

*Ochanomizu University Program for Researchers
to Promote Creative and Independent Research*

*Job Opening for Post Doctoral Fellows (Research Fellows)
In Pioneering Interdisciplinary Sciences*

*President of Ochanomizu University
Mitiko Go, Ph.D.*

This program aims to develop the capacity of young researchers in research ability, educational and management skills to challenge in such pioneering interdisciplinary sciences like Bioinformatics, Quantum Information Science, Simulation Science, Soft-Matter Science, Supramolecular Chemistry, Ubiquitous Computing and related fields of fundamental and applied sciences.

Ochanomizu University, a National University Corporation in Japan, invites applicants for Post Doctoral Fellows (Research Fellows) working with the Assistant Professors who take the initiative on research of the Program mentioned on the face.

This program is funded by a five-year Special Coordination Fund for Promoting Science and Technology of the Japanese Ministry of Education, Culture, Sports, Science and Technology (from July 2007 to March 2012).

Condition of Employment

1. Position: Program-specific Research Fellow (Post Doctoral Fellow) with a fixed term employment

2. Research areas and the corresponding Assistant Professors

A-1. Bioinformatics (Assistant Professor Atsushi Ogura, from March 2008)

Key words: gene-expression and analysis/ biodiversity and evolution/ experienced person of microarray experiment and gene experiment

A-2. Bioinformatics (Assistant Professor Jesper Jansson, from March 2008)

Key words: comparative genomics / phylogenetics / efficient graph algorithms

B. Quantum Information Science (Assistant Professor Rina Kanamoto, from March 2008)

Key words: theory of quantum optics/ cooled atom and condensed molecular materials/
application to quantum information

C. Simulation Science (Assistant Professor Hiroto Mori, from February 2008)

Key words: large-scale relativistic quantum chemical calculation/ fragment molecular
orbital method/ biomolecules with metal

D. Soft Matter Science (Assistant Professor Hiroshi Kori, from March 2008)

Key words: dynamics of non-linear phenomena/ synchronization phenomena

E. Supramolecular Chemistry (Assistant Professor Reiko Sadamoto, from March 2008)

Key words: chemical biology/ bio-related chemistry/ cell surface engineering

F. Ubiquitous Computing (Assistant Professor Koji Tsukada, from March 2008)

Key words: real-world oriented/ human computer interaction/ prototyping/ human
interface device

G-1. Related basic sciences (Assistant Professor Hiroko Sano, from March 2008)

Key words: biosciences/ Drosophila/ developmental genetics/ organ formation

G-2. Related basic sciences (Assistant Professor Kazue Kudo, from January 2008)

Key words: non-linear and non-equilibrium/ quantum spin system/ pattern formation

3: This program aims to invite applicants for Post Doctoral Fellows (Research Fellows) working with the Assistant Professors who take the initiative on research of the Program mentioned on the face. The research fellows are also expected to become researchers who can develop pioneering research areas throughout this program.

4: Term of Employment: The first term is from the appointment day to March 31, 2008 or to March 31, 2009 depending on the first appointment day. An employment contract is of one year's duration and may be extended beyond one year until March 2012.

5: Annual Salary: 4,200,000 JP yen (Social Insurance contribution, tax and the benefits are excluded in the salary.)

6: Working style: Full-time, discretionary labor system

7: Eligibility applicants: Postdoctoral researchers or equivalent.

8: Application and Submission: Submit the application documents required via global priority mail and choose your research area from A-1 to G-2.

a. Curriculum vitae (including education record from university and employment/

research record with month/ year, and full-face photo)

b. Recommendation letters (2 persons. Please indicate the contact e-mail addresses and affiliations of the recommenders whom we can contact as occasion arises.)

c. General outline of previous research achievements (up to 5 pages including key words)

d. List of achievements (publications, invited talks, awards)

e. Offprints or photocopies of major papers (up to 5)

f. List of grants previously acquired and currently applied

g. Other references (patents, etc.)

9: Selection schedule

Results of the 1st selection will be informed only to the applicants who pass the selection. We will not respond in intermediate processes of the selection. Final results will be announced to the applicants.

10: Submission deadline of application documents

March 5, 2008

11: Address of Submission

2-1-1 Otsuka Bunkyo-ku, Tokyo 112-8610

President Michiko Go,

Ochanomizu University

(Mailing should be registered. On the envelope, write “Application for Post Doctoral Fellows” in red.)

12: Inquiry

Academic Production Office:

Professor Fumiaki Shibata (acpro@cc.ocha.ac.jp)

13: Other Information

Ochanomizu University Website:

In Japanese: <http://www.ocha.ac.jp/>

In English: <http://www.ocha.ac.jp/index-e.html>