



Nine Tenure-Truck Assistant Professor Positions

Grant to Promote Young Scientists' Independent Research

Ochanomizu University, Japan



The Division of Advanced Interdisciplinary Sciences, newly established in April, 2007, is promoting creative and innovative research and entrepreneurship.

Research fields:

- (a) Bioinformatics
 - (b) Quantum Information Science
 - (c) Simulation Science
 - (d) Soft-Matter Science
 - (e) Supramolecular Chemistry
 - (f) Ubiquitous Computing
- and related basic and applied sciences

Qualifications:

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

Term:

The initial appointment will start from 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. Pending the final assessment within the 5th year, the successful candidates will be tenured.

Title: Program-Specific Assistant Professor

Number of positions: 9

Research Place: Bunkyo-ku, Tokyo, Japan

Deadline for application: **October 1, 2007**

For details, please visit the following website:

<http://www.cf.ocha.ac.jp/acpro/>

For further inquiries,

please e-mail to acpro@cc.ocha.ac.jp.





Nine Tenure-Truck Assistant Professor Positions

The program aims to develop the capacity of young researchers in terms of research ability and management skills to challenge the following new prioritized research fields and expand scientific frontiers, and to support the assistant professors to obtain tenure with promotion to associate professor.

The program seeks outstanding young researchers with excellence in research, education, and management, expecting them to independently lead pioneering research projects.

It strongly welcomes active applications from female post-doctoral researchers and researchers abroad.

The program provides research support such as funding and space. In addition, the university provides each assistant professor a program-specific research fellow at the post-doctoral level, if necessary. The assistant professor will be able to participate in the process for selecting a program-specific research fellow.

The university assists, to the best of our ability, in housing, nursery, education for children and other matters, to enable them to enjoy life in Tokyo.

《Research Fields and Key Words》

Research 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