

Misasa International Student Intern Program 2005

**at the Institute for Study of the Earth's Interior (ISEI),
Okayama University, Misasa, Japan**

---Application Information---

About the institute

The Institute for Study of the Earth's Interior (ISEI) is a leading institute well equipped with state-of-the-art experimental and analytical facilities; active researches are being conducted in the basic research areas of high-pressure and temperature materials science, isotope and trace element geochemistry, and high-resolution geochronology, aimed at understanding the origin, evolution and dynamics of the Earth. The institute is rapidly developing into an international research center for solid earth sciences through the embarkation of the Center of Excellence for the 21st Century (COE-21) program (Program Leader: Professor Eizo Nakamura), sponsored by the Ministry of Culture, Sports, Science and Technology of Japan (MEXT) in July, 2003, and is now constantly the host to a significant number of leading and young collaborative researchers from worldwide. The institute is located in Misasa town, which is well known in Japan for its hot-spring spa. For more information about members and researches at ISEI and its surroundings, please visit the following website:

<http://www.misasa.okayama-u.ac.jp>

About the program

The first annual Misasa international intern program for advanced undergraduate ((3rd to 4th year) and M.Sc. students has been planned as part of the COE-21 program to promote international collaborative research and education. The intern program will be held from February 23(Weds) to March 23 (Weds), 2005. During the four-week program, students will be given the opportunity to acquaint themselves with the cutting-edge research facilities and activities at ISEI, and to conduct research using these facilities on a project in one of the areas of (1) geochemistry and geochronology, (2) ultra-high pressure phase equilibria and mineral physics, and (3) physicochemical properties of magmas. The individual research projects will be carefully designed, taking into consideration of the participants' educational background, research experience and

interests, and will be supervised by a team consisting of one or more faculty members and postdoctoral fellows. All the students will also participate in the Misasa International Symposium on "Origin, Evolution and Dynamics of the Earth" (MISASA-1) to be held in Misasa on March 5-6, 2005, which will feature guest talks by distinguished scientists, and oral and poster presentations by ISEI members and scientists from all over the world. At the conclusion of the program, an intern symposium will be held for all the participants to deliver oral presentations of their work. Communications will be made in English.

Eligibility

The program is open to advanced undergraduate ((3rd to 4th year) and M.Sc. students majoring in earth sciences, physics, chemistry, materials sciences, or related fields, who have a strong interest in a career of scientific research. Students from either within or outside Japan, regardless of nationality, are eligible to apply. Communication skill in English is required.

Financial support

Travel expenses and daily allowance will be fully covered, and accommodation in the Misasa guesthouse will be provided.

Number of participants:

About 10.

Application procedure

Potential applicants are encouraged to consult with an ISEI faculty member whose research is of interest, prior to formal application.

To apply, please send application materials by November 30 (Thurs), 2004. Notification of acceptance will be made by December 13 (Thurs), 2004. The application should be prepared in English and include the following items:

1. A resume including your contact information, university, educational background, past work and/or research experience,
2. A short essay including a description of your scientific interests, a summary of why you wish to participate in the intern program, and a statement of research in which of the three areas you would like to pursue: (1) geochemistry and geochronology, (2) ultra-high pressure phase equilibria and mineral physics, and (3) physicochemical properties of magmas. Students who have a strong desire to work on a particular project are encouraged to also include a research proposal.

3. A letter of recommendation from a scientist who is familiar with your academic work. For those whose first language is not English, the letter should include an evaluation of the applicant's English efficiency.

Contact information

The application should be sent by either e-mail or air mail to:

Ms. Yoshiko Nakano

Secretary, Institute for Study of the Earth's Interior

Okayama University

Misasa, Tottori, 682-0193 Japan

e-mail: coe@misasa.okayama-u.ac.jp

For inquiries concerning the intern program, please contact Dr. Xianyu Xue, the program coordinator (xianyu@misasa.okayama-u.ac.jp) or any other ISEI faculty members.