

Welcome to the 2009 ASCLS-Idaho Spring Convention

Welcome to the 2009 ASCLS-Idaho Spring Convention, “A Greener Future for Laboratory Medicine: Doing More with Less”. We have a great program this year and hope that there is something for everyone. The planning committee has worked very hard to “do more with less”.

You will notice some changes this year as we strive to utilize our website. Putting information on the ASCLS-Idaho website www.asclsidaho.org has helped us disseminate information to more people while saving on printing and mailing costs. The internet is helping all of us “go green”.

We hope you enjoy all of the educational, personal and professional opportunities we have to offer. Take full advantage of your time with us and don’t forget to have fun too!

Heather Gunter, ASCLS-Idaho President

Spring Convention Planning Committee

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PACE® Validation

ASCLS-Idaho is an approved P.A.C.E. ® provider of continuing education programs. All general sessions and workshops at this conference are P.A.C.E. ® approved. Continuing education credits are now documented electronically by the participant through the ASCLS website using the CE Organizer program at the conclusion of the conference. All attendees will receive a P.A.C.E. ® Documentation Form with instructions when they register at the conference. This form will list all sessions and workshops with the P.A.C.E. ® number and a space to note the applicable session or workshop number. The session number is a unique number assigned to that session or workshop and will be announced at the end of the session. Attendees will need to write that number down on their P.A.C.E. ® Documentation Form. Within 30 days after the conclusion of the conference, attendees must log on to the CE Organizer at the ASCLS website to enter their documentation and print their P.A.C.E. ® certificate. After 30 days, attendees will be unable to enter documentation for this conference or print a P.A.C.E. ® certificate. Attendance rosters and P.A.C.E. ® stickers will NOT be used at this conference. Retain the completed P.A.C.E. ® Documentation Form along with the printed P.A.C.E. ® certificate for your permanent record.

ASCLS Membership

Becoming an ASCLS-Idaho Member: ASCLS-Idaho is the Idaho branch of the American Society for Clinical Laboratory Science. When you join, you become a member of both organizations. Your membership demonstrates your commitment to supporting and advancing your chosen profession. ASCLS and ASCLS-Idaho provide you with connections to other clinical laboratory professionals that can prove invaluable in your career. In addition, ASCLS maintains a professional lobbyist in Washington D.C. who monitors legislation that may affect our profession and actively works to represent our views and needs.

Special Promotion: If you are a 2-day non-member registrant and wish to join ASCLS as a Professional I member at this ASCLS-Idaho Spring Convention, you will receive 15 months of membership for the price of 12 months. The membership year is from August 1 through July 31. By joining now, you will be a member until the end of July 2010. This does not apply to lapsed memberships.

Professional I: \$102 (\$92 National dues + \$10 State dues)- Includes all membership privileges, discounts to continuing education events, and subscriptions to the monthly ASCLS newsletter ASCLS Today, the award-winning bi-monthly journal Clinical Laboratory Science, and the ASCLS-Idaho Newsletter Focus.

Professional II: \$80 (\$70 National dues + \$10 State dues) - Includes all the above except the subscription to Clinical Laboratory Science.

First Year Professional: \$50 (\$40 National dues + \$10 State dues) - Open to persons who have graduated from an accredited clinical laboratory science program within the last twelve months. Prior student membership with ASCLS is not a prerequisite. This membership status is valid for only one year to assist recent

graduates. After one year in this category, members are upgraded to Professional membership.

Student: \$25 (National dues only) - Open to persons enrolled in a structured program of training or academic instruction in Clinical Laboratory Science or to full-time graduate students in a related science area. Student membership includes all benefits of a Professional I membership.

Collaborative: \$40 – Requires membership in another health-related organization. Members in this category have no voting privileges.

