

IEEE Oregon Section Support of National Engineers' Month

Your Oregon section of the IEEE has just agreed to partner with Business Education Compact (BEC), experts at coordinating engineers with educators. Their mission is to bring the wondrous world of science and technology to the classroom, opening up young minds to all that's "cool" about being an engineer.

This challenge is especially important today, with the decreasing impetus of middle- and high-school students choosing a career in any of the technology sciences. BEC has agreed to meet that challenge head-on, by placing engineers in the classrooms, showing students, first-hand, through lecture and demonstration, that "nerds can be sexy."

Here's where the IEEE needs your help. We're looking for "a few good men and women" to commit to a couple of hours, on a 1- or 2-time basis, to share your knowledge and expertise with students eager to be stimulated! All we need to know is what location and grade (from 3 to 12) you'd like to work with, and BEC will do the rest!

Topics are pre-selected by BEC, so all you have to do is pick the one you are most interested in. You'll be coached one-on-one, and with manuals, so you'll have a good feel of how it will go once you're in front of the classroom.

Just be prepared, be yourself, and show up! Kids love to be stimulated, and your enthusiasm will be rewarded with smiles, gratitude, and the most incredible questions! You won't believe how rewarding your experience will be!

To take advantage of this IEEE paid-for opportunity, simply click on the link below. NOTE: Where it asks for company affiliation, select IEEE OREGON

http://businesseducationlinks.org/pls/pdxlinksp/nem_rm.step_1

ADVANTAGES FOR YOU

- You can practice making presentations in a non-critical environment.
- You'll be able to relate to kids, and see how they are thinking, in an extremely open, honest way. HINT: They aren't looking at life the way we did when we were their age!
- Wonderful networking opportunities!

ADVANTAGES FOR IEEE OREGON

- We'll get tremendous media exposure in the most positive light possible. (Right now, in Oregon, over 70% of the non-technical citizens have no idea what engineers do, and the least recognized and appreciated are electrical engineers.)
- We'll be on the "good-guy" list of many important Oregon players and politicians.
- We'll have an open door into many future opportunities.

ADVANTAGES FOR THE COMMUNITY

- As a country and region, we're doing a lousy job at motivating our brightest kids to go into engineering.
- Over 50% of engineering Ph.D. graduates FROM AMERICAN UNIVERSITIES, LIKE MIT AND CAL TECH, are foreign nationals, who then return home, depriving the US of all their training and expertise.
- In world-wide testing, American students placed 21st in math and science, i.e., there were 20 countries whose students knew math and science better than we did.
- The percentage of students who choose engineering as a career objective has dropped by 75% in the last 15 years.

WE HAVE TO ENCOURAGE MORE STUDENTS TO GO INTO ENGINEERING OR, AS A COUNTRY, WE WILL BE EXTREMELY VULNERABLE IN THE NEAR FUTURE.

PLEASE CLICK THIS LINK TO READ MORE ABOUT VOLUNTEERING A FEW HOURS OF YOUR TIME TO TALK TO STUDENTS ABOUT WHY THEY SHOULD CONSIDER ENGINEERING AS A CAREER CHOICE.

http://businesseducationlinks.org/pls/pdxlinksp/nem_rm.step_1