



Engineering Ceramics Division



Global Engagement in Ceramic Science and Technology (GECST) Program

Objectives:

The main objectives of this program are to encourage, develop, and promote students and young professionals in the field of ceramic science and technology through their active involvement and participation in the Engineering Ceramics Division (ECD) of the American Ceramic Society (ACerS). This program will also develop and foster cooperation among young professionals from different parts of the world.

Approach:

The ECD-GECST Program will provide Global Graduate Researchers Network (GGRN) Membership support to groups of students at certain locations for up to four years maximum for each student (depending on their level of graduate study and anticipated graduation date). These memberships will enable graduate students to become members of ECD and ACerS.

It is also expected that the host institution and professor will match support offered by the GECST Program. For example, if ECD is providing 10 students with their four years of membership, then the host institution/professor should provide the membership for 10 additional students. However, this requirement can be waived by the division leadership on a case by case basis.

Application Procedure:

To apply, professors, or applicants who have or know students to be considered for the GECST Program should provide to the ECD Secretary, Manabu Fukushima (manabu-fukushima@aist.go.jp), a request for sponsorship of their students, using the Application Form. The request should state the anticipated benefits, list the students, their graduate degree being pursued and their expected graduation date, and the level of matching memberships that the professor/University plans to provide. Once approved by the ECD leadership, the professor must ensure that a GGRN application form for each GECST student is submitted (through email to the ECD Secretary or by submitting online). The program is open to all. However, in the event that the number of GECST sponsorships become limited, prioritization will be given to underrepresented regions and organizations. For questions about the program, please contact the ECD Secretary..

Annual Report and Professional Development Updates:

It is expected that the lead professor will provide a brief annual update to ECD leadership that reports the activities and accomplishments of their students supported by the ECD-GECST Program. The report is to provide feedback to ECD on the benefits obtained by the students due to their membership in the ECD-GECST Program. Reportable items may include student recognitions, conference presentations at ECD and ACerS sponsored meetings, symposium co-organization, student leadership, and positive networking. Also, an updated list of the students who are sponsored by the program should be provided along the graduate level degree being pursued and the anticipated years remaining until graduation.