

## Official NSF-REE Survey

Q1 Thank you for taking our survey! We realize that your time is extremely valuable, and we sincerely appreciate your input!

The primary purpose of this research is to understand different attributes, motivations, and expectations of engineers and to compare these items based upon membership in different engineering organizations. Your feedback on this study will help to understand some of the pre-education traits, educational experiences, and post-education outcomes of engineers. These results will help to inform recommendations to university and workplace settings to better educate more prepared engineers of the future to help address pressing global challenges.

There are no foreseeable risks to your participation in this survey. The potential benefits include contributions towards recommended changes for the future of engineering education and workplace initiatives.

We anticipate this survey to take you approximately 15-20 minutes. Your participation is voluntary and your responses are confidential; they will not be reported in any manner that will identify you. At the end of the survey, you will have the opportunity to be entered into a raffle for an iPad or a \$10 Amazon gift card, providing your thorough completion of the survey. We anticipate the approximate odds of winning an iPad to be 2 in 5,000, and the approximate odds of winning a gift card to be 10 in 5,000.

If you have any questions regarding your participation in this research, you should ask the investigator before participating. If you should have questions or concerns during or after your participation, please contact Kaitlin Litchfield at [kaitlin.litchfield@colorado.edu](mailto:kaitlin.litchfield@colorado.edu) or Dr. Amy Javernick-Will at [amy.javernick@colorado.edu](mailto:amy.javernick@colorado.edu).

If you have questions regarding your rights as a participant, any concerns regarding this project or any dissatisfaction with any aspect of this study, you may report them -- confidentially, if you wish -- to the Executive Secretary, Institutional Review Board, 3100 Marine Street, Rm A15, 563 UCB, (303) 735-3702.

This research is sponsored by the National Science Foundation - Research in Engineering Education Program.

Check to indicate you have read the statement above and agree to participate in the survey



Answer If Of the organizations listed below, with which are you involved? (Select all that apply)...

Q6 For each of your selected organizations, please indicate your current level of active participation.

	No active participation	Limited active participation	Moderate active participation	Extensive active participation
American Society of Civil Engineers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
American Society of Mechanical Engineers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Other professional engineering organization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Society of Women Engineers	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineers Without Borders-USA	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If Of the organizations listed below, with which are you involved? (Select all that apply) Engineers Without Borders-USA - Official member Is Selected Or Of the organizations listed below, with which are you involved? (Select all that apply) Engineers Without Borders-USA - Involved but not an official member Is Selected

Q7 Have you traveled outside of the US for a project with EWB-USA?

- Yes
- No

Q8 What is your current level of active participation in an engineering service curriculum, organization, or program similar to, but NOT including, Engineers Without Borders-USA (for example, Engineers for a Sustainable World organization, Engineering Projects in Community Service program, a Humanitarian Engineering minor or certificate program, etc.)?

- Not associated with such a program
- Associated, but no active participation
- Limited active participation
- Moderate active participation
- Extensive active participation

Answer If What is your current level of active participation in a p... Associated, but no active participation Is Selected Or What is your current level of active participation in a p... Limited active participation Is Selected Or What is your current level of active participation in a p... Moderate active participation Is Selected Or What is your current level of active participation in a p... Extensive active participation Is Selected

Q9 Based on your response to the previous question, with which specific program(s) or organization(s) are you involved? \_\_\_\_\_

Answer If Are you a student or professional member of your selected organizations? Student member Is Selected

Q10 How likely is it that you will be doing each of the following in the next five years?

	Definitely not	Probably not	Not sure	Probably yes	Definitely yes
Working in design or development in industry within your engineering discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working at a not-for-profit organization doing community development work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working as a teacher in an engineering-related subject (e.g. math, science)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working as a researcher within your engineering discipline	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working in an engineering firm in a project management role	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working in upper level management at an engineering company	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working in the military as an engineer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working in a role concerning public policy, government, or law	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Working doing something other than engineering design, research, or management	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Not working full time by choice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Attending graduate school within engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Using the engineering degree as a stepping stone to a different professional degree (e.g. medicine, law, business)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If Are you a student or professional member of your selected organizations? Professional member Is Selected

Q11 Of the options listed below, which roles have you been in since graduating with your engineering degree? You may select as many options as applicable.