ASCLS-Idaho Convention Sponsors

Helena Laboratories

Beckman Coulter

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Roche Diagnostics

Abbott Diagnostics

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ARUP Laboratories

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American Red Cross

The Binding Site

General Convention Information

Registration

Thursday, April 16 th	12:00 to 1:00 pm 4:30 to 5:30 pm
Friday, April 17 th	7:00 to 8:00 am 12:30 to 1:30 pm
Saturday, April 18 th	7:30 to 8:00 am 1:30 to 1:45 pm

Exhibits

Thursday, April 16 th	
Exhibitor Reception	4:30 to 7:00 pm
Friday, April 17 th	
Brunch	9:15 to 10:30 am
Lunch	12:00 to 1:30 pm

Business Meetings

Thursday, April 16 th	
ASCLS-Idaho Board Meeting	11:00 to 12:00 am
Friday, April 17 th	
Educator's Forum	7:00 to 8:00 am
ASCLS Business Lunch	12:00 to 1:45 pm

Social Functions

Thursday, April 16 th	
Exhibitor Reception	4:30 to 7:00 pm
Friday, April 17 th	
Brunch with Exhibitors	9:15 to 10:30 am
Lunch with Exhibitors	12:00 to 1:30 pm
Banquet	6:00 to 8:30 pm

ASCLS-Idaho Convention Schedule

Thursday, April 16th

ASCLS-Idaho Board Meeting	11:00 to 12:00 am
Registration	12:00 to 1:00 pm
Workshops	1:00 to 2:30 pm
Break	2:30 to 3:00 pm
Workshops	3:00 to 4:30 pm
Exhibitor Reception	4:30 to 7:00 pm

Friday, April 17th

Registration	7:00 to 7:45 am
Educator's Forum	7:00 to 8:00 am
Welcome	7:45 to 8:00 am
Keynote	8:00 to 9:15 am
Brunch with Exhibitors	9:15 to 10:30am
General Session	10:30 to 12:00 am
Lunch with Exhibitors	12:00 to 1:30 pm
Workshops	1:30 to 3:00 pm
Break	3:00 to 3:30 pm
Workshops	3:30 to 5:00 pm
Banquet	6:00 to 8:30 pm

Saturday, April 18th

Scientific Assembly	8:00 to 9:30 am
General Session	9:45 to 10:45 am
General Session	10:50 to 11:50 am
Business Lunch	12:00 to 1:45 pm
Workshops	2:00 to 4:00 pm

2009 Convention Program

Thursday, April 16th

1:00 to 4:30

A1. Flow Cytometry I

A2. Flow Cytometry II

Speaker: Dave Osborn MT (ASCP)

Sponsor: Beckman Coulter

Contact Hours: 3

This session will introduce the participants to the basics of flow cytometry. These basics include: general design of flow cytometers, basic Immunology, and phenotypes of various neoplasms. Other diseases that the flow cytometer has applications for will be discussed.

1:00 to 2:30

A3. Cardiac Testing and Detection

Speaker: Theresa Joseph, RN

Sponsor: Roche Diagnostics

Contact Hours: 1.5

Cardiac testing is an essential part of emergency care for patients. This presentation will review all aspects of cardiac testing and detection.

3:00 to 4:30

A4. Transplants and Immunosuppression

Speaker: Ramani Wonderling, Ph.D.

Sponsor: Abbott Diagnostics

Contact Hours: 1.5

This presentation will provide a brief history and overview of solid organ transplantation and the basics of immunosuppression. The new guidelines from the 2007 IATDMCT meeting will be reviewed as well as the role of immunosuppressive therapy, drug monitoring, and future trends in the design and dosage of immunosuppressant drugs.

Friday, April 17th

08:00 to 9:15

Keynote: Pharmaceuticals in the Environment & Monitoring Groundwater for Pharmaceuticals and Personal Care Products

Speakers: Jeff Fromm & Tressa Nicholas

Contact Hours: 1

This presentation will provide an overview on pharmaceuticals in wastewater. The discussion will cover the sources of the pharmaceuticals, occurrence in bodies of water and observed and potential ecological and human health effects, treatment and prevention. The participants will learn about the results of an Idaho study site where groundwater was monitored.

10:30 to 12:00

Emerging Diseases

Speaker: Sky Blue, MD

Contact Hours: 1.5

This presentation will provide an update to the participants regarding emerging diseases.

1:30 to 3:00

B1. Automated Urinalysis

Speaker: Linda McGowan MLT (ASCP)

Sponsor: IRIS

Contact Hours: 1.5

Automated urinalysis applications will be presented. This session will focus on making good decisions when automating urine testing in the laboratory.

