a World-class research center under the World Premier International Research Center (WPI) program of the Ministry of Education, Culture, Sports, Science and Technology (MEXT). At NanoLSI, the world's most advanced bio-SPM (Scanning Probe Microscopy) technology and supramolecular chemistry technology are combined and developed, and we develop nanoprobe technology to directly observe, analyze and manipulate the dynamics of proteins, metabolites, and nucleic acids in the surface and interior of living cells at the nanoscale. Then, based on these innovative nanoprobe technologies, we aim to fundamentally understand the mechanisms of basic functions of living cells at the nanoscale through the integrated use of knowledge from "cancer" research and computational science.

We are looking for a specially appointed professor (or a specially appointed associate professor) who will be responsible for promoting interdisciplinary research in the field of nanometrology and life science at the Nano Life Science Institute.

In addition, the professor or associate professor may be asked to be in charge of education at the Division of Nano Life Science in the Graduate School of Frontier Science Initiative.
Workplace address
Nano Life Science Institute, Kanazawa University (Kakuma Campus, Kakuma-machi, Kanazawa City, Ishikawa Prefecture, 920-1192, Japan)

Recruitment capacity
1 position

Start of employment
Earliest possible date on or after February 1, 2022

Research fields
(Broad Section and Medium-sized Section are based on Review Section Table of Grants-in-Aid for Scientific Research-KAKENHI)

<table>
<thead>
<tr>
<th>Broad Section</th>
<th>Medium-sized Section</th>
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<tbody>
<tr>
<td>D</td>
<td>28 Nano/micro science and related fields</td>
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<tr>
<td>D</td>
<td>29 Applied condensed matter physics and related fields</td>
</tr>
<tr>
<td>E</td>
<td>37 Biomolecular chemistry and related fields</td>
</tr>
<tr>
<td>G</td>
<td>43 Biology at molecular to cellular levels, and related fields</td>
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<tr>
<td>G</td>
<td>44 Biology at cellular to organismal levels, and related fields</td>
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<tr>
<td>I</td>
<td>50 Oncology and related fields</td>
</tr>
<tr>
<td>J</td>
<td>62 Applied informatics and related fields</td>
</tr>
</tbody>
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Grants-in-Aid for Scientific Research-KAKENHI- “Review Section Table” : https://www.jsps.go.jp/english/e-grants/data/09/2022/review_section_table_e.pdf

Type of work
Full-time faculty with fixed term (term of office will be five years from the date of employment)

Qualifications
(1) Must be female
*Under Article 8 of the Equal Employment Opportunity Law (Special Provisions of Measures Pertaining to Women Workers), in order to actively improve the present situation of a considerably low percentage of women researchers, applicants are limited to women researchers.
(2) Excellent research achievements in the above research fields
(3) Good communication skills and the ability to conduct research activities in English
(4) Ability to conduct research activities effectively both independently and in a team
(5) Doctoral degree (including equivalent degrees such as a PhD from overseas universities)

Job details
[Job Title]
Specially Appointed Professor (or Specially Appointed Associate Professor)
*Full-time faculty with fixed term
The professor or associate professor, assigned as a research professor to mainly concentrate on research activities
https://www.kanazawa-u.ac.jp/kiteishu/act/frame/frame110000411.htm
(Details of salary, working hours, holiday, period of employment and insurance, accommodation, etc.)

Period of employment
Five years from the earliest possible date on or after February 1, 2022

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

Salary
Annual salary system is applied, and the amount of starting salary will be decided based on academic experiences and so on.
(For example: Professor, aged 55 years: around 10,200,000 JPY)

In addition to the salary, a researcher excellence allowance, generally 2,520,000 JPY per year/for Professor, will be provided. The amount of the allowance will be decided based on research achievements and so on.

Reemployment system
Depending on the results of the internal review of research performance, etc., the possibility of reemployment will be considered before the term of office expires.
Research support
In conjunction with the salary, the following support will be provided.

<table>
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<tr>
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<th>Professor (same for Associate Professor)</th>
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<tr>
<td>Start-up research fund</td>
<td>A total of 10,000,000 JPY over the period of 3 years after hire</td>
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<tr>
<td>Basic fund</td>
<td>2,000,000 JPY/year</td>
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</tbody>
</table>
| Employment of specially appointed assistant professors or postdoctoral fellows | 1 person (term of office is five years, no reemployment)  
In principle, foreign or female researcher |
| Research space and private office    | Applicable                               |
| Open facilities                      | Cryo-FIB-SEM                             |
|                                      | High-Speed AFM                           |
|                                      | Confocal laser microscopy                |
|                                      | Transmission Electron Microscope (TEM)   |
|                                      | NMR(600 MHz/400MHz)                      |
|                                      | Super-resolution FM-AFM                  |
|                                      | Scanning Ion Conductance Microscope (SICM) etc. |

Insurance
Will join the National Public Employee Mutual Aid Association, Employment insurance, and Workers' accident compensation insurance

Work conditions other than the above are in accordance with the National University Corporation Kanazawa University Employment Regulations, etc.

Application deadline
November 30, 2021
Application, selection details and contact information

[Application]

<Application documents>

1. Curriculum vitae with a recent photograph of the face, listing present address, phone number, e-mail address, academic career (including the title of doctoral dissertation), research career, professional career, academic affiliations, rewards and reprimands
2. Research achievements: peer-reviewed papers, conference presentations (categorized into general lectures and invited/special lectures), review articles, commentaries, books, patents, etc., and include the name of the co-author, organization of presentation, volume (issue), first and last page, and year of presentation
3. Offprints of main published papers (five papers maximum, hard copies are accepted)
4. List of acquisition of external funds such as KAKENHI (Grants-in-Aid for Scientific Research), Commissioned research projects, Joint research projects and Donations, etc. (time period, name of grant, title of education/research, and amount of money should be included)
5. Outline of past research activities (two sheets in free format, A4 or letter)
6. Proposal of research at NanoLSI (two sheets in free format, A4 or letter)
7. If you have recommendations (up to two people), a letter of recommendation should be sent separately to the following e-mail address.

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

- Please send the application documents by e-mail or post.
- If you send your application via email: we cannot receive emails larger than 5 MB, please use an uploader if the size of your email exceeds 5 MB. Please write "Application for Faculty Position of Professor or Associate Professor " in the title of the e-mail.
- Please ensure that you provide your contact information including your address, phone number, and e-mail address in your application documents, write " Application for Faculty Position of Professor or Associate Professor " in red on the envelope, and send your documents by registered mail to the following address:
- Please note that all application documents will not be returned to you.

Send application documents to:

The Administrative Office, Nano Life Science Institute
Kanazawa University
Kakuma-machi, Kanazawa, Ishikawa 920-1192, Japan
Email: nanolsi-jobs@adm.kanazawa-u.ac.jp
[Selection process (selection method and hiring decision), notification of result]

Document screening and interview
*We do not cover the transportation expenses associated with the interview.

[Contact details]

Professor (Director), Takeshi Fukuma
Nano Life Science Institute, Kanazawa University (WPI-NanoLSI)
Tel: +81-76-234-4847
Email: fukuma@staff.kanazawa-u.ac.jp

Additional information
1) The website below gives information about employment regulation.
http://www.kanazawa-u.ac.jp/university/administration/regulation/rules
   (in Japanese)
2) Kanazawa University actively promotes gender equality in the workplace. For details, see the following URL: https://cdl.w3.kanazawa-u.ac.jp/en/