



# Sloan Career Cornerstone Center

## Profiles of Materials Science and Engineering Professionals



**Jennifer Borowski**

**Metallurgical Engineer  
Simpson Industries, Inc.  
Plymouth, MI**

### **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!

### **"Profiles of Materials Science and Engineering Professionals"**

Prepared as part of the Sloan Career Cornerstone Center ([www.careercornerstone.org](http://www.careercornerstone.org))

Source: "Careers In Materials Science and Engineering" © The Minerals, Metals & Materials Society

### **- 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 cooped 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."