

## **Work-based learning opportunities**

### **1- Career presentation**

This can be a series of presentations from staff/clients that talk about the different roles of innovation in engineering. This will include primarily current or past practitioners well versed in innovation from the evolutionary to revolutionary ends of the innovation continuum.

### **2- Guest Speakers**

Guest Speakers will be onsite visitors that can present to classes for 45 to 60 minutes. These individuals will be from the private sector and/or public sector. Topics will generally focus on the future of engineering, the role that innovation will play, and the need for really understand the human side of innovation.

### **3- Zoom Conferences with Experts**

These will be short vignettes typically around 15 to 30 minutes long with an innovation expert to discuss the real examples of current innovation programs. These experts will be from inside or outside our company, depending on the subject

### **4- Interviews with Underrepresented SME's**

This will be a specific interview about career or subject area, but the presenter will be a SME and an underrepresented individual. This will help students see how they may fit in the engineering innovation world.

### **5- Job Shadowing**

Job Shadowing is a one day event where a student may follow a SME to help learn the importance of understanding human dynamics as applied to the world of engineering innovation.

### **6- Apprenticeship**

This will allow student(s) to have direct experience in the application of human dynamics in the formation of ideal engineering teams for different phases of a program (e.g., problem understanding, concept development, project execution, etc.)