

**2009**  
***Oregon Scientific***  
***Seminar***



*Wave of the Future*

September 17 - 18, 2009  
Best Western Agate Beach Inn  
Newport, OR

Sponsored by  
American Society for Clinical Laboratory Scientists - Oregon  
Oregon State Society of American Medical Technologists

## **An Invitation To Attend**

### **THE WAVE OF THE FUTURE**

We invite you to attend the Oregon Scientific Seminar this September. Remaining current and compliant though continuing education is paramount for each Health Professional. We entreat each and everyone of you to take full advantage of our meeting, which will provide a great occasion for acquiring those much needed continuing education credits.

The wave of the future is NOW! You can make a significant contribution by becoming actively involved. You have a great team working on this seminar. There is a wonderful program planned with you in mind. They have done a fantastic job and we want to applaud their sacrifice of time and resources on behalf of the Oregon Scientific Seminar.

So come, learn, enjoy the sites, meet with friends, and smile. It is all here at the O.S.S.

Marilyn Albertsen  
OSSAMT

Sarah Erhardt  
ASCLS-OR

Programming Change: Please note that the formerly Oregon Spring Seminar is now being held in September and consequently had to undergo a name change to the Oregon Scientific Seminar. Same great opportunities to network and expand your horizons that we have had for the past 41 years, but the Oregon Coast weather will probably be better.

### **SPECIAL THANKS**

The Oregon Scientific Seminar would like to extend sincere thanks to the following organizations for supporting our excellent educational event!

Abbott Diagnostics  
American Red Cross, Pacific Northwest Region  
Beckman Coulter  
bioMerieux  
Clinical Microbiology Grand Rounds  
PeaceHealth Laboratories (formerly OML)  
Portland Area Consortium for Laboratory Education  
Samaritan Health Services  
Sysmex America, Inc.

## Seminar Volunteers

### GENERAL CO-CHAIRS

Marilyn Albertsen, OSSAMT  
Brenda Lawing, ASCLS-OR

### SCIENTIFIC SESSIONS

Marilyn Albertsen, OSSAMT  
Sarah Erhardt, ASCLS-OR  
Doug Fisher, OSSAMT  
Teresa Gauthier, ASCLS-OR  
Jeff Josifek, ASCLS-OR  
Brenda Lawing, ASCLS-OR  
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Helen Wand, ASCLS-OR

### SPONSORS

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### HOSPITALITY

Susan Potter, OSSAMT

### REGISTRATION

Edna Anderson, OSSAMT, Chair  
Dee Uerlings, ASCLS-OR  
Audrienne Whitley, OSSAMT  
Willie Richardson, OSSAMT

### PUBLICITY

Sarah Erhardt, ASCLS-OR

### PROGRAM DESIGN & PRINTING

Heidi Smith, ASCLS-OR  
Brenda Kochis, ASCLS-WA

### FINANCE

Heidi Smith, ASCLS-OR

### P.A.C.E.®/AMTIE

Louise Isbell, OSSAMT  
Joan Pankonin, ASCLS-OR

### AUDIO VISUAL

Helen Wand, ASCLS-OR

## Officers and Business Meetings

### ASCLS-OR OFFICERS

President – Sarah Erhardt  
President-Elect – Open  
Secretary – Open  
Treasurer – Krista Moore  
Board Members - Teresa Gauthier  
Open

### OSSAMT OFFICERS

President – Marilyn Albertsen  
President-Elect – Doug Fisher  
Secretary – Audrienne Whitley  
Treasurer - Clifford Colvin  
Board Members – Susan Potter  
William Dettwyler  
Edna Anderson

### ASCLS-OR GENERAL ASSEMBLY/

#### VOTING

Friday, Sept. 18  
5:00 PM – 6:00 PM

### OSSAMT BOARD MEETING

Friday, Sept. 18  
6:00 AM – 7:45 AM

### OSSAMT BUSINESS MEETING

Friday, Sept. 18  
5:00 PM – 6:00 PM

ALL OSS attendees are invited and encouraged to attend the ASCLS-OR General Assembly or the OSSAMT Business Meeting. Come and find out how it all happens.

