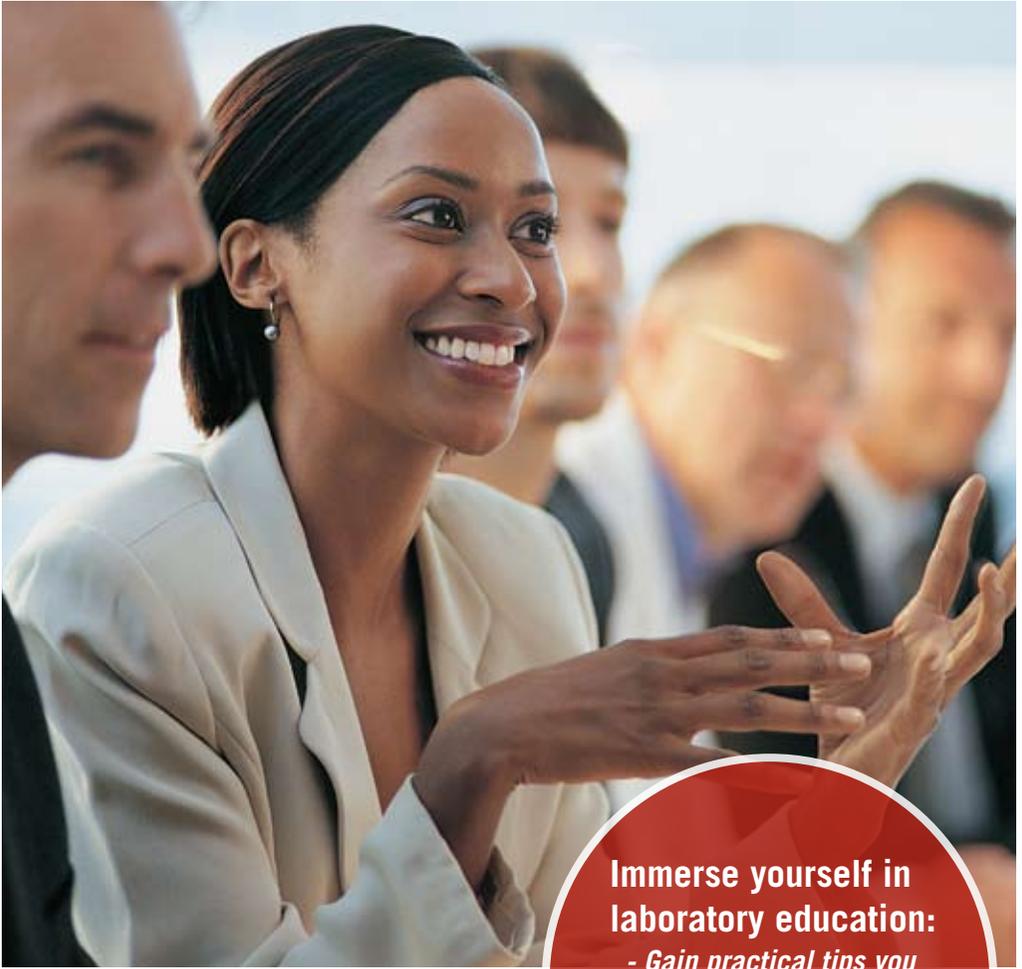




American Society for
Clinical Pathology

WORKSHOPS
FOR LABORATORY PROFESSIONALS



**Immerse yourself in
laboratory education:**

- Gain practical tips you can apply in your lab
- Network with peers and experts
- Earn points for CMP

Atlanta

October 1-3, 2008

*Hyatt Regency Atlanta
Atlanta, GA*



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Journey with us to your future in laboratory medicine.

ASCP Workshops for Laboratory Professionals

Whether you want to **update your skills**, get **cross-training**, learn about **new procedures** and technology, or enhance your knowledge of your core competency, ASCP Workshops for Laboratory Professionals offer the quality training you need to take you where you want to go. Covering major laboratory specialties that include hematology, body fluids, microbiology, chemistry, quality control, and more, they're the best way to **immerse yourself** in a specific topic in just one day.

