

Institute Recruitment at the Kyoto University Institute for Integrated Radiation and Nuclear Science

April 16, 2025

The Institute for Integrated Radiation and Nuclear Science (KURNS) at Kyoto University was established to conduct experiments using a research reactor and related studies. The institute comprises four research divisions—Nuclear Engineering Science, Quantum Beam Material Science, Radiation Life Science, and the Industry-Academia Collaboration Laboratory for New Research Reactor—along with two research centers: the Research Center for Safe Nuclear System and the Particle Beam Oncology Research Center. These are composed of 20 research fields and one visiting research field across the divisions, and five research fields in the two centers.

This recruitment seeks a researcher who will proactively promote “integrated structural biology” at our institute, utilizing scattering and diffraction techniques based on quantum beams such as neutrons and X-rays, combined with diverse experimental methods and computational science. Preference will be given to candidates who can lead the field of biophysics by elucidating the dynamics of biomacromolecules to uncover the mechanisms of their functions. We also seek individuals with enthusiasm for promoting collaborative research, nurturing human resources, and teaching students. Furthermore, the successful applicant will be expected to participate in and eventually lead the new research reactor project at the Monju site in Fukui Prefecture, which is being promoted by the institute.

Application Guidelines

I. Position Information

Position	Research Division	Job Description	Requirements
Professor (1 opening)	Division of Radiation Life Science (Laboratory of Biomolecular Structure)	Lead integrated structural biology focused on elucidating the dynamics of biomacromolecules through quantum beam-based techniques (neutron/X-ray scattering), coupled with various experimental and computational approaches. Also contribute to collaborative research and education.*1 Scope of change: Operation of the Kyoto University (education, research, and administration).	No specific requirements

*1 Expected to concurrently serve as a cooperating lecturer in the Division of Physics and Astronomy/ Physics I, Graduate School of Science, Kyoto University.

II. Application Documents

1. In case of self-nomination:

- (1) Curriculum vitae (in PDF format).
- (2) Summary of research and teaching experience.
- (3) List of publications (clearly categorize peer-reviewed journal articles, peer-reviewed proceedings, non-reviewed proceedings, reviews, books, etc. Indicate Japanese-language publications).
- (4) Up to 10 significant publications (indicate applicant's role in co-authored papers).
- (5) List of research grants (indicate funding scheme, PI/co-PI, total amount (for PI only), duration, and project title).
- (6) Letter of recommendation (self-recommendation is also acceptable).
- (7) Statement of motivation and research/education plans, including future collaboration, student training, and engagement in the new research reactor project at the Monju site.
- (8) Additional information (awards, society memberships, patents, outreach, and referees' contact information).
- (9) Submit the above (excluding (6)) on a USB drive. Recommendation letters should be submitted in hard copy.

2. In case of third-party nomination:

- (1) Letter of recommendation
The selection committee will contact the nominee for required documents upon receipt of the recommendation.

III. Application Deadline

Applications must arrive by **Friday, July 18, 2025, no later than 5:00 PM (JST)**.

IV. Gender Equality

Kyoto University strives to increase the share of women in academic positions. Given equal qualifications, preference will be given to female applicants, under the provisions of Article 8 of the Equal Employment Opportunity Act.

In addition, please indicate in the curriculum vitae any periods of interruption in research due to childbirth, childcare, nursing care, etc. The achievements during the period will be reviewed as if the applicant had made the same achievements before and after the period of absence.

V. Submission and Contact Information

Submission address:

General Affairs Section (Personnel Selection Committee)
Institute for Integrated Radiation and Nuclear Science
Kyoto University
Asashiro-nishi 2-chome, Kumatori-cho, Sennan-gun, Osaka 590-0494, Japan
TEL: +81-72-451-2310
Please write "Application documents for Professor position, Division of Radiation Life Science" in red on the envelope and send it by registered mail.

Contact:

Prof. Masaaki Sugiyama (Vice Director, Research), Division of Quantum Beam
Material Science
TEL: +81-72-451-2670
E-mail: sugiyama.masaaki.5n@kyoto-u.ac.jp (*replace * with @)

VI. Selection Process

The final decision will be made by the Advisory board meeting and the Faculty Consort of Integrated Radiation and Nuclear Science Conference after the screening. Shortlisted candidates may be contacted for an interview. The position may remain vacant if no suitable candidate is found.

VII. Start Date and Work Location

As soon as possible following the selection

Location: Kumatori-cho, Sennan-gun, Osaka

If remote work is authorized or required by the university, work-from-home may be permitted.

VIII. Working Conditions

Discretionary labor system, based on 7 hours and 45 minutes (8:30–17:15 work schedule with one-hour break) per day, 38 hours 45 minutes per week. If the university permits or orders telecommuting, one can work from home, etc. If the discretionary labor system is not applied, the employee works from 8:30 to 17:15 five days a week (break 12:00-13:00). There may be cases where one is ordered to work overtime.

Days off: Saturdays, Sundays, National holidays, Year-end and New Year holidays, and Foundation Day.

Maternity leave system and childcare leave system are available. Refer to <https://www.kyoto-u.ac.jp/sites/default/files/inline-files/ikuji-kaigosien0410-c74cf0c42984efbfebcaa3d9475abbe8.pdf>

IX. Term of Employment

No fixed term

X. Salary and Allowances

In accordance with Kyoto University regulations

XI. Social Insurance

- (1) National Public Service Mutual Aid Associations
 - (2) Employee's pension insurance
 - (3) Unemployment insurance
 - (4) Worker's accident insurance
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XII. Trial Period

Six months

XIII. Other

Please refer to our website for information about the organizational structure, faculty members, and research activities of the institute: <https://www.rri.kyoto-u.ac.jp>

After being hired, he or she belongs to the Faculty Consort of Integrated Radiation and Nuclear Science and works at the Institute for Integrated Radiation and Nuclear Science in Kumatori-cho, Osaka, Japan.

Kyoto University prohibits smoking indoors on all campuses and limits smoking to designated outdoor areas to prevent passive smoking.