1:30 to 3:00

B3. Biomarkers in Prostate and Breast Cancer

Speaker: Dr. Monet Sayegh MD, MS, BS, MT (ASCP) SH, CLS.

Sponsor: Siemens

Contact Hours: 1.5

This seminar discusses the current utility of PSA testing, along with the newer methods to improve specificity and sensitivity, including ratio testing with free to total PSA, ultra sensitive PSA and direct detection of the complexed PSA isoform. The role of HER2/neu in the diagnosis and monitoring of breast cancer is also reviewed, including tests that utilize either tissue or serum samples.

1:30 to 3:00

B5. Case Studies in Hemostasis

Speaker: George Rodgers III, MD, Ph.D.

Sponsor: ARUP Laboratories

Contact Hours: 1.5

The program will identify approaches to the laboratory evaluation of patients with disorders of hemostasis and thrombosis and examine consensus recommendations for coagulation testing.

3:30 to 5:00

B2. Hospital Acquired Infections: Zeroing in on Getting to Zero

Speaker: Michael Bell

Sponsor: CEPHEID

Contact Hours: 1.5

Hospital acquired infections account for a significant amount of health care costs. The ability to eradicate these infections would improve patient outcomes and decrease health care spending. This presentation will address some of the ways to identify and stop these infections.

3:30 to 5:00

B4. Hematology Case Studies

Speaker: Dawn Robertson

Sponsor: Beckman Coulter

Contact Hours: 1.5

A review of hematology case studies will be presented covering several areas of hematology.

3:30 to 5:00

B6. Blood Bank Topics

Speaker: Anne Stroup MD

Sponsor: American Red Cross

Contact Hours: 1.5

This session will review various blood bank topics.

Exhibitors

Abbott Diagnostics

American Red Cross

Antek Healthcare

Bartels & Stout

Beckman Coulter

The Binding Site

Bio-Rad

Bureau of Labs

Cardinal Health Care

Hardy Diagnostics

Immuncor Gamma

Instrumentation Laboratory

Iris Diagnostics

Millipore

Nikon

Quidel

Quest Diagnostics

Rees Scientific

Remel

Siemens

Sysmex

Thermofisher Scientific

Saturday, April 18th

8:00 to 9:30

Scientific Assembly: ISU Student Presentations & Forum

Contact Hours: 1.5

9:45 to 10:45

Lab Zebras: Weird Laboratory Case Studies

Speaker: Jim Peterson, Ph.D.

Sponsor: Quest Diagnostics

Contact Hour: 1

Pre-analytical events can have great influence on laboratory testing to the point that the results are too strange to believe. This session discusses some example cases where strange pre-analytical influences went undetected until some time after testing occurred. After this session, participants will be able to name some of the potential pre-analytical influences and use some of the strategies given to effectively investigate problems.

10:50 to 11:50

Involving Patients and Families in Their Laboratory Services

Speaker: Susan Morris, CLS (NCA), MS

Contact Hour: 1

The Joint Commission is holding accredited healthcare organizations accountable for compliance with National Patient Safety Goal (NPSG) 13. NPSG 13 promotes patients' active involvement in their own care as a patient safety strategy and as part of a national agenda for improving the safety of healthcare. Due to the laboratories interactions with the majority of hospital patients, Laboratorians have an opportunity to take the lead in developing systems for patient involvement within their organizations. Participants will learn about the challenges that must be resolved, share strategies that their organizations are using to achieve compliance and improve the safety of the care they provide.

2:00 to 4:00

C1. CLIA Regulations

Speaker: Dave Eisentrager, MT (ASCP)

Contact Hours: 2

The CLIA seminar will be covering several topics that are of current interest and include: package inserts, equivalent quality control, validations and instrument performance specifications. Microbiology issues and transfusion fatalities will also be discussed.

2:00 to 4:00

C3. Kappa/Lambda Light Chains The Binding Site

Speaker: Anne L. Sherwood, Ph.D.

Sponsor: The Binding Site

Contact Hours: 2

Free light chain assays provide a sensitive indicator of patient status in the diagnosis, treatment and remission of Multiple Myeloma and other B-cell dyscrasias. Concepts of the biology of free light chain processing in vivo as it affects test results in clinical samples will be presented. Utilization of the free light chain assay and / free light chain ratios for risk stratification, diagnosis and monitoring of monoclonal gammopathies and updates on recent studies that describe the utility of the sFLC assay for patient management will be discussed.