Learn from practicing experts. ASCP Workshops for Laboratory Professionals bring the **"best of the best"** in laboratory medicine close to home. They offer a unique opportunity to ask questions and engage in discussions with expert practitioners. They are also a great way to share experiences with other people who are doing the same work that you're doing every day.

Get "how-to" information. Get practical information that you can use right away. You'll receive tips and advice from leading authorities that you can incorporate into your own lab work.

Catch up on recent advances and new procedures. Because they're working on the leading edge of their specialties, workshop instructors can share the very latest knowledge and procedures—a fact that is sure to give you a competitive edge for taking your career to the next level.

Earn CMLE credits. Workshops provide up to 6.5 CMLE credits in one day. You can apply the credit hours you earn toward ASCP Board of Registry Certification Maintenance Program (CMP) requirements. ASCP Workshops are also accepted for licensure by California, Florida, Louisiana, and many other states.

Download your course materials. Beginning **September 1, 2008**, you'll be able to **download course materials for your workshops**, so you're **prepared with questions and discussion points when you arrive**. **Bring your printouts with you, because printed course materials will not be available at the workshops.**

2008 Workshops for Laboratory Professionals

Indianapolis September 10-12

Minneapolis September 10-12

Anaheim September 24-26

Atlanta October 1-3

Springfield (MA) October 22-24

Dallas October 28-31

Phoenix November 12-14

Coming in Spring 2009:

Baltimore, San Francisco, Chicago, New Jersey

These popular Workshops fill up fast. Be sure to register early and save!
www.ascp.org/workshops

2598 Clinical Chemistry: Carbs, Lytes, Proteins, Kidney & Liver

8:00 am-3:30 pm 6.5 CMLE Credits

Mary Hotaling, MS, MT(ASCP)DLM

Clinical Assistant Professor, SUNY at Stony Brook, Stony Brook, New York; Lead Medical Technologist, Good Samaritan Hospital Medical Center, West Islip, New York

Do you need to update your skills and problem-solving abilities in the chemistry laboratory? Are you involved in cross training in chemistry as a teacher or a learner? Then this is the workshop for you!

You'll participate in a thorough discussion of the practical and clinical issues relevant to testing in today's automated chemistry lab, including pertinent information on the newer assays and methodologies available for more rapid and accurate diagnoses of various disorders, with focus on carbohydrates, renal function, electrolytes, proteins, and liver function.

Case studies will be used to complement the information presented and challenge your knowledge.

Following this workshop, you will be able to:

- Correlate clinical and laboratory data with frequently encountered disease states.
- Describe newer assays and methodologies available to the routine chemistry laboratory.
- Discuss methods that can result in a more accurate, cost-effective diagnosis.

5898 A Look at Blood Smears Utilizing Real-Time Microscopy

Learn morphology from a morphologist who will be scanning actual blood smears projected on a large screen by video microscopy.

8:00 am-3:30 pm 6.5 CMLE Credits



Gene L. Gulati, PhD, SH(ASCP)DLM

Associate Director, Hematology Laboratory, Thomas Jefferson University Hospital, Philadelphia, Pennsylvania; Clinical Professor of Pathology, Anatomy, and Cell Biology, Jefferson Medical College, Philadelphia, Pennsylvania

Automated hematology analyzers have taken over the mundane task of performing differentials on normal blood specimens, leaving laboratorians with the important task of reading abnormal blood smears. But do you need help in recognizing abnormal findings in a blood smear? Do you feel anxious when you have to decide if it's a blast or an atypical lymph? How about a pyknotic neutrophil versus a nucleated red cell? Or choosing between a sickle cell or a nonspecific poikilocyte? Attend this unique workshop to learn to identify significant blood cell abnormalities and distinguish between those look-alike cells without asking for help from your more experienced peers. You'll make yourself more valuable in the workplace and contribute to efficient and cost effective patient care. In this workshop, selected blood smears revealing abnormalities of erythrocytes (RBC), leukocytes (WBC), and/or platelets will be projected on a large screen by video microscopy. You'll participate in identifying individual abnormalities with the help of the faculty. Representative morphologic abnormalities associated with various types of anemias, thalassemias, hemoglobinopathies, lymphoproliferative disorders, myeloproliferative disorders, and myelodysplastic syndromes will be presented. Participants may also submit a limited number of interesting smears to the faculty for review and presentation during the workshop, time permitting.

