

## 2008 EAS Seminars

*Sponsored by BASF Corporation, Bristol-Myers Squibb, and L'Oreal*

### The Reinforcement of Teaching Chemistry Principles Via Classroom Demonstrations

Sunday, November 16, 2008

#### **Free Registration Limited to Middle and High School Teachers**

This seminar, organized by Alvin Bober, is designed to give middle and high school teachers creative and useful experiential teaching tools that will enhance their syllabi. Demonstrations covering a number of practical and scientifically significant principles will be shown. These demonstrations were chosen for their simplicity, safety and economy. The following are a sampling of the planned presentations: *Attention First, Learning Second; Chemical Demonstrations – Simple, Yet Engaging; and Demo Derby.*

### Developing and Marketing Pharmaceuticals

Monday, November 17, 2008

#### **Free Registration for Qualified Teachers and Students**

This seminar, organized by Jennifer Giordano and Pauline Leary, is designed to demonstrate the use and importance of instrumental techniques in the drug development process and in post market support. America's pharmaceutical and biotechnology research companies invested a record \$58.8 billion in the research and development of new life-changing medicines and vaccines in 2007. Topics presented will help participants understand the wide variety of analytical disciplines used in the pharmaceutical industry.

### Analytical Chemistry and Forensic Science

Tuesday, November 18, 2008

#### **Free Registration for Qualified Teachers and Students**

In this seminar, organized by author Richard Saferstein, several speakers will discuss a variety of analytical technologies that are applicable to solving forensic science problems. Attendees will be introduced to the science of forensic toxicology and will learn the strategies that forensic toxicologists employ to detect poisons and drugs in the human body. Significant achievements that have been made in utilizing DNA typing for the purposes of linking biological evidence to a single individual will also be discussed, as evidenced by the way in which the science of DNA profiling has altered the complexion of criminal investigation. A number of actual case discussions will be presented in order to exemplify the relevancy of forensic DNA typing to criminal investigation. Finally, an overview of how forensic analysts make use of minute particles recovered from crime scenes to aid police investigators in resolving crimes will be given.

### Professional Analytical Chemists in Industry: What Does an Analytical Chemist Do?

Wednesday, November 19, 2008

#### **Free Registration for Qualified Teachers and Students**

This seminar, organized by Proctor & Gamble, is designed to familiarize students with varied career opportunities for analytical chemists in industry. Diverse roles an analytical chemist may fill in industry are examined, such as scientific consultant, methods developer, and problem solver. Significant time is spent on exploring the process of solving problems. Actual case scenarios solved at P&G are posed, providing students with a strategy for approaching and solving these problems. This course is structured for interactive participation. Additional information is available at [www.pg.com/science/prof\\_chemists.jhtml](http://www.pg.com/science/prof_chemists.jhtml)

For more information on how to register for the EAS Seminars, please contact the EAS Executive Secretary at [askEAS@aol.com](mailto:askEAS@aol.com).