Important notice on the application

Regarding the application of Tenure-Track program of Advanced Scientific Research Leaders Development Unit, we have extended the deadline of the application for #5 Silicon Chemistry as shown below.

Deadline for Electronic Files: **November 30, 2010, 17:00 (JST)**
Deadline for printed materials: **December 3, 2010**

With this correction, following points of the Guidelines for Applicants (from page 2 of this file) were changed.

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4. **Term of Employment**
   Successful applicants will be employed from **March 1, 2011** to March 31, 2015.

5. **Beginning of Employment**
   Successful applicants must take their position between **March 1, 2011** and March 16, 2011.

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13. **Deadlines**
   Deadline for Electronic Files: **November 30, 2010, 17:00 (JST)**
   Deadline for printed materials: **December 3, 2010**

   Note that the deadline of 17:00 refers to Japan Standard Time. See 15 below for further details.

14. **Selection of Candidates**
   (3) Final decision will be informed by post till the middle of February 2011.
July 30, 2010

Tenure-Track Program

Advanced Scientific Research Leaders Development Unit

Gunma University

Gunma University seeks qualified researchers in medical sciences and engineering from 2010 through 2014. Under the auspices of the *Improvement of Research Environment for Young Researchers Program* by the Ministry of Education, Culture, Sports, Science and Technology of Japan (MEXT), the University offers three (3) positions as Young & Ambitious (YA) Associate Professors and four (4) positions as YA Assistant Professors.

Overview

The University has established an *Advanced Scientific Research Leaders Development Unit*, a program which extends beyond the University’s current organizational structure and research system (see: http://hospital.med.gunma-u.ac.jp/advancedmed/). The Unit’s purpose is to nurture leaders capable of conducting research and teaching in state-of-the-art fields of science and technology under a new tenure-track system.

The tenure-track system offers qualified young researchers a career path to carry out their work in an autonomous research environment. Young researchers who demonstrate outstanding achievement in their fields then
become eligible for full-time, tenured posts in three categories: lecturer, associate professor, or full professor.

Research funds of 6,000,000JPY per annum will be allocated to YA Associate Professors and 3,000,000JPY per annum to YA Assistant Professors. Additionally, start-up funds will be provided during the first year following appointment, specifically 5,000,000JPY for YA Associate Professors and 3,000,000JPY to YA Assistant Professors. Offices and laboratory space will also be provided by the University. YA Associate Professors will be allocated about 60 m$^2$ and YA Assistant Professors will receive about 40 m$^2$. In addition, YA Associate Professors will also be provided with one (1) research assistant. It should be kept in mind, however, that annual allocations of research grants and office and laboratory space are subject to change depending on the annual budgets allotted to the MEXT as well as periodic reviews of research and educational activities.

All YA program appointees will be provided access to laboratories shared by Education and Research Support Center Graduate School of Medicine and Center for Material Research by Instrumental Analysis Graduate School of Engineering. For further information regarding these facilities, refer to the link above. These Centers will be instrumental in making a research project plan (to be submitted after employment) and in developing research proposals to secure external funding.

A Mentor Advisory System has been established to support YA staff (YA Associate Professor and YA Assistant Professor). The team of advisors comprises university professors, external advisors (non-university professionals), and consultants (specialists from overseas).

1. Positions Offered

3 YA (Young & Ambitious) Associate Professors
4 YA Assistant Professors
YA staff will belong to one of two “teams” which conducts research in a specialized field under the umbrella of The Advanced Scientific Research Leaders Development Unit. *The Advanced Medicine / Bioscience Research Team* will research medical science and is located at the School of Medicine’s Showa Campus. *The Advanced Engineering Research Team* focuses on science and engineering and is located on the Faculty of Engineering’s Kiryu Campus.

The following positions are being recruited:

*Advanced Medicine / Bioscience Research Team*: two (2) YA Associate Professors and three (3) YA Assistant Professors.*

*This allotment is provisional, i.e. there are a total of 5 (five) positions on the Advanced Medicine / Bioscience Research Team. The final number of posts of Associate Professor and Assistant Professor will be determined by the qualifications of the applicants.*

*Advanced Engineering Research Team*: one (1) YA Associate Professor and one (1) YA Assistant Professor.

2. **Affiliation**

Appointees will belong to the *Advanced Scientific Research Leaders Development Unit*

3. **Qualifications**

- Applicants are required to hold a PhD, and to have held an academic position as a research assistant, associate professor, or postdoctoral fellow (or their equivalent). Applicants must apply within 10 years of having received their PhD (*please see “Recruitment information Q & A” for details*).
- Applicants should have an outstanding record of achievement in a
field of research noted in category 6 below.

4. **Term of Employment**

   Successful applicants will be employed from December 1, 2010 to March 31, 2015.

   The performance of YA staff will be assessed periodically by the Unit’s Review and Assessment Committee (URAC). Those who successfully complete the tenure evaluation process by URAC according to the Gunma University Tenure Regulations will be newly appointed as full-time tenured members of Gunma University at/before the end of the five-year program.

5. **Beginning of Employment**

   Successful applicants must take their position between December 1, 2010 and March 16, 2011.

6. **Fields of Research**

   Gunma University seeks YA scientists in the fields of research below. It is hoped these independent posts will nurture young research leaders and promote state-of-the-art research by a new generation of researchers. Applicants able to demonstrate their capabilities in their fields are encouraged to apply.

