

AIChE PITTSBURGH SECTION

MARCH 2008 MEETING

Chemical Engineering in Medical Device Development

By Bill Federspiel,

Director, Medical Devices Laboratory, University of Pittsburgh

Professor of Surgery and Bioengineering

Professor of Chemical Engineering

William Kepler Whiteford Professor

The University of Pittsburgh Medical Devices Laboratory develops medical devices for a variety of applications using Chemical Engineering principles. Cardiovascular and respiratory support devices in particular, require a thorough knowledge of transport phenomena to progress from concept to working device. The therapeutic effectiveness of the medical device is directly tied to blood mass transport. This talk will specifically illustrate the importance of mass transport phenomena in the development of respiratory support devices.

When: Tuesday, March 18th, 5:45 pm

Where: Hereford and Hops, Route 228, Cranberry Township

Speaker: Bill Federspiel, University of Pittsburgh

Topic: Respiratory Device Development using Chemical Engineering Principles

Agenda: 5:45 – Registration

6:00 – Dinner

7:00 – Presentation

Menu: Steak, Fish or Chicken
Salad, Vegetable, Desert

Price: \$30 per person for Steak
\$25 per person for Fish or Chicken
Pay at the door is acceptable

Please make your **RSVP**.

To: Mr. Chris Steffy, Vice-Chair

Phone: 412-225-0254

E-mail: steffycd@lycos.com

Your RSVP should include: **Name, Company Name, Email Address, and Phone Number.**

CANCELLATIONS: If you must cancel your meeting reservation, please do so no later than 48 hours prior to the meeting.