Following this workshop, you will be able to:

- Recognize and classify abnormal RBC.
- Identify and distinguish between abnormal WBC.
- Detect platelet abnormalities.
- Determine other significant findings in a blood smear.

5799 Down and Dirty Coagulation: Practical Solutions and Answers!

8:00 am-3:30 pm 6.5 CMLE Credits

Donna D. Castellone, MS, MT(ASCP)SH

Instructor, Department of Pathology, Research Coordinator for Translational Research; Coagulation Consultant, Special Coagulation, The Mount Sinai Medical Center, New York, New York

Do you fully understand coagulation? If not, then this is your workshop. Whether you are a supervisor or work the bench, this is coagulation problem solving the way it was meant to be! You'll review principles and testing used every day, so that not only will the results be meaningful to you, but also you'll gain practical solutions to questions such as these:

- What aspects of the sample can I control?
- What samples are acceptable and which should I reject?
- How do the new anti-thrombins affect my results?
- How do my reagents work? Why is my normal range important?
- What do those d-dimer results mean? What about the NPV?
- What tests should I be doing? Should I "make or buy" a test?
- How can I ensure quality results?
- What about the new anticoagulants? How do they affect my results?
- What are the new tests in coagulation? What do new genetic mutations mean?

Following this workshop, you will be able to:

- Discuss the effects of preanalytical variables on coagulation results.
- Describe and analyze problems with the INR.
- Apply problem solving skills.
- Explain algorithms for hypercoagulability and d-dimer testing.

9663 Practical Applications of Statistical Methods in the Clinical Laboratory

8:30 am-5:00 pm 7.0 CMLE Credits

Roger L. Bertholf, PhD

Chief of Clinical Chemistry and Toxicology, Associate Professor of Pathology, University of Florida Health Science Center/Jacksonville, Jacksonville, Florida

The result is an abnormal value—how do you know it is correct? You are asked if your test result is valid—how do you respond? You are changing reagents and instruments—can you trust the results? The proper use of statistics is vital to produce the highest quality patient results with the best use of time and reagents. In this popular workshop, you will hone your skills in performing or teaching statistical methods. You'll build a solid conceptual basis in various statistical methods and learn how to use them to assess quality control, linearity, and method validity, through topics such as:

- interpreting quality control—the most up-to-date recommendations
- variance of single and comparative data, with discussions of linear regression and its practical application to calibration, method correlation, and linearity verification
- efficient methods for statistical verification of reference ranges
- using statistical methods to comply with CLIA'88 requirements and NCCLS-recommended protocols

Following this workshop, you will be able to:

- Define commonly used statistical terms.
- Apply statistical distributions to laboratory data analysis.
- Calculate variance, covariance, standard deviation, and standard error.
- Interpret QC data based on statistical principles.
- Apply statistical methods to the verification of method linearity, inter-method correlation, and reference ranges.
- Define the measures of clinical performance—sensitivity, specificity, positive and negative predictive value, and efficiency.

7300 Clinical Microbiology Review and Update

8:00 am-3:30 pm 6.5 CME Credits

Mary Elizabeth Miele, PhD, MT(ASCP), RM(NRM)

Education Coordinator, Penn State Milton S. Hershey Medical Center, Pathology and Laboratory Medicine Department, Hershey, Pennsylvania

Whether you are a generalist, rotate through microbiology, or teach others, you will want to attend this information-filled workshop. Stay current in the fundamental knowledge and techniques of microbiology with topics that will include:

- handling specimens: from the routine to those that represent life-threatening infections
- isolation techniques and appropriate methods for identifying suspected pathogens
- emerging pathogens, newly formulated antimicrobial agents, and recent changes in nomenclature of pathogens
- clinically significant organisms, including *Staphylococcus*, *Streptococcus*, *Enterococcus*, enteric and non-fermentative gram-negative rods, *Neisseria*, *Haemophilus*, *Pasteurella*, *Listeria*, *Vibrio*, *Aeromonas*, *Campylobacter* species, anaerobes, fungi

Case studies on infectious agents, including potential agents of biological warfare, will be presented throughout.