- In design or development in industry within your engineering discipline
- At a not-for-profit organization doing community development work
- As a teacher in an engineering-related subject (e.g. math, science)
- As a researcher within your engineering discipline
- At an engineering firm in a project management role
- In upper level management at an engineering company
- In the military as an engineer
- In a role concerning public policy, government, or law
- In a role other than engineering design, research, or management
- Not working full time by choice
- As a graduate student within engineering
- As a student using your engineering degree as a stepping stone to a different professional degree (e.g. medicine, law, business)

Answer If Are you a student or professional member of your selected organizations? Professional member Is Selected

Q12 Of the options listed below (same as previous question), is there a role in which you have interest for switching into? Please select only one option.

- In design or development in industry within your engineering discipline
- At a not-for-profit organization doing community development work
- As a teacher in an engineering-related subject (e.g. math, science)
- As a researcher within your engineering discipline
- At an engineering firm in a project management role
- In upper level management at an engineering company
- In the military as an engineer
- In a role concerning public policy, government, or law
- In a role other than engineering design, research, or management
- Not working full time by choice
- As a graduate student within engineering
- As a student using your engineering degree as a stepping stone to a different professional degree (e.g. medicine, law, business)
- I have no interest in switching roles

Q13 Do you consider yourself to be an engineer?

- Yes
- No
- In some ways yes, and some ways no



Q15 Pretend you are going to volunteer for community service sometime in the next year. In this case, community service is defined as a project in which you would volunteer at least twice a month for a couple of hours and use your skills and knowledge (i.e. more than just a one-time volunteer event). Please indicate the extent to which you agree with the following statements.

	Strongly Disagree	Disagree	Somewhat Disagree	Neither Agree nor Disagree	Somewhat Agree	Agree	Strongly Agree
I feel bad about the disparity among community members	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel bad that some community members are suffering from a lack of resources	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
When I meet people who are having a difficult time, I wonder how I would feel if I were in their shoes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q16 How likely is it that you will participate in a community service project in the next year?

- Very Unlikely
- Unlikely
- Somewhat Unlikely
- Undecided
- Somewhat Likely
- Likely
- Very Likely

Q17 We are interested in different learning outcomes from your engineering experience (including education, internships, work experience, and extracurricular activities). Please rate your ability to do the following.

	No ability	Some ability	Adequate ability	More than adequate ability	High ability
Use basic scientific principles to analyze the performance of processes and systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use basic engineering principles to analyze the performance of processes and systems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formulate and evaluate mathematical models describing the behavior and performance of systems and processes	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design an experiment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Analyze evidence or data from an experiment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpret results of an experiment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use evidence to draw conclusions or make recommendations	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify essential aspects of the engineering design process	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply systematic design procedures to open-ended problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Design solutions to meet desired needs (within realistic constraints)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work in teams where knowledge and ideas from many disciplines (business, public policy, engineering, etc.) must be applied	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Work in teams where knowledge from many engineering disciplines must be applied	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Effectively manage conflicts that arise when working on multidisciplinary teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify problems for which there are engineering solutions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Formulate a range of solutions to an engineering problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Test potential solutions to an engineering problem	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Identify ethical dilemmas in engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Address ethical issues when working on engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply technical codes and standards	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Convey technical ideas in writing	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>



