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Department
Engineering Fundamentals

Liaison
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2016 Diversity Initiatives and/or Goals:
- First-Year Engineering Courses: Maintain a learning environment that is welcoming to and supportive of all students. Note on EF student body: EF is the academic home for EGN students (engineering undecided, 20-25% of first time freshman engineering students) and EBS students (Bachelor of Science in Engineering, 3-4 students), but Engineering Fundamentals provides the first-year engineering program for all engineering disciplines.
  - Arrange for the First-Year Engineering Lecture to have a speaker who addresses the importance of diversity in the students' engineering career. Place an importance on having a speaker from an underrepresented group in engineering. Ensure that the speaker will inspire our first-year engineering students to be models for diversity and inclusion.
  - Ensure that course content materials used in first-year program courses are gender neutral or that references to engineers are as frequently feminine as they are masculine. Ensure that materials/examples reflect race and ethnic diversity. Ensure that examples, homework, and projects span all engineering disciplines and are not heavily weighted to the mechanical/civil/electrical disciplines. Make sure the classroom environments (EF computer labs) are clean and free of any materials (e.g., postings on walls/bulletin boards) that may be offensive to underrepresented groups.
  - Advertise the Bachelor of Science in Engineering degree program broadly so that all students are aware of this engineering degree option. The BSE program offers students an option to tailor their degree curriculum to suit career goals when that cannot be done within a discipline degree program. This offers students a flexible, learner-centered pathway, which is likely to be attractive to students from underrepresented groups.
- Faculty Diversity: Make hiring and maintaining a diverse faculty a priority. Engineering Fundamentals currently has gender diversity (7 female and 5 male, including the chair). This can be accomplished through faculty searches and the promotion/review process.
- Department Environment: Create/maintain a departmental environment that is welcoming and supportive of all faculty and staff.