

The Washington-Baltimore Mass Spectrometry Discussion Group presents:

## INTERPRETATION OF MASS SPECTRA

A Short Course designed for Chemists and Laboratory personnel with no formal training in mass spectrometry, and Chromatographers who are using mass selective detectors or ion traps as chromatography detectors

**April 6 – 7, 2010**

**Columbia, Maryland**

<http://wbmsdg.org/wordpress/>

### COURSE DESCRIPTION

The Washington-Baltimore Mass Spectrometry Discussion Group (WBMSDG) will present a short course on "Interpretation of Mass Spectra." This introductory level course on the qualitative interpretation of mass spectra of organic, biochemical and environmental compounds will be taught by solving practical examples. Registrants should be familiar with basic principles of organic chemistry. The principles of interpretation will be introduced through lectures and augmented through extensive problem-solving. Although emphasis will be placed on the interpretation of electron ionization mass spectra, the concepts of chemical ionization, electrospray ionization, and MALDI will also be introduced. The workshop format and a high instructor:student ratio are designed to benefit those with little or no experience, but who wish to expand their interpretation skills. This is the same short course that the WBMSDG presents each year at the ASMS Annual Conference.

### FORMAT

A workshop format and limited class size will ensure the participants ample opportunity to interact with the instructors.

### WHO SHOULD ATTEND

Chemists and Laboratory Personnel with no formal training in mass spectrometry, and Chromatographers who are using mass selective detectors or ion traps as chromatography detectors. A knowledge of basic organic chemistry will be assumed.

### DATE / PLACE

April 6 and 7, 2010 — 8:30 a.m. to 5:00 p.m. (*ample free parking available*)  
Shimadzu Scientific Instruments, Inc., 7100 Riverwood Drive, Columbia, Maryland 21046.  
Directions: for driving directions and map, see: <http://wbmsdg.org/wordpress/>

### REGISTRATION

Early registration is recommended and encouraged! Course enrollment will be limited to 36 students to ensure a high instructor to student ratio. Registration fee includes textbooks, course materials, lunches and coffee breaks. To register, complete and return the attached Registration Form.

Register early —  
Space is limited!

#### Registration Fee

If payment received by March 15, 2010

#### Full

\$ 400

#### Student\*

\$ 250

If payment received after March 15, 2010

\$ 425

\$ 275

*\*Students must be enrolled full-time in a degree program up to and including the Ph.D. and must attach verification of current full-time student status by providing both a copy of your student I.D. and a letter from your department chairman or research advisor on university stationery verifying your student status.*

A non-refundable charge of \$95 will apply to all cancellations received in writing before March 15, 2010, and will be processed after the course. No refunds will be made after that date. Registrants who are unable to attend may send a substitute and must immediately contact the Course Manager.

### CEU's

Course rated as 1.5 Continuing Education Units (CEUs)

### CONTACT

Ms. Janet Cunningham, Course Manager  
Barr Enterprises, P.O. Box 8032, West Grove, PA 19390  
Phone 301-668-6001; e-mail [janetbarr@aol.com](mailto:janetbarr@aol.com)

**To Register, please complete and return the attached Registration Form**

# REGISTRATION FORM — Interpretation of Mass Spectra — April 6 – 7, 2010

The Washington-Baltimore Mass Spectrometry Discussion Group

<http://wbmsdg.org/wordpress/>

First Name \_\_\_\_\_ LAST NAME \_\_\_\_\_

Company \_\_\_\_\_ Department \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip Code \_\_\_\_\_

Telephone # \_\_\_\_\_ FAX # \_\_\_\_\_

E-MAIL \_\_\_\_\_

REGISTRATION FEE	Full	Student*	TOTAL PAYMENT
By March 15, 2010	\$400	\$250	
After March 15, 2010	\$425	\$275	

*\*Students must be enrolled full-time in a degree program up to and including the Ph.D. and must attach verification of current full-time student status by providing both a copy of your student I.D. and a letter from your department chairman or research advisor on university stationery verifying your student status.*

## Payment Methods

**Company Check** enclosed payable to: Barr Enterprises

**Credit Card**, please check:  Visa  MasterCard

Name of Registrant \_\_\_\_\_

Credit Card # \_\_\_\_\_ Exp.Date \_\_\_\_\_

Name as printed on credit card \_\_\_\_\_

**Signature of Cardholder** \_\_\_\_\_

Cardholder, by signing this form, authorizes Barr Conferences to charge this credit card on behalf of the registrant named above

—Registration form and fee amount will be accepted only when accompanied by payment.

—Receipt will be sent to confirm registration only when payment is received.

—Registration form containing credit card information and cardholder signature may be emailed to [janetbarr@aol.com](mailto:janetbarr@aol.com).

—Refund Policy: Must cancel in writing on or before March 15, 2010 to receive a refund less a \$95 processing fee; no refunds after March 15.

—By submitting this form you authorize the Washington-Baltimore Mass Spectrometry Discussion Group to share your information with attendees, etc.

## RETURN FORM & PAYMENT TO

Ms. Janet Cunningham, Course Manager

BARR Enterprises, PO Box 8032, West Grove, PA 19390 USA

Ph 301-668-6001 \* [janetbarr@aol.com](mailto:janetbarr@aol.com) \* <http://wbmsdg.org/wordpress/>