Convey ideas verbally	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Convey ideas in formal presentations (to engineering and non-engineering audiences)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimate the impact of engineering solutions in a societal context (in a particular culture, community, state, nation, etc.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimate the impact of engineering solutions in a global context (including environmental and economic contexts)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply engineering techniques (e.g., processes, methods) in engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply engineering skills (e.g., experimentation, matching, programming) in engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply engineering tools (e.g., software, lathes, oscilloscopes) in engineering practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Manage a team's time to meet deadlines when leading a project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Create and follow a budget when managing a project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Address the business, financial, and market related matters associated with project engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Apply interpersonal skills in managing people	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Integrate knowledge and skills learned in engineering disciplines other than your specific major	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize the need to consult an expert from a discipline other than your own when working on a project	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Consider contemporary issues (economic, environmental, political, aesthetic, etc.) at the local, national, and world levels	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Estimate how engineering decisions and contemporary issues can impact each other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Use knowledge of contemporary issues to make engineering decisions	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q18 To what extent are you/do you:

	Not at all	Somewhat	Mostly	Always
Set and pursue your own learning goals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Take new opportunities for intellectual growth or professional development	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engage in critical, reliable, and valid self-assessment	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize the unique skills, abilities, and attributes of all students/colleagues in your engineering course/practice	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Recognize the need for diverse perspectives in solving engineering problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comfortable working with engineering clients and colleagues from diverse racial/ethnic backgrounds	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Comfortable working with engineering clients and colleagues of the opposite gender	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q19 In your engineering work, how often do you do the following? (Think of past year)

	Almost never	Occasionally	Often	Almost always
Take initiative to learn on your own	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seek ways to improve a design or project, even after it has been submitted	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Complete your share of tasks on time, when working in teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If Of the organizations listed below, with which are you involved? (Select all that apply) Engineers Without Borders-USA - Official member Is Selected And Are you a student or professional member of your selected organizations? Student member Is Selected

Q20 Please indicate how helpful your EWB experience was compared to your coursework learning (CL) in enabling you to achieve the following skills. Move the sliding bar to indicate the percent impact from EWB, as compared to coursework learning. Ex. 60% indicates that 60% of a skill was learned through EWB while 40% was learned through coursework.

- \_\_\_ Apply math, science, and engineering knowledge
- \_\_\_ Design a system, component, or process to meet desired needs
- \_\_\_ Design an experiment
- \_\_\_ Analyze and interpret data
- \_\_\_ Apply techniques, skills, and modern engineering tools in practice
- \_\_\_ Conduct (or simulate) an experiment
- \_\_\_ Communicate effectively with others
- \_\_\_ Operate in the unknown (i.e. open-ended problems)
- \_\_\_ Function within a team
- \_\_\_ Engage in critical, reliable, and valid self-assessment
- \_\_\_ Persevere to complete an engineering design task
- \_\_\_ Maintain a strong work ethic throughout an engineering project design
- \_\_\_ Understand the impact of your engineering design/solution in a societal and global context
- \_\_\_ Identify potential ethical issues and dilemmas of a project
- \_\_\_ Recognize the need for life-long learning

Q21 We are interested in knowing why you chose engineering as an area of study. Please indicate below the extent to which the following reasons apply to you.

	Not a reason	A minor reason	A moderate reason	An important reason	An extremely important reason
I think engineering is fun	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I like to build stuff	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I feel good when I am doing engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I like to figure out how things work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I think engineering is interesting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A mentor encouraged and/or inspired me to study engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
A mentor introduced me to people and opportunities in engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technology plays an important role in solving society's problems	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineers have contributed greatly to fixing problems in the world	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineering skills can be used for the good of society	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineers are paid well	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
An engineering degree will/would guarantee me a job after graduation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineers make more money than most other professionals	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My family wanted me to be an engineer	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
My family would have disapproved if I chose a major other than engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Engineers Without Borders or a similar type of work interested me	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
I wanted to use engineering to do community development projects around the world	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q22 How much do you need/expect to incorporate the following skills in your own engineering career?

	Not at all Important	Somewhat important	Moderately important	Very Important	Crucial
Problem solving	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Hands-on application	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Ability to work in teams	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Technical skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Creativity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Life-long learning	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Awareness of engineering impact	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Project management skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interpersonal skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communication skills	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Societal awareness	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Global perspective	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Networking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Humanitarian emphasis	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Non-technical subjects	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Answer If Are you a student or professional member of your selected organizations? Student member Is Selected

Q23 In your education, including both inside and outside of the formal classroom, have you had the following experiences within engineering?

