

(For the website)

Application Guidelines for Tenure-Track Assistant Professor

University of Yamanashi

The University of Yamanashi has been conducting a project called “Base for Fostering Young Research Leaders in Leading-Edge Fields” to establish a new system to foster young research leaders and in this way aims to create a global research base. In this project, the University recruits young researchers (as tenure-track assistant professors) who can be expected to perform outstandingly in leading-edge fields.

The University will provide the accepted applicants with an environment that is conducive for conducting world-class research in our chosen research fields.

Herewith, the University seeks applicants with the spirit of challenge with high creativity and with leadership qualities, with which they could even establish a new research field. For the most highly qualified individuals, there will be the possibility of continuing as a regular faculty member.

1. Research areas and number of positions available

The University of Yamanashi seeks applicants: “creating next-generation research bases.”

Creating Next-Generation Research Bases

Applicants must have the qualities to make further progress in leading-edge studies conducted in the University as a specially-appointed research associate, and to become a “core” in establishing a global research base to conduct research in the relevant areas as a young research leader.

Leading research for crystal bond engineering

1 (one) tenure-track assistant professor

2. Application description

(1) Qualifications required

- 1) Applicants must be young researchers with a PhD degree acquired within the past 5 years and have strong motivation to promote research mentioned in the application requirements of each research field. (including applicants who are expected to receive a PhD by September of 2014)
- 2) For non-Japanese applicants, acquisition of proficient Japanese skills shall be required by the end of the appointment term.

(2) Expected date of employment: The earliest possible date between October 1st, 2014 and March 31st, 2015.

(3) Appointment term: 5 years from the date of employment

(4) Assigned institution: Department of Research, Interdisciplinary Graduate School of Medicine and Engineering, University of Yamanashi

3. Application review and selection process

The selection will be conducted according to criteria given below, which are based on the selection criteria for academics presented in the document “Base for Fostering Young Research

Leaders in Leading-Edge Areas, University of Yamanashi.”

The application documents will be reviewed and pre-interviews may be held at the first stage of selection. And then interviews (including presentations) will be conducted at the second stage of selection.

4. Conditions of employment

(1) Assessments

Assessments will be conducted in the 3rd year of the term and at the end of the appointment term. After successfully passing either of the assessments, those who have strong intention to work for the university for a long period of time will start their careers as a full-time associate professor or a full-time assistant professor.

Furthermore, those who passed the assessment at the end of appointment term would be employed on the date between October 1st, 2019 and March 31, 2020, and those who passed the assessment in the 3rd year of the term would be employed on the date between October 1st, 2017 and March 31, 2018.

(2) Salary

This is an annual salary system. The salary will be determined according to the University regulations, depending on the applicant's age, career and so forth, e.g., approximately ¥5,100,000 to ¥6,100,000.

(3) Research environment, etc.

1) Research funds

Approximately ¥2,000,000 p.a. will be provided as a research fund to each research associate for 5 years.

2) Research environment

In the first academic year, a start-up fund of ¥2,000,000 will be provided. A reasonable research environment will be ensured during the appointment period.

Furthermore, an “International Science Café” will be held for the purpose of contributing to research development and international research exchanges.

3) Research and education activities

Research guidance for graduate school students, teaching fundamental subjects and the promotion of science literacy are highly recommended as a future career, in addition to the advancement of science and technology.

(4) Those who do not have strong Japanese skills may carry out research and education activities using English as their primary language. The institute office and mentors will support their office works. However, in order to gain qualification as a tenured associate professor, a working knowledge of academic Japanese is required.

5. Application Requirements

The University of Yamanashi expects young researchers to work outstandingly in the research areas listed below and seeks candidates who actively conduct research in a variety of fields.

Research area	Criteria required for the research area	
	Applicants must have the qualities to make further progress in leading-edge studies conducted in the University as a tenure-track assistant professor, and to become a “core” in establishing a global research base to conduct research in the relevant areas as a young research leader. Foresight, spirit of challenge, development capability, leadership, and creativity are highly appreciated.	
Leading research for crystal bond engineering (One person)	Criteria required for the research area	Current RD field
	This project promotes leading research for development of novel crystalline materials which provide a platform for the future generation information society. The project seeks a motivated researcher with experiences in fields related to growth technology of crystalline thin films such as semiconductor heterostructures and characterization methods of crystal structure and electrical properties. The research is also expected to have fundamental knowledge in a wide range of fields which material science consists of.	Crystal Engineering, Quantum Engineering, Solid State Physics, Crystal Structure Analysis, Electrical Characterization

6. Documents to be submitted and application method

(1) Documents to be submitted

Documents corresponding to the following (2) and (3) should be submitted in A4 size.

Unless the applicant’s native language is Japanese, it is possible to apply in English.

(2) Application form (please download the form.)

(3) Research plan and prospects

Any format can be used for the following documents (i) to (iv) without page restriction, but the area to be applied and your name should be printed.

(i) Summary of past research activities and achievements

(ii) Research plan and goal

(iii) Image of ideal researchers for the applicant

Please address these questions: Who are your ideal researchers, or what kind of a researcher would you like to be, in the near future. Please also include your research motto, philosophy, and items to be taken into account to conduct your research.

(iv) List of major research achievements

Please specify peer-reviewed papers.

Please attach separate prints of approximately five major papers (photocopies acceptable).

Presentations at conferences, activities in academic and general societies, awards and so forth may be included.

(4) Submission method

All documents should be sent by registered mail to:

Young Researchers Support Office,

c/o Organization for Social Collaboration and Research Promotion,

University of Yamanashi
4-4-37 Takeda, Kofu, Yamanashi 400-8510, Japan

On the front of the envelope, please write “Application for Specially-Appointed Research Associate” in red.

(5) Submission deadline: Not later than 17:00 JST on July 25th, 2014

<<Contact information>>

(For questions regarding each research area)

Leading research for crystal bond engineering

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(For questions regarding general affairs)

Young Researchers Support Office,

Base for Fostering Young Research Leaders in Leading-Edge Areas,

University of Yamanashi

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