

# **Materials Science and Engineering Seminar Series**

## **Fall Semester 2007**

**Monday, October 22, 2007**

**4:00 – 5:00 PM**

**Washburn 229**

**By:** Dr. Jack Hyzak  
Director of Product Engineering  
ATI Allvac

**Title:** **ATI Allvac – Building the Best Specialty Metals Company**

### **Abstract:**

Dr. Jack Hyzak, Director of Product Engineering in Monroe, NC will present an overview of the products and processes associated with ATI Allvac. The presentation will describe the melting and forging equipment used to produce over 60 million pounds of titanium and superalloy mill products annually in support of the aerospace, oil & gas and biomedical industries. Attention will be given to how fundamental metallurgical principles related to solidification and recrystallization are applied to large-scale manufacturing processes. The role of metallurgists in the daily operation of our seven manufacturing plants will be explained along with a description of the Continuous Improvement methodology that provides for profitable growth. The presentation will include a 13 minute video of some of the equipment in operation. Dr. Hyzak will also answer questions related to career opportunities and Summer Intern positions for 2008. The overall presentation will last 45 minutes.

**Students interested in either opportunity and who are authorized to work in the United States can submit a resume in advance to [jack.hyzak@allvac.com](mailto:jack.hyzak@allvac.com).**



**All MTE Graduates are required to attend.**