## Special Notes

**NAME BADGES:** Seminar name badges are required for all sessions and social functions.

**SESSION CARD/MEETING ROOM ASSIGNMENTS:** You will not receive verification of registration prior to the meeting. Your seminar packet will be available at the Scientific Seminar registration desk and will include a list of all the sessions you have registered for as well as the day, time, and room assignment for each session. A floor plan of the hotel complex will also be available at the registration desk.

**MESSAGE CENTER:** A message center board will be maintained at the registration desk. For EMERGENCY messages notify the Best Western Agate Beach Inn at: 1-541-265-9411.

**CONTINUING EDUCATION CREDIT:** P.A.C.E.® and AMTIE credit have been approved for all appropriate sessions. ASCLS-OR is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS, P.A.C.E.® program. OSSAMT is the approved provider for AMTIE CEC's and ensures these presentations conform to standards established by AMTIE.

**ATTIRE:** Casual attire is appropriate for all sessions.

## Meals and Coffee Breaks

**BREAKFAST:** The Agate Beach Inn offers a full service oceanview restaurant opening at 7:00 am.

**COFFEE BREAKS:** Morning Break: Coffee or tea .. 10:00 - 10:30 am  
Afternoon Break: Assorted drinks - 2:30 - 3:00 pm  
Coffee breaks are courtesy of: Abbott Laboratories, PeaceHealth Laboratories (formerly OML), Samaritan Health Services and Sysmex America, Inc.

**LUNCHEONS:** Lunch is included for all **FULL DAY** registrants (see reg.page for vegetarian meals). Others requesting lunch should inquire at the seminar registration desk. Each day 12:00-1:00 pm.

## Seminar Summaries

### THURSDAY, SEPTEMBER 17, 2009

Registration Hours: 7:00-8:00 am 11:30-1:30 pm 5:30-6:30 pm

#### AM SESSIONS 8:30 AM - 12:00 PM

1	2	3
FUNGI	PRE-ANALYTIC SAMPLE  VITAMIN D	LESSONS LEARNED FROM DISASTER RELIEF

#### PM SESSIONS 1:00 0 4:30 PM

1	4	5
FUNGI, CONT.	CHINESE MEDICINE	RARE AND UNUSUAL ANTIBODIES

### FRIDAY, SEPTEMBER 18, 2009

Registration Hours: 7:00-8:00 am 11:30-1:30 pm

#### AM SESSIONS 8:30 AM - 12:00 PM

6	7	8	9
BioSAFETY	BONE MARROW FAILURE	HLA TYPING	ADVANCED PHELBOTOMY

#### PM SESSIONS 1:00 0 4:30 PM

6	10	11	12
BioSAFETY, CONT.	THERAPEUTIC PAIN MEDS	VIOLENCE	LEGAL ISSUES WITH PHELBOTOMY

## Session Descriptions

### THURSDAY, SEPTEMBER 17, 2009

**Session #1** 8:30 AM - 4:30 PM Intermediate to Advanced

#### ***FUNGI CAN BE FUN: JUST GET TO KNOW THEM***

The aim of this powerpoint presentation is to arm the participants with knowledge and understanding that will increase their comfort and enjoyment in the mycology lab. Most aspects of clinical mycology will be covered. Included will be mycologic terminology, staining methods, direct microscopic examination of specimens, and up-to-date information on isolation, identification, and susceptibility testing. Identifying characteristics of the individual fungi in each of the major groups will be discussed, i.e. the dematiaceous fungi; dermatophytes; hyaline hyphomycetes; thermally dimorphic fungi; yeasts; and zygomycetes. It will be a long day but time will fly!

#### **DAVISE H. LARONE, PhD, D(ABMM), F(AAM)**

Professor of Clinical Pathology and Laboratory Medicine  
Professor of Clinical Microbiology and Immunology  
Weill Medical College of Cornell University  
New York, NY

*This session is sponsored in part by:*

*Clinical Microbiology Grand Rounds, bioMerieux, PALCOE*

**Session #2A** 8:30 AM – 10:00 AM Basic

#### ***PRE-ANALYTICAL SAMPLE HANDLING***

This session will be an overview of factors that will have an effect on analytical testing, both at the time of draw and how the sample is processed. Knowing this information can significantly reduce errors in test resulting.

#### **Mike Knibbe**

Immunoassay Consultant  
Beckman Coulter, Inc.

