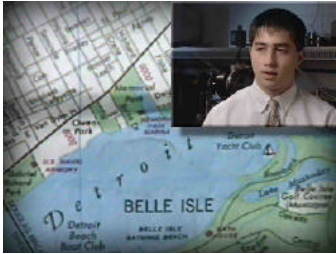




Sloan Career Cornerstone Center

Profiles of Materials Science and Engineering Professionals



Timothy Pline

**Laboratory Manager
The Cold Heading Company
Warren, MI**

Education:

1996 - BS Materials Science & Engineering, Michigan State

Job Description:

Research & Development/ Management

Advice to Students:

"Become experienced in the Materials Field. Intern or coop as soon as possible."

Video Transcript:

"The reason that I stayed here is because my family is not too far away, they're about 150 miles. But I picked a larger city, because I wanted to be able to do a lot of things. I can go to the theater or I can go to -- Detroit is close the lake, so I can go to the beach. I can do a million things. I love the city. I grew up in a very small town, and I wanted to broaden my horizons being able to do whatever I can."

Interview:

- Typical Day

7:00 AM - Arrive at work at 7:45, coffee and check voice mail.

8:00 AM - Address Internal issues- material/heat treat

9:00 AM - Address external issues- non-conforming material

10:00 AM - Take any samples to lab- advise testing

11:00 AM - Begin reports for internal/external issues

12:00 PM - Lunch

1:00 PM - Continue with reports- address internal issues

2:00 PM - Meeting- advance product quality planning.

3:00 PM - Meeting

4:00 PM - Get lab test data, finish reports.

5:00 PM - Leave at 5:30 PM and go to gym

6:00 PM - Work-out

7:00 PM - Socialize

"Profiles of Materials Science and Engineering Professionals"

Prepared as part of the Sloan Career Cornerstone Center (www.careercornerstone.org)

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

- Career Experience

1996-Present: The Cold Heading Company, Laboratory Manager

- Internships & Coops

1995-1996: Lab Technician, Jet Die Barnes Group

1995: Lab Technician, Simpson Industries.

- Honors & Awards

President Materials Science & Mechanic Society, President Student Group Michigan State University.

- Best Preparation

The experience I received at Simpson and Jet Die.

- Getting First Job

Interview through Michigan State University student services.

- Advice

Become experienced in the Materials Field. Intern or coop as soon as possible.

- Memberships

The Minerals, Metals & Materials Society