   *Advanced Medicine / Bioscience Research Team*

   **Recruitment #1**: Position: one (1) YA Associate Professor or YA Assistant Professor in the field of Medical Information

   **Recruitment #2**: Position: one (1) YA Associate Professor or YA Assistant Professor in the field of Radiation Biology

   **Recruitment #3**: Positions: three (3) YA Associate or Assistant Professors in
the following fields of research: lifestyle diseases, neuroscience, other field of medical science / bioscience

*Advanced Engineering Research Team*

Recruitment #4: Position: one (1) YA Associate Professor or Assistant Professor

   Fields of research: a wide range of research in bioorganic chemistry based on peptide chemistry

Recruitment #5: Position: one (1) YA Associate Professor or Assistant Professor

   Fields of research: a wide range of silicon-related chemistry

7. **Duties**

(1) Carry out a proposed research project plan submitted after employment
(2) Advise research activities of graduate or undergraduate students and participate in the teaching of graduate or undergraduate class related to the applicant’s field of research
(3) Publish research findings
(4) Present findings at international conferences
(5) Apply for and obtain external research grants
(6) Assist organizing symposia sponsored by the *Advanced Scientific Researcher Leaders Development Unit* and present findings there
(7) Other administrative activities deemed necessary by the *Unit Steering Committee*

8. **Working Conditions**

(1) Appointees will be located either on the Gunma University Showa Campus (*Advanced Medicine / Bioscience Research Team*) or on the Kiryu
Campus (Advanced Engineering Research Team).

(2) Appointees are subject to Gunma University employment regulations.
(3) University regulations apply to inventions and/or discoveries produced while on the job. Subsequent intellectual property rights belong to the University.

9. Salary*

(1) YA Associate Professors’ income shall be between 7,000,000JPY and 8,000,000JPY (commensurate with academic and career qualifications), including taxes and housing allowance.
(2) YA Assistant Professors’ annual income shall be between 5,000,000JPY and 7,000,000JPY (commensurate with academic and career qualifications), including taxes and housing allowance.
* These figures are current as of July 1, 2010

10. Research Funds and University Support

(1) During the first year 11,000,000JPY (including the start-up fund) will be allocated to YA Associate Professors. From the 2nd year, funds will be 6,000,000JPY per annum. YA Assistant Professors will receive 6,000,000 JPY (including the start-up fund). From the 2nd year, funds will be 3,000,000JPY per annum. A floor space of about 60 m² (including office space and experimental laboratory space) is provided for YA Associate Professors. YA Assistant Professors will receive about 40 m² (including office space and experimental laboratory space). The allocation is subject to change based on the fiscal budgets provided to MEXT as well as periodic performance assessments.
(2) YA Associate Professors will be provided with one (1) research assistant.
(3) Support is available to YA staff via the Mentor Advisory System.
(4) Paid holidays and a system of leave (marriage, pre- and post-natal,
child-rearing, reduced working hours for childcare, nursery and health care, care of sick family, bereavement, sick leave and others) are available.

11. Obtaining a Tenured Post

At the completion of five years, the performance of YA Associate and Assistant Professors will be reviewed by the URAC, according to the Gunma University Tenure Regulations. Successful candidates will become full-time faculty members from April 2015. Should YA Associate or Assistant Professors be determined to be fully qualified at a time during the 5-year employment period, he/she may be hired as a full-time member of the teaching faculty prior to the end of the five-year program.

12. Application Materials (can be written in English or Japanese)

A) The following items must be submitted electronically.

(1) A Curriculum vitae with your recent photograph and the list of publications and the list of scientific research fund grants received during the past 10 years
(2) A Statement of Purpose of approximately 2000 words regarding research and educational goals. On the Statement of Purpose, indicate which section of recruitment is being applied for [Recruitment No. # ]

B) The following printed items must be sent by registered mail or courier service.

1) Hard copies of the materials in 12 A) above
2) Copies of up to 10 publications
3) A letter of recommendation

13. Deadlines
Deadline for Electronic Files: **September 29, 2010, 17:00 (JST)**
Deadline for printed materials: **October 5, 2010**.

Note that the deadline of 17:00 refers to Japan Standard Time. See 15 below for further details.

**14. Selection of Candidates**

(1) Selection will be determined by the examination of application materials.
(2) Applicants may be required to interview and/or make a presentation.
   * Applicants will be informed at a later date with details when an interview and/or presentation be required.
(3) Final decision will be informed by post in early November 2010.

**15. Submitting Application Materials**

(1) Application forms must be in MS Word or PDF format and uploaded to the website of the Gunma University Graduate School of Medicine ([http://hospital.med.gunma-u.ac.jp/advancedmed/en/](http://hospital.med.gunma-u.ac.jp/advancedmed/en/)) Sizes of uploaded files are limited to 12 megabytes.
(2) Send hard copies of all application forms (materials should be identical to those already sent electronically), copies of up to 10 publications and a letter of recommendation to the address below. On the envelope, indicate “Young Ambitious Scientists Program, Recruitment #”

Personnel Office  
General Administration Division  
Showa District Business Department  
National University Corporation Gunma University  
39-22, 3-chome, Showa-machi
Maebashi-shi, Gunma 371-8511 Japan

16. For further information, please use the "contact form" of the "Contact Us" page of our website (https://hospital.med.gunma-u.ac.jp/advancedmed/en/contact.html).

Personnel Office, General Administration Division, Showa District Business Department, National University Corporation Gunma University
E-mail: m-jinji@jimu.gunma-u.ac.jp