

Abstract for the ED FIPSE Project Title Form

This Consortium will develop internships with US and Brazilian companies and exchanges of undergraduate, graduate students, and faculty between the four partners. Curricular development in Agricultural and Biological Engineering appropriate to the core competencies and needs of partner institutions will be a major ongoing activity of the faculty co-PDs. Outcomes include joint curricular development to accommodate both semester-long exchanges and formalized international internships.

Targeted US students include: advanced undergraduate and beginning graduate students for engineering internships; 2nd or 3rd year students for semester-long study in Brazil; and all levels for short-term faculty-led project-based study tours funded separately from FIPSE. Brazilian students targeted include advanced undergraduates. Targeted faculty include those with interest in the curricular development component, language, culture and mutual research interests in agricultural and biological engineering.