

**Job Opening for Nine Assistant Professors in Pioneering Interdisciplinary Sciences
Ochanomizu University**

How to Apply

1. Title and Status:

Program-Specific Assistant Professor of Ochanomizu University with a fixed term of employment

2. Term of Employment and Promotion:

The first term is from the appointment day (early December, 2007, at the earliest) to March 31, 2009. The term will be extended to March 31, 2012, based on the interim assessment of the research record. Based on the final assessment by the Selection & Evaluation Committee of Ochanomizu University, the employed assistant professors will obtain tenure and be promoted to associate professor if their research achievements are regarded as excellent.

3. Objectives and job description:

For 3-5 years, each employed assistant professor is expected to lead and manage a research project as PI (Principal Investigator), and to enhance frontier scientific activities and education with outstanding faculty members in the Division of Advanced Interdisciplinary Sciences, which was newly established in the Graduate School of Humanities and Sciences in April, 2007, in order to prioritize creative and innovative research and entrepreneurship.

An interim assessment will be made based on excellence in research results to judge the continuation of the job contract. A final assessment will also be made within the 5th year.

4. Research fields:

Fields	Key Words
Bioinformatics	Comparative genomics, Biomolecular interaction, Dynamic structural biology, Systems biology, Machine learning, Natural language processing
Quantum Information Science	Quantum communication, Entanglement, Non-equilibrium systems, Basis of quantum machines
Simulation Science	Numerical simulation for environmental sciences, Computer graphics and visual computing, Computational sciences (physics, chemistry, fluid dynamics, etc.)
Soft-Matter Science	Non-equilibrium and Non-linear Phenomena, Phase transition, Rheology, Biological materials, Theory and simulation
Supramolecular Chemistry	Medicinal chemistry, Structural organic chemistry, Molecular devices and machines, Bioactive molecules
Ubiquitous Computing	Smart house, Human interface, Augmented reality, Context-aware computing, Mobile-wearable computing
Above-related basic and applied sciences	Above-related key words

5. **Salary:** The salary after social insurance contribution, tax and benefits is about ¥6,200,000 per year.
6. **Research funds:** Between ¥1,000,000 and ¥10,000,000 per year including equipment. The program-specific assistant professor can apply for competitive research funds in Japan. For research assistance, one post-doctoral level program-specific research fellow is employed, if necessary.
7. **Working style:** Full-time, discretionary labor system

8. Application and selection

(1) Qualifications:

Candidates should hold Ph.D. degrees granted within the past 10 years (as of August 1, 2007), and have outstanding research experience and excellent ability to perform creative and independent research.

(2) Submission of application documents:

- a. Application form (*Please use the Application Form on page 4 of this manual of “How to Apply”.)
- b. Curriculum vitae (including education record from university and employment/research record with month/year, and full-face photo)
- c. Recommendation letters (2 or more. Please indicate the contact e-mail addresses and affiliations of the recommenders who we can contact as occasion arises.)
- d. General outline of previous research achievements (up to 5 pages including key words)
- e. List of achievements (publications, invited talks, awards)
- f. Description of research plan for the program (about 2 pages)
- g. List of facilities and equipment necessary for the research
- h. List of grants previously acquired and currently applied
- i. Offprints or photocopies of major papers (up to 5 papers)
- j. Other references (patents, etc.)

(3) Submission deadline and selection schedule

- a. **Submission deadline** of application documents: October 1, 2007
- b. **Selection schedule:**
 - 1st review: in October, 2007
 - 2nd review: from the end of October to the end of November, 2007
 - Announcement of successful appointment:** early December, 2007
 - Contract of Employment:** from early December, 2007(There will be a possibility of delay.)

c. Mail address for submitting the application

Please send your application to

President Mitiko Go, Ph.D.
Ochanomizu University
2-1-1 Otsuka, Bunkyo-ku, Tokyo 112-8610, JAPAN

Mailing should be registered. On the envelope, please write “**Application for Assistant Professor**” in red.

d. Miscellaneous

All submitted materials will NOT be returned to applicant as a rule.
First review will be made based on the submitted application documents.
Following this, shortlisted candidates will have an oral examination at Ochanomizu University, Japan. The university covers the cost of travel, if necessary. The Ochanomizu University Academic Production will correspond with successful applicants to prepare for the recruitment. There will be an initial settlement allowance paid to the appointees under our payment regulations. The university will assist, to the best of our ability, in housing, nursery, elementary education for children and other matters, if necessary.

e. Inquiry

For further inquiries, please fax or e-mail either to;
Prof.Dr. Fumiaki Shibata (Head of Ochanomizu University Academic Production) or
Prof. Noriko Shiomitsu
Ochanomizu University Academic Production
fax: +81-3-5978-5648
e-mail: acpro@cc.ocha.ac.jp

9. Other information

Ochanomizu University Website:
<http://www.ocha.ac.jp/index-e.html> (English)
<http://www.ocha.ac.jp> (Japanese)

Application Form

Research fields	
Keywords	
Name	
Sex	
Date of Birth	
Address	
Phone	
e-mail	
Nationality	
Degree	