Following this workshop, you will be able to:

- Judge the quality of a specimen.
- Choose culture or non-culture methods for isolation and identification of significant pathogens.
- Discuss diseases caused by recently recognized pathogens, such as *Cryptosporidium parvum*, *Helicobacter pylori*, *Borrelia burgdorferi*, *Penicillium marneffeii*, and others.
- Identify etiologic agents of infection when given the specimen source, detailed medical history, and clinical data.
- Recognize recent nomenclature changes.

9326 Phlebotomy: Getting to the Point

8:00 am-3:30 pm 6.5 CME Credits

Kathleen Finnegan, MS, MT(ASCP)SH

Clinical Assistant Professor, Clinical Laboratory Sciences, School of Health Technology and Management, SUNY Health Science Center; Clinical Laboratory Technologist, University Hospital Medical Center, Stony Brook, New York

Hear the latest information on phlebotomy technique, regulatory issues and safety. This workshop is designed for those currently working on a phlebotomy service, those who supervise phlebotomists, and those who are responsible for the training or competency assessment of phlebotomists.

Topics will include:

- pre-analytical variables and their affect on laboratory testing
- safety and infection control (guidelines from CDC, OSHA)
- difficult draws (pediatric, geriatric)
- blood cultures and order of draw
- appropriate collection and transport
- malpractice and chain-of-custody
- quality assurance and competency

Case studies will be used throughout this workshop to demonstrate and reinforce the material presented.

Following this workshop, you will be able to:

- Discuss concepts to increase the overall quality of specimen collections.
- Understand the need for compliance with regulatory and safety guidelines in the phlebotomy area.
- Describe pre-analytical variables and their affect on laboratory testing.



Register Online

www.ascp.org/workshops

Register the quick, easy and secure way! Go online anytime—24 hours a day.

Register by Phone

800.267.2727 option 2 (international 312.541.4890) Monday-Friday (8:00am–5:00pm CT) Please have your email address and credit card available.

Register by Fax

312.541.4472 Please include e-mail address(es) and either credit card information or a purchase order with the registration form—anytime!

Register by Mail

ASCP Workshops
3462 Eagle Way
Chicago, IL 60678-1034
Include email address, credit card information, a check payable to ASCP, or a purchase order.

Instructions

On-site registration is on a space-materials available basis for \$10 additional fee per workshop.

To avoid postal delays, and to ensure that you have the best chance of enrolling in the workshops that interest you, we strongly recommend that you phone or fax your registration. Submit one form for each person attending. You may photocopy this form. Please type or print legibly.

If you register close to the workshop dates or if your institution handled your registration, be sure to bring a copy of your confirmation letter or purchase order. Registration fees include instruction and access to reference materials. Lunch will not be provided.

Registration confirmation and workshop information will be emailed to each participant. If you do not have an email address please call ASCP Customer Services toll free: 800.267.2727, option 2, Monday thru Friday, 8:00am-5:00pm CT (outside the continental U.S., 312.541.4890).

If you need accommodations that meet the regulations of the Americans with Disabilities Act, please indicate specific requirements in writing and attach them to the registration form.

Visit www.ascp.org/workshops for details on cancellations, transfers and substitutions.

ASCP Student Members

Student members attend free! Check the “Student” box next to the workshops that you wish to attend.

Group Discounts

Register five or more individual employees and get the ASCP member price for all registrations, regardless of membership status. This discount may not be combined with any other discounts.

