

**The next M&E Course will be at the
Baxter International, Inc. Corporate Headquarters
located in Deerfield, Illinois (Chicago Area)
November 4, 5, 6, 2009
8:00 a.m. to 5:00 p.m.**

The course fee is \$1,990 (USD) per person, which includes three books and continental breakfast, buffet lunch, mid-morning and afternoon refreshments.

The course registration is limited to 32 students. This is a lecture-problem solving course, therefore the limited registration.

To register for the course: 1) Download registration form, complete, and e-mail pdf, fax, or mail to Ann Nicholas at pflug001@umn.edu, 765.583.2488, or P.O. Box 576, Otterbein, IN 47970. Registration confirmation will follow upon receipt of completed form. Please feel free to call Ann at: 765.583.2488 or email at: pflug001@umn.edu for any questions or for further information. Please send registration as soon as possible and indicate payment method, as payment should be made before the course but is not required for registration.

Who Should Attend

Degreed scientists and technical managers involved in microbial control, in the research, development and manufacture of food, medical devices and pharmaceutical products.

**Facility Location:
Baxter International, Inc.
One Baxter Parkway
Deerfield, IL 60015
Phone: 847.948.2000**

Accommodations: A block of rooms has been reserved at the Marriott Suites, 2 Parkway North, Deerfield, IL, at the special rate of \$135.00 plus tax, single or double occupancy. This rate is good until 10/13/09, 12:00 AM. You are able to access the meeting courtesy rate by calling reservations and requesting the rate for the Baxter sponsored "Pflug's Microbiology & Engineering Course". **Phone: 800.228.9290**

Transportation: Chicago International Airport serves the area and transportation to the hotel can be arranged with American Taxi (Rate \$30); **Phone: 849.566.3131**. Transportation to Baxter from the Marriott and back will be provided each day of the course.

If coming by private car, the facility is located just off the I-294 and the Deerfield Road Exit.

Course Objective

The objective of this intensive, three-day, lecture/problem-solving course is to help the student develop an understanding of the basic principles of both the microbiology and engineering aspects of sterilization processes. The content is directed toward heat processes, but the principles are applicable to all sterilization systems.

There are illustrative short problems in each topic area of the M&E Course. In addition to the approximately 20 short problems, there are two instructor-led, case-study type sterilization/qualification problems: (1) physical qualification of the process and (2) biological qualification of the process.

Students' response over the 30 years that the course has been taught indicate that working the problems in the classroom was a major contributor to their educational experience.

You will need a scientific calculator and straight edge to work the problems in the course. Please bring a calculator that you are familiar with using.

Sponsors

Baxter International, Inc.

Department of Food Science & Nutrition, University of Minnesota

Environmental Sterilization Laboratory

Faculty

Kristen D. Evans

Amgen, Thousand Oaks, CA

Director, Global Quality Compliance

John R. Gillis, Ph.D.

SGM Biotech, Inc.

President and Co-founder of SGM Biotech, Inc.

Margarita Gómez, Ph.D.

Ocean Spray Cranberries, Inc.

Quality Manager, Corporate Quality

M. Ann Nicholas

Environmental Sterilization, Consultant

Course Coordinator, Auditor and Trainer

Theron E. Odlaug, Ph.D.

CyDex Pharmaceuticals, Inc.

President and CEO

Irving J. Pflug, Ph. D.

Professor Emeritus, University of Minnesota

Course Director

Mark Seybold

Baxter Healthcare, Round Lake, IL

Sr. Mgr., Sterility Assurance

Further Information

Email: pflug001@umn.edu

Phone/Fax: 765.583.2488

Registration Form

Pflug's Microbiology & Engineering Course

Intensive 3-Day Lecture/Problem Course

November 4, 5, 6, 2009

8:00 a.m. to 5:00 p.m.

Baxter International, Inc. Headquarters

One Baxter Parkway

Deerfield, IL 60015

Please Print

Course Registrant _____

Job Title _____

Company _____

Company Address _____

City, State, Zip _____

Email _____

Phone _____

Fax _____

Fee: \$1,990 per person. This fee includes: 3 text books, breakfast, lunch, mid-morning and afternoon refreshments. Please send registration as soon as possible and indicate payment method, as payment should be made before the course, but is not required for registration.

Please mail, fax or pdf e-mail completed Registration Forms to:

M. Ann Nicholas

P.O. Box 576

Otterbein, IN 47970

Email: pflug001@umn.edu

Payment: _____

Please indicate payment method when registering. Cash and checks may be brought to the course.

We are not set up take credit cards. We can take Traveler's Checks.

Please make checks payable to: "Pflug's M & E Course". Checks should be mailed to address above.

For further information:

Phone/Fax: 765.583.2488

Email: pflug001@umn.edu