

Undergraduate Earthquake Reconnaissance Team



Applications are now being accepted for the Undergraduate Earthquake Reconnaissance Education Program. Post-earthquake reconnaissance is highly regarded as an effective means of improved understanding of structural systems that leads to rapid advancement in the field of engineering. Early career participation in reconnaissance is expected to have a profound influence on one's professional development. Eight participants and four alternates will be selected and trained in preparation for deployment following a significant earthquake to assess and document damage to infrastructure. Once selected, team members will be trained online in post-earthquake structural assessment and will be part of a team ready to travel on short notice for a 7 – 10 day mission anywhere in the world. Team members will assist in authoring a post-mission team report and making a presentation at their respective universities. Eligible applicants must be undergraduate Juniors or Seniors in a Civil or Structural Engineering program in the United States and available for the mission through August 31, 2012. If the mission does not occur in the 2011-12 academic year, selected juniors in good standing may reapply and will be given priority for the 2012-

13 academic year. Applicants shall demonstrate evidence of satisfactory progress toward a degree in Civil Engineering, with emphasis in Structural Engineering.

Applications should be sent to Justin Marshall (jdmarshall@auburn.edu) in a single pdf file by November 30, 2011. The application must include the following: 1) Complete Contact Information, 2) 1-page Essay (Describe your qualifications and interest in participating in Earthquake Reconnaissance), 3) Unofficial Transcript, and 4) Recommendation Letter. At most one team member will be selected from any school. Students from underrepresented groups are especially encouraged to apply. Questions may be referred to Keri Ryan (klryan@unr.edu) or Justin Marshall. The National Science Foundation is funding this program through the project, "Collaborative Research: An Innovative Gap Damper to Control Seismic Isolator Displacements in Extreme Earthquakes" (NSF Award No. CMMI-1100922 and CMMI-1101105).