*This session is fully sponsored by Beckman Coulter, Inc.*

**Session #2B** 10:30 AM – 12:00 PM Basic to Intermediate

#### ***THE INS AND OUTS OF VITAMIN D***

This session includes an overview of the role Vitamin D plays in the body and its interactions with other important molecules. Results of a recent Vitamin D study in women living in the Willamette Valley presenting with fatigue will also be discussed.

#### **GLENN HUERTA-ENOCHIAN, MD**

##### ***Obstetrics/Gynecology***

Samaritan Gynecology & Surgical Associates  
Corvallis, OR

## Session Descriptions

**Session #3**      8:30 AM – 12:00 PM      Basic to Intermediate

### ***LESSONS LEARNED FROM DISASTER RELIEF***

This session will start with an eyewitness account of the 2004 Indian Ocean tsunami. There will be an overview of the disaster, what it was like in Indonesia, and the response by Medical Teams International.

**W. LARRY HAMILTON, RN**

House Supervisor  
Tillamook County General Hospital

**Session #4**      8:30 AM – 12:00 PM      Basic

### ***THE EVOLUTION OF TRADITIONAL CHINESE HERBAL MEDICINE***

This session will introduce participants to the practice of traditional Chinese medicine as it has been practiced for over 2500 years. You will see how the diagnosis and treatment of disease differs between Chinese and Western medicine and the importance of life styles as they pertain to health.

**JAMES L. REINHART, RPh, AHG**

Chinese Herbal Medicine  
Astoria, OR

**Session #5**      1:00 – 4:30 PM      Intermediate

### ***THE ZEBRA FILES: CASE STUDIES OF RARE and UNUSUAL ANTIBODIES***

Have you ever heard the saying "When you hear hoof beats, look for zebras"? This session will cover the zebras of blood banking: those antibodies we rarely find and identify, but are an interesting species all the same.

**JEANNE M. SCOTT, MT(ASCP)<sup>CM</sup>, SBB**

Supervisor, Immunology Reference Laboratory  
The American Red Cross, Pacific Northwest Region  
Portland, Oregon

*This session is sponsored in part by The American Red Cross, Pacific Northwest Region*

## Session Descriptions

**FRIDAY, SEPTEMBER 18, 2009**

**Session #6** 8:30 AM - 4:30 PM Intermediate

### ***BIOSAFETY and BIOSECURITY: MINIMIZING THE RISKS IN THE LABORATORY***

In this era of natural and human-made biological emergencies, from terrorism to pandemic influenza, it is essential that laboratories be safe and secure. The biosafety sessions of this program will identify key concerns of laboratory biosafety, focusing on biosafety level 3 (BSL3) practices in a BSL2 environment, proper use of personal protection equipment (PPE), biological safety cabinets (BSCs), and conducting risk assessments. The biosecurity session will present laboratory security principles described in the 5th edition of Biosafety in Microbiological and Biomedical Laboratories (BMBL). You will also learn how to conduct vulnerability assessments and develop a good biosecurity plan. Finally, through the use of case studies and activities, you will be able to apply these principles and concepts to the clinical laboratory.

(This is an updated and improved version --Version 2--of the Biosafety and Biosecurity course offered at the 2008 NWMLS and at the OSPHL in January 2009.)

This intermediate-level program is designed for managers, supervisors, safety professionals, laboratorians and students working in clinical, reference, and public health laboratories.

NOTE: ATTENDANCE AT THIS SESSION WILL BE STRICTLY LIMITED TO 25 PARTICIPANTS.

Each participant will also need to register online at [www.nltn.org/063-09.htm](http://www.nltn.org/063-09.htm). If you have difficulty with the online registration process, please email [registar@aphi.org](mailto:registar@aphi.org) or call 240-485-2727. The registration deadline for participants on the [www.nltn.org/063-09.htm](http://www.nltn.org/063-09.htm) website is September 4, 2009. This online registration is in addition to sending in the registration form at the end of this program.

