

trace1.BMP (208440 bytes)

Practical: High Performance Liquid Chromatography

**June 4-8, 2001
Jahn Laboratory, SUNY-ESF
Syracuse, New York**

Sponsored By—

**Faculty of Chemistry Continuing Education, SUNY ESF
Waters Cooperation
New York Sea Grant**

This course is an intensive 5-day workshop designed for end users of High Performance Liquid Chromatography. Topics to be covered include:

- *Introduction to HPLC theory*
- *Column selection and maintenance*
- *Equipment maintenance and repair*
- *Methods development including detector options*
- *Sample preparation techniques*

Participants will spend the morning sessions in a lecture format covering the basic theory, correct installation and troubleshooting techniques. Afternoons will be devoted to the laboratory where participants will run samples, disassemble and assemble equipment and work on the hands-on aspects of methods development.

Unique Opportunities: The focus of this workshop is for end users to gain practical experience using different HPLC instrumentation under the watchful eye of the instructor. A strong emphasis will be placed on the correct installation and operation of the instrumentation that is essential for those "hard-to do" separations. Working in cooperation with Agilent Technologies and Waters Corporation, HP 1100, Water's Breeze and Millennium instrument platforms will be available for the laboratory sessions. Detector options utilized will include UV, fluorescent, photodiode array, electrochemical, and mass selective (LCMS). Troubleshooting tips and an extensive working manual detailing the materials from the course will be provided to all participants. The end result will be to gain broad practical experience in a large number of different techniques including methods development, instrument repair and validation.

Instructor: Professor Greg Boyer SUNY-ESF, Faculty of Chemistry, is a natural products biochemist with more than 25 years experience designing HPLC separations. His research interests include analysis of marine and freshwater toxins, drug metabolism and bioactive peptides.

Who Should Attend: This class is designed for the intermediate user, i.e the HPLC operator that has been using HPLC for anywhere from 1-3 years but who would like to use the instrument more efficiently. New operators will also benefit from the sections on instrument setup and operation.

Workshop Location: The workshop will be held in the Jahn Laboratory for Chemical Research at the SUNY College of Environmental Science and Forestry. [Directions](#) will be sent with acknowledgement of registration.

hplc.gif (4304 bytes)

Practical: High Performance Liquid Chromatography

Preliminary Program

Check back later for details

hplc.gif (4304 bytes)

Practical: High Performance Liquid Chromatography

Registration Information

To Register: *Please preregister!* Simply fill out and mail the registration form with your registration fee. You may register by phone by calling ESF Continuing Education at (315) 470-6891; or fax to (315) 470-6890.

Early Registration Discount: Registrations *and payment* must be *postmarked* by May 21, 2001 if you wish to qualify for the early discount. Government or corporate purchase orders received by the deadline also qualify for the early discount.

Workshop Fees: Early registrations, postmarked by May 21, 2001 are eligible for the discount fee of \$595. If postmarked after May 21, the full fee is \$685. The workshop fee includes one graduate credit, instruction, course manual, and refreshments.

Fees are payable to SUNY-ESF. VISA or MasterCard also accepted.

Refunds: SUNY-ESF reserves the right to cancel any program in the event of insufficient registrations. A full refund will be given if a program is canceled. Participants who wish to withdraw must give written notice one week in advance to receive a full refund. After that date a \$25 cancellation fee will be charged. Substitutions are permissible at any time.

hplc.gif (4304 bytes)

Practical: High Performance Liquid Chromatography

Registration Form

PLEASE PRINT CLEARLY

Name _____ Phone (____) _____

Organization _____ Fax (____) _____

Address _____

City _____ State _____ Zip _____ email _____

Register me for the ***HPLC Practical*** on June 4-8, 2001

Enclosed is my workshop fee,

Fees: **If paid** by May 21, 2001: \$595

If paid after May 21, 2001: \$685

Credit Card Payment: VISA Mastercard

Account Number: _____ Expiration Date: _____

Signature: _____

Special needs: _____

Mail form to: ESF Continuing Education, SUNY College of Environmental Science & Forestry, Syracuse, NY 13210-2784

FAX: 315-470-6890