	No, never	Yes, once	Yes, multiple times
Hands on application of skills and knowledge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seeing a project through completion	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Teamwork	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary teamwork within engineering	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Interdisciplinary teamwork beyond engineering disciplines	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Leadership or project management experience	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Communication with or to non-technical audiences	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Access to mentors and/or networking	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Travel and/or cultural diversity	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Seeing the social impact of your work	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Facing ethical dilemmas	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q24 Please indicate whether or not you have done the following activities. If you have done a certain activity, please select whether or not you have done this once or more than once.

	No	Yes, once	Yes, more than once
Have you traveled to a country that most people would classify as 'developing'?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you traveled to a country that does not speak your mother tongue?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you held a job in or been a student in a country other than your home country?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you worked on an engineering project where you traveled to another country?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you worked on an engineering project that took place in another country where travel was not necessarily required?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Have you worked on an engineering project with people from multiple countries?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q25 How many countries have you traveled to other than your home country?

- Never
- One other country
- 2-5 other countries
- 6-9 other countries
- 10 or more other countries

Q26 How many times (independent trips) have you traveled to a country other than your home country?

- Never
- One time
- 2-5 times
- 6-9 times
- 10 or more times

Q27 What is your level of experience in studying about countries or cultures other than your own? Use your own discretion as to what types of courses may count (e.g. language, world geography, international policy courses, etc.)

- Never took a course
- Took one course
- Took multiple courses
- Minor or certificate
- Bachelor's Degree
- Master's Degree or Multiple Bachelor's Degrees
- PhD or expert level

Q28 How many languages other than your mother tongue can you speak fluently?

- None
- 1
- 2
- 3 or more

Q29 Approximately how long (in total) have you spent time in another country other than your home country?

- Never
- 1 to 2 weeks
- 1 to 2 months
- About 6 months
- About one year
- 2 to 3 years
- About 5 years
- 8 or more years

Q30 Overall, how would you rate your:

	Non-existent	Below Average	Average	Strong	Very Strong
Interest in global matters?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Knowledge of global matters?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Q31 Please write in your year of birth.

Q32 What gender do you associate yourself with?

- Male
- Female
- Prefer not to answer

Q33 What is your current working status?

- Undergraduate student
- Graduate student
- Practicing professional
- Academic
- Retired
- Other
- Unemployed by choice

Answer If What is your current working status? Unemployed by choice Is Selected

Q34 Please share why you have decided to be unemployed by choice. \_\_\_\_\_

Answer If What is your current working status? Undergraduate student Is Selected

Q35 What year are you in your undergraduate degree?

- Freshman
- Sophomore
- Junior
- Senior
- Fifth year senior or more

Q36 How many years have you worked professionally in an engineering-related field?

Q37 Do any of your immediate family members (i.e. parents, siblings) hold an engineering degree?

- Yes
- No
- Uncertain

Q38 What is/was your approximate college GPA during your engineering studies? (Please estimate on a 4.0 scale)

- A or A+ (i.e., 3.9 or above)
- A- (3.5-3.8)
- B+ (3.2-3.4)
- B (2.9-3.1)
- B- (2.5-2.8)
- C (2.2-2.4)
- C- or lower (1.9-2.1)
- Not applicable, no engineering degree

Q39 Are you a citizen of the United States?

- Yes
- No
- Prefer not to answer

Q40 What is your race/ethnicity?

- American Indian or Alaskan Native
- Asian or Asian American
- Black or African American
- Hispanic or Latino/a
- Native Hawaiian or Pacific Islander
- White
- Other
- Multiracial
- Prefer not to answer

Q41 Thank you for completing our survey! If you would like to be entered into our raffle to win either an iPad or one of several \$10 Amazon gift cards, please leave your preferred email address. This information will not be connected to your responses, which remain confidential, and it will only be used for raffling purposes.

Email Address: \_\_\_\_\_