### **TERESA MCGIVERN, MT(ASCP), CIC, BT/CT**

Oregon Department of Human Services, Oregon State Public Health Laboratory,  
Sentinel Laboratory Response Network Preparedness Coordinator  
Hillsboro, OR

*This session is fully sponsored by:*

*The Oregon Department of Human Services  
The National Laboratory Training Network (NLTN)  
The American Society for Microbiology*

## Session Descriptions

**Session #7** 8:30 AM – 12:00 PM Intermediate to Advanced

### ***BONE MARROW FAILURE SYNDROMES***

This session will focus on the overlapping disease categories associated with marrow-failure related pancytopenia: aplastic anemia, PNH, LGL, and myelodysplasia. We will discuss current concepts in disease biology and the role of the lab in disease detection and classification. Local cases will be presented as examples of each condition. A review of the WHO classification scheme for myelodysplasia will be included.

**MICHAEL SUTER, MT(ASCP), SH**

PeaceHealth Laboratories  
Eugene, Oregon

*This session is partially sponsored by PeaceHealth Laboratories (formerly OML)*

**Session #8** 8:30 AM – 12:00 PM Intermediate to Advanced

### ***THE UTILIZATION OF DIFFERENT RESOLUTION LEVELS OF HLA TYPING IN VARIOUS CLINICAL CASES***

The human major histocompatibility complex (MHC), or human leukocyte antigen (HLA) complex, comprises several genetic loci on the short arm of chromosome 6. Seven of these loci encode two distinct classes of highly polymorphic cell surface antigens. Class I MHC antigens include HLA-A, HLA-B and HLA-C, each encoded by a separate locus. Class II MHC molecules include HLA-DR, HLA-DQ and HLA-DP, each having varying degrees of alloimmunity. There are many alleles for each locus of the Class I and Class II of HLA genes. These polymorphic regions encode the peptide-binding groove of the MHC molecule and are functionally important in terms of disease susceptibility and transplantation. This session includes discussion of several HLA typing methodologies that are used to obtain HLA typing at various levels of resolution. These include serologic determination of antigens and molecular detection of alleles by DNA Sequence-Based Typing (SBT), DNA Sequence Specific Oligonucleotide Probes (SSOP), and DNS Sequence Specific Primers (SSP). Different clinical conditions that require different levels of HLA typing resolution will be presented and discussed.

**ZAHRA MEHDIZADEH KASHI, PhD, HCLD**

CEO and Laboratory Director  
Kashi Clinical Laboratories  
Beaverton, Oregon

## Session Descriptions

**Session #9** 8:30 AM – 12:00 PM Advanced

### ***ADVANCED PHLEBOTOMY WORKSHOP***

This interactive session will cover a variety of topics including constructive communication with difficult patients and family, and effective technique for drawing in challenging situations. An update on current safety and regulatory issues will also be presented along with a discussion of pre-analytical errors. Basic concepts of lab values interpretation will also be presented as well as their correlation with specific disease states.

#### **JEFF JOSIFEK, CLS(NCA)**

MLT Program Director  
Portland Community College  
Portland, OR

**Session #10** 1:00 – 4:30 PM Intermediate

### ***MONITORING PAIN PRESCRIPTION TO ENSURE PATIENT, COMMUNITY, and PRACTICE SAFETY***

Practitioners treating chronic pain frequently order urine tests looking for evidence of analgesic drugs and other controlled substances to help assure compliance and to help detect undeclared use and diversion. This presentation will address the emerging clinical laboratory testing used in pain management, the analytical methods and the interpretation of the laboratory test results. Clinical cases will be reviewed and time will be available for questions and comments.

#### **GRANT D. BEARDSLEY, MS, MT(ASCP)**

Clinical Toxicologist and Manager of Drug Testing  
PeaceHealth Laboratories (formerly OML)  
Springfield, Oregon

*This session is partially sponsored by PeaceHealth Laboratories*

## Session Descriptions

**Session #11** 1:30 – 4:30 PM Intermediate

### ***DOMESTIC VIOLENCE SCREENING***

The Center for Disease Control has designated Domestic and Sexual Violence as a public health issue. Tillamook County Women's Resource Center believes that education regarding these issues will contribute toward the goal of reducing violence in our communities. This session will identify some causes of domestic violence, discuss some barriers that victims face when seeking help, and, in an effort to offer the best possible support, learn techniques for communicating with health care clients.