Please attach a separate registration form including an email address for each individual (you may photocopy this form). To ensure your group discount, all registration forms must be included with your check or purchase order.

Planning to send a group of 15 or more? Contact Yvette Spriggs at 800.267.2727 x4733 for special pricing and details.

Download your course materials.

Beginning September 1, 2008, you'll be able to download course materials for your workshop, so you're prepared with questions and discussion points when you arrive. Bring your printouts with you, because printed course materials will not be available at the workshops.

Hotel Information

The Atlanta WLP will be held at the Hyatt Regency Atlanta, at 265 Peachtree St., Atlanta, GA. www.atlantaregency.hyatt.com **Phone:** (404) 577-1234

Conveniently located in the heart of downtown Atlanta, the Hyatt Regency Atlanta features newly renovated guestrooms and nearby shopping and dining in the adjoining Peachtree Center Mall. The hotel offers complimentary parking. Single and double accommodations are \$142 per night, plus applicable taxes. Room rate is guaranteed until September 15, 2008. When reserving your room, please mention ASCP to receive the group rate. Make your reservations now.



EMEDIA

Wednesday, October 1

	ASCP Member Advanced Discount	after 8/22/2008	Nonmember Advanced Discount	after 8/22/2008	Student	
2598 Clinical Chemistry: Carbs, Lytes, Proteins, Kidney & Liver	<input type="checkbox"/>	\$159	<input type="checkbox"/>	\$179	<input type="checkbox"/>	\$199
	<input type="checkbox"/>	\$199	<input type="checkbox"/>	\$219	<input type="checkbox"/>	
5898 A Look at Difficult Blood Smears Utilizing Real-Time Microscopy	<input type="checkbox"/>	\$159	<input type="checkbox"/>	\$179	<input type="checkbox"/>	\$199
	<input type="checkbox"/>	\$199	<input type="checkbox"/>	\$219	<input type="checkbox"/>	
					<input type="checkbox"/>	Subtotal \$ _____

Thursday, October 2

5799 Down and Dirty Coagulation	<input type="checkbox"/>	\$159	<input type="checkbox"/>	\$179	<input type="checkbox"/>	\$199
	<input type="checkbox"/>	\$199	<input type="checkbox"/>	\$219	<input type="checkbox"/>	
9663 Practical Applications of Statistical Methods in the Clinical Laboratory	<input type="checkbox"/>	\$159	<input type="checkbox"/>	\$179	<input type="checkbox"/>	\$199
	<input type="checkbox"/>	\$199	<input type="checkbox"/>	\$219	<input type="checkbox"/>	
					<input type="checkbox"/>	Subtotal \$ _____

Friday, October 3

7300 Clinical Microbiology Review and Update	<input type="checkbox"/>	\$159	<input type="checkbox"/>	\$179	<input type="checkbox"/>	\$199
	<input type="checkbox"/>	\$199	<input type="checkbox"/>	\$219	<input type="checkbox"/>	
9326 Phlebotomy: Getting to the Point	<input type="checkbox"/>	\$159	<input type="checkbox"/>	\$179	<input type="checkbox"/>	\$199
	<input type="checkbox"/>	\$199	<input type="checkbox"/>	\$219	<input type="checkbox"/>	
					<input type="checkbox"/>	Subtotal \$ _____

Total fees \$ _____

Registration Information

If applicable, enter your ASCP ID number below as it appears on your membership card. It begins with a zero. Membership dues must be current to receive discounts

ASCP ID NUMBER

PROMO CODE

Payment Information

Prepayment by check, credit card, or a purchase order is required in order to process your registration.

- Check enclosed (please make payable to ASCP)
 Purchase order number (please attach a copy of the purchase order)

Please charge to: Visa MasterCard AMEX



Account # _____

Expiration Date _____

Signature _____

Contact Information

Type or print the information requested, and include your name as it appears on your ASCP membership card, if applicable. Please include your e-mail address.

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Email (required) _____

Institution _____

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Country _____

Business phone _____

Home phone _____

Fax number _____

State license number, if applicable _____



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