Profiles of Materials Science and Engineering Professionals

Jennifer Borowski
Metallurgical Engineer
Simpson Industries, Inc.
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Education:
BS Materials Science & Engineering, Michigan State University

Job Description:
Metallurgical Engineer

Advice to Students:
"Be involved with material activities through school and material societies. Try to get an internship, coop, or research work."

Video Transcript:
"I decided to go to graduate school, probably about a semester after I moved up to the headquarters. I swore after I graduated, I wouldn't go back for a while. But I was very bored. I felt that I wasn't using my mind as much as when I was in school, and I like to learn new things. So I thought going to graduate school was the right thing to do. I find nowadays that companies are looking for people with master's or above. So if you don't have a master's, you're not even marketable to some companies. So I thought it would be a good stepping stone further in my career. While I was young, before my life got too complicated."

Interview:

- Typical Day

7:00 AM - Begin work around 7:30, start filling out my Franklin planner.
8:00 AM - Work on Material evaluation for failure analysis, material change, continuous
9:00 AM - Improvement and problem solving.
10:00 AM - Usually have phone conference on projects.
12:00 PM - Lunch
1:00 PM - Answer material questions from plants & engineers
2:00 PM - Test and report writing.
4:00 PM - Leave work between 4:30 & 5:00
5:00 PM - 2 days/wk night school for my engineering MS degree, get home by 9:30 eat & then pass out!
6:00 PM - 4 days/wk work-out to relieve work stress, go home, make dinner, do homework and work!
- **Career Experience**

5/95-Present: Simpson Industries, Evaluation of material & material support for the corporation.

- **Internships & Coops**

Materials Coop, Simpson Industries

- **Best Preparation**

Working as a coop.

- **Getting First Job**

"I coopied with the company for 2 years. I started working the day after graduation."

- **Advice**

"Be involved with material activities through school and material societies. Try to get an internship, coop, or research work."