#### **DEBORAH YUND**

Education Coordinator  
Tillamook County Women's Resource Center

**Session #12** 1:00 – 4:30 PM Intermediate

### ***"A TINY PINCH" - THE LEGALITIES ASSOCIATED WITH PHLEBOTOMY PROCEDURES***

"This won't hurt a bit..." or will it hurt for a very long time? In this session we will explore real legal cases involving phlebotomy-related injury and their outcomes. In addition, we will discuss ways to avoid becoming involved in a lawsuit – as a phlebotomist, a supervisor, or a consumer. Knowledge of current CLSI is helpful but not necessary.

#### **LISA G. COUNTRYMAN-JONES, BS MT(ASCP), CLS, CPT(NCA)**

Faculty/Clinical Laboratory Practice Coordinator  
Portland Community College  
Portland, OR

## EXPLANATION AND DEFINITIONS OF TERMS AND CONDITIONS

**FEES:** All fees listed on the following page apply only to those registrations postmarked before August 25, 2009. An additional \$10.00 fee will be charged when registering at the seminar site. A late fee is not assessed for registrations postmarked after the deadline; however, registering prior to the deadline allows us to better serve our participants. The all-day registration fee includes lunch; the half-day registrations do not include lunch. Lunch not available for on-site registrants due to the 72-hour guarantee required by the hotel.

**PAYMENT/RECEIPTS:** Full payment must accompany all registrations. Those registrations received without full payment will be held and the registrant notified. No further action will be taken on these registrations until full payment is received. Receipts are available at the seminar and are included in each registration packet.

**REGISTRATION QUESTIONS:** If you have any questions regarding your seminar registration, please contact: Edna Anderson, Reg. Chair, 1397 Redwood St. NW, Salem, Oregon 97304 or leave a message at (503) 364-5645; e-mail at: [ema46@comcast.net](mailto:ema46@comcast.net)

**REFUNDS:** Due to the Scientific Seminar's obligations to the hotel, there will be no refunds.

### **ATTENDANCE CATEGORIES:**

**MEMBER:** A current member in good standing of the American Society for Clinical Laboratory Science (ASCLS), the American Medical Technologists (AMT) or the Clinical Microbiology Grand Rounds (Portland).

**COLLABORATIVE MEMBER (ASCLS):** A current collaborative member in good standing of the American Society for Clinical Laboratory Science (ASCLS). To receive special rates you must submit a photocopy of your membership card along with the registration form.

**STUDENT:** Any person who is engaged, at least half-time, in a recognized program leading to either an Associate or Bachelor degree in Clinical Laboratory Science (Medical Technology) or one who is in a recognized Clinical Laboratory Internship program.

**PHLEBOTOMIST:** Any person whose primary responsibility is phlebotomy and who does not perform technical sample analysis.

**RMA/AAMA/COLT:** A special reduced rate is available to current members in good standing of the American Medical Technologists/Registered Medical Assistants.

**EMERITUS/HONORARY:** Any person who is an honorary or emeritus member of the ASCLS or AMT is eligible for special rates.

**P.A.C.E. ®/AMTIE VALIDATION:** P.A.C.E.® numbers will be announced at the end of each session. Certificates will be available on-line after the end of the Seminar. Those requiring AMTIE units will need to sign the attendance roster distributed at each session and complete the required information on your personal certificate. After attending your last session, take your completed certificate to the AMTIE desk for validation.

# Registration Page

Postmark by August 26, 2009

2009 Oregon Scientific Seminar -- September 17 - 18, 2009, Newport, OR

Please Print:

Name: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

Phone (day): \_\_\_\_\_ Phone(eve): \_\_\_\_\_

E-mail: \_\_\_\_\_

Institution: \_\_\_\_\_

City: \_\_\_\_\_

Membership Affiliation: To receive member rates you must submit a photocopy of your membership card along with the registration form. (Please bring your membership card with you to the meeting)

ASCLS# \_\_\_\_\_

AMT# \_\_\_\_\_

Clinical Microbiology Grand Rounds

Would you be willing to serve as a session moderator?  Yes  No  
Volunteers will be notified one week prior to the session

All full-day preregistrations include lunch  
Check here if you prefer:  Vegetarian meal

