PARENT AND EDUCATOR PROGRAM (PEP)

# SAMPLE PANELIST

Q U E S T I O N S

*Note: Below are two sets of panel questions based on two topics: Why Engineering? and Preparing for Engineering Success. Feel free to add, remove, and/or edit the questions below to better align to your panelists personalities. It is recommended that you review the ‘chosen’ questions with your panelists in advance.*

## Panel 1: Why Engineering?

* Real-world examples of how math and science are used in the real world that are beyond the obvious
* More to share to offer motivation and purpose for what they are learning
* More information about what jobs are available in STEM
* The outlook / demand for technology & engineering careers when this particular group of girls enter the workforce
* What inspires women to become engineer? Is the work environment predominantly men?
* Success stories of “women” engineers reaching their goal and rewarding moments they experienced
* Real applications of my daughter's passion for Science
* Which of the many fields are more popular with girls?
* Getting girls excited about opportunities in the field
* Discuss the various fields of Engineering and relevant middle & high school coursework
* More about the Engineering field and how I can help those girls who may be interested in a career
* Where to find more activities like this to keep them interested and focused on math and science
* What other programs are offered to girls to give them exposure to a career in engineering?
* How can I introduce my daughter to interesting engineering jobs as a middle school student
* How can I expose my daughter to the many different career fields and opportunities for jobs in math & science

## Panel 2: Preparing for Engineering Success

* Help in directing her toward education, extra-curricular activities and schools that will offer her options in these fields
* Ways to prepare girls to communicate and interact with peers in a male-dominated career field
* Access to information, like pamphlets, guidance and other resources to motivate girls
* Resources for enrichment opportunities in science and math for middle school girls
* How do I guide my daughter to a college that is a good fit, finance it (what scholarships are available) and help her decide upon broad fields of study (I see the two as somewhat connected
* What are some opportunities during her studies that she should be alert to ... i.e. should she actively seek internships or study abroad or what will give her an edge upon graduation
* How to help girls build self-esteem and self-confidence by operating in complex systems. And learning not to think or say—I can’t before taking the time to discover they can overcome the difficulties.
* More educational materials about how to build something that you have as an idea in your head
* What courses would help with pursuing robotics? What courses would help with pursuing this interest? What schools (universities) offer a program in this? What sort of careers use this? How can I help her with her interest in robotics if the school she attends does not have a curriculum or club that offers this (jr. high or high school level).
* Opportunities outside of school to encourage her to learn about science/math--both online (such as khan academy, Texas Instruments webinars, others), and through local programs at planetariums, museums, universities etc
* What is best path for girls to take in Jr high and high school for engineering?
* How do I continue to develop curiosity and interest in building (lego’s), putting things together, and science