

Openings for Global COE Postdoctoral Fellows and Global COE Research Fellows in Ehime University

Ehime University invites applications from highly-motivated researchers to promote the Global COE program "Center for Advanced Experimental and Theoretical Deep Earth Mineralogy" supported for the fiscal years 2008-2012 by the Japan Ministry of Education, Culture, Sports, Science and Technology (MEXT). Each researcher, employed either as Global COE Postdoctoral Fellow or Global COE Research Fellow, will be expected to conduct world-leading experimental or theoretical researches on deep Earth mineralogy with particular emphasis on (i) lower mantle mineralogy, (ii) core materials, and (iii) deep Earth water. Successful applicants are also requested to strongly contribute to the principal research objectives of the Global COE program, beyond their individual research specialty.

- 1. Positions:** Global COE Postdoctoral Fellows and Global COE Research Fellows
Global COE Postdoctoral Fellows with excellent research achievements can be promoted to Global COE Research Fellows during the period of their employments.
- 2. Capacity:** About 4-5 Global COE Postdoctoral Fellows and Global COE Research Fellows
- 3. Research Fields:** Advanced experimental and theoretical studies on structure, physical properties, chemical composition, dynamics, and evolution of the Earth and planetary deep interiors. Successful applicants should have strong background and research ability in experimental and/or computational sciences, such as (1) ultra high-pressure experiment, (2) synchrotron light/neutron beam experiment, (3) spectroscopic chemical analysis and (4) first-principles computations. The applicants are expected to conduct cutting-edge studies in deep earth mineralogy and relevant research fields, and should be highly-motivated in developing new interdisciplinary research fields.
Global COE Research Fellows are required to contribute to the education programs of the present COE. Some Postdoctoral Fellows may also be requested.
- 4. Terms:** Term of Global COE Postdoctoral Fellows will end on March 31st, 2010, and can be renewed on a year-by-year basis.
Term for Global COE Research Fellow will last three years from their appointments, and can be renewed.
Terms cannot be renewed beyond the accomplishment of the COE program (March 2013).
- 5. Salaries:** Approximately 4.5 million yen per year for Global COE Postdoctoral Fellow.
Approximately 5 million yen per year for Global COE Research Fellow.
These may slightly vary depending on the applicant's scientific career.
- 6. Starting Dates:** April 1st 2009, or later at the earliest possible dates.

7. Qualifications: Applicants must have a Ph.D. (or equivalent) by the time of employment. Nationality of the applicants will not be considered.

- 8. Documents for submission:**
- i. Curriculum Vitae with a photo (provide the e-mail address)
 - ii. A list of the research achievements (parted into sections of peer-reviewed research papers, books and book sections, patents, invited lectures, and awards)
 - iii. Reprints or duplicates of up to 3 selected research papers
 - iv. Summary of the research achievements so far (up to 2 pages)
 - v. Research plans for the contributions to the Global COE program (up to 2 pages)
 - vi. Name, contact address, affiliation, and position of a person who knows well about the applicant.
 - vii. Requests (if any) of the employment, including the time and position of the appointment.
Applicants should declare themselves if they accept employments either as Global COE Postdoctoral Fellows or Global COE Research Fellows.

The name of applicant should be indicated on each item above (except iii.). The submitted materials will not be returned.

9. Deadline for application: Must arrive by February 13th, 2009.

10. Contents of selection: Screening by the application documents. Personal interview is possible when necessary.

11. Address for submission: Administrative Office, Geodynamics Research Center, Ehime University

2-5 Bunkyo-cho, Matsuyama, Ehime, 790-8577 JAPAN.

12. Contact address: Professor Tetsuo Irifune (Leader of Global COE program)

Geodynamics Research Center, Ehime University

2-5 Bunkyo-cho, Matsuyama, Ehime, 790-8577 JAPAN.

e-mail: irifune @ dpc.ehime-u.ac.jp

<http://www.ehime-u.ac.jp/~grc/>

13. Other support programs: The present Global COE program will offer following training programs for young scientists:

1. International training at the overseas research institutes,
2. Travel supports for presenting the research achievements at scientific meetings,
3. Financial supports for the outstanding research projects by young scientists.

Geodynamics Research Center of Ehime University also offers two positions for assistant professors. The candidates can apply to both of these and the present COE-related positions, but must submit the requested documents separately to each address.