## PLEASE CIRCLE ALL SESSIONS YOU PLAN TO ATTEND

	Thursday		Friday
AM	1 2 3		AM 6 7 8 9
PM	1 4 5		PM 6 10 11 12

**CONTINUE REGISTRATION - OVER**

**MEMBER AMT/ASCLS/MICRO** (Please see membership affiliation information)

Technical/Administrative Professional

Full Day ..... days @ \$75.00 \$ \_\_\_\_\_

Half Day ..... 1/2 days @ \$40.00 \$ \_\_\_\_\_

Phlebotomist/RMA/COLT

Full Day ..... days @ \$30.00 \$ \_\_\_\_\_

Half Day ..... 1/2 days @ \$20.00 \$ \_\_\_\_\_

Student/Emeritus/Honorary

Full Day ..... days @ \$20.00 \$ \_\_\_\_\_

**NONMEMBER**

Technical/Administrative Professional

Full Day ..... days @ \$150.00 \$ \_\_\_\_\_

Half Day ..... 1/2 days @ \$90.00 \$ \_\_\_\_\_

Phlebotomist/Medical Assistant

Full Day ..... days @ \$60.00 \$ \_\_\_\_\_

Half Day ..... 1/2 days @ \$35.00 \$ \_\_\_\_\_

Student

Full Day ..... days @ \$30.00 \$ \_\_\_\_\_

TOTAL ..... \$ \_\_\_\_\_

Make checks payable to OSS -- No Refunds

**PAYMENT:** Full payment must accompany all registrations. Those registrations received without full payment will be held and the registrant notified. No further action will be taken on these registrations until full registration is received.

**RECEIPTS:** receipts are available at the seminar, and will be included in each registration packet.

**Mail to:** Edna Anderson, OSS Reg. Chair, 1397 Redwood St., NW, Salem, OR 97304; 503.364.5645 (calls returned evenings); e-mail:ema46@comcast.net

**WANTED:** Volunteers

**REWARD:** Free attendance at the 2011 Scientific Seminar, supporting your profession, enhancing your skills...

Planning and holding a meeting like the Scientific Seminar takes many dedicated and talented people just like you. Would you like to spend a few hours a month making next year's meeting a success? The Scientific Seminar needs your energy and enthusiasm.

Would you like to help us plan the next meeting?  **Yes, please send me more information about how I can participate in planning the next meeting!**

## Best Western Agate Beach Inn

3019 North Coast Hwy • Newport, OR 97365  
1-800-547-3310 • Fax: 1-541-265-5342  
Visit the Inn website at: [www.agatebeachinn.com](http://www.agatebeachinn.com)

### **Room Rates (all rooms subject to a 10.5% tax)**

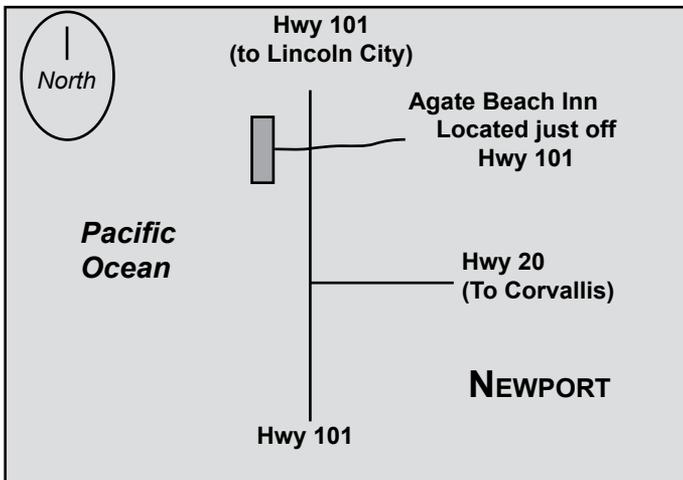
Ocean View: Single/Double Occupancy - \$119.00

Non-View: Single/Double Occupancy - \$99.00

Amenities include: fitness room, lounge, cafe, indoor pool/hot tub, game room; additionally, all rooms have a cable TV, VCR, data port telephones, microwave, refrigerator and complimentary in room coffee.

*Seminar room rates can be guaranteed only until  
August 26, 2009.*

*When calling for reservations, mention the Oregon Scientific  
Seminar to ensure receiving the special room rate.*



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Salem, OR 97304

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If the subject matter of this seminar is not relevant to your field of interest, please consider forwarding this brochure to other members of your organization who may find it more applicable.