2:00 to 4:00

C2. Body Fluids

Speaker: Jeri Walters, SH (ASCP)

Sponsor: Sysmex

Contact Hours: 2

One of the most feared procedures in the laboratory is body fluid analysis. Body fluids are unique, hard to obtain samples which often contain cells that are not routinely encountered in a routine hematology blood specimen. This presentation will provide a logical approach to the hematologic examination of CSF, serous, and synovial fluids. Primary emphasis will be cell identification in these various fluids and differentiation of benign and malignant cells. Cell counting techniques, both manual and automated will be discussed.

Speaker Information

Linda McGowan MLT (ASCP) is the Field Application Specialist for Iris Diagnostics. She started her career as a generalist in a medical laboratory and later moved on to become the laboratory supervisor for the largest independent reproductive and infertility facility in Minnesota. She then spent seven years as a technical representative for a major immunoassay company validating instruments and training customers before taking her position with Iris.

Monet N. Sayegh, MD, M.S., B.S., M.T. (ASCP) S.H., C.L.S. is a Medical Consultant with a focus on Allergy, Immunology, Endocrinology, Cardiology, Oncology, and Infectious disease for Siemens Healthcare Diagnostics in the State Disease Strategic Planning Department. Dr. Sayegh received his Bachelor of Science in Biology and Chemistry from the University of Mobile in Mobile, AL, Medical Technology from Anderson Memorial Hospital School of Medical Technology in Anderson, SC, Master of Science in Health Sciences with emphasis on Hematology/Oncology from the American University School of Graduate Studies in Coral Gables, FL and awarded Doctor of Medicine Degree from the American University School of Medicine in Coral Gables, FL. His Post-graduate training is in General Surgery with emphasis on Emergency Non-Trauma Minimally Invasive Laparoscopic Surgery from the University of Southern California in Los Angeles, CA. Dr. Sayegh has Over 20 years of experience in the fields of Medicine, Research, Surgery and Clinical Laboratory Science.

Anne L. Sherwood, Ph.D. is currently the Technical Director for The Binding Site. She received her B.A. in Biology from Kenyon College, a M.S. in Microbiology from the University of Arkansas and a Ph.D. in Virology and Molecular Biology from Purdue University. Dr. Sherwood's Post-Doctoral Research was conducted at the University of Washington, Dept. of Biochemistry. Dr. Sherwood has published and lectured extensively. She has one patent and two others pending.

Ramani Wonderling, Ph.D. received her PhD in Microbiology and Immunology from the University of South Carolina, School of Medicine. She engaged in a postdoctoral fellowship at the National Institutes of Health in Bethesda, MD and worked on molecular biology of AAV of its utility as a gene therapy vector. She worked on cytokine discovery, diagnostics, DNA vaccines and cytokine therapeutics at Heska Corporation in Fort Collins, CO before joining Abbott. During her nine-year tenure at Abbott Diagnostics she has been part of diagnostic R&D and developed reagents for the diagnosis of Hepatitis, HIV, Toxoplasmosis and Chagas disease. She joined Scientific Affairs in 2006 and functions as scientific liaison between Abbott Diagnostics and the customers. Dr. Wonderling has seven patents on cytokine discovery and one on DNA vaccine methodology. She has also twelve publications in peer-reviewed journals.

Jeri Walters, SH (ASCP) is the Technical supervisor of Esoteric Testing at ACL Laboratories.

Sky Blue, MD graduated in 1989 from the University Of Iowa College Of Medicine. His residency was at Good Samaritan Regional Medical Center in Phoenix, Arizona. He is Board Certified in Internal Medicine, Infectious Diseases, and is an HIV specialist. Dr. Blue was honored by the AMA with the Physician Recognition Award in 2001 and 2004. He currently is in private practice in Infectious Diseases and serves as a Consultant for both Clinical Inpatients and Ambulatory Clinics. Dr. Blue has presented nationally and has authored numerous publications.

David Eisentrager MT (ASCP) has been in the Clinical Laboratory Science field for 36 years. He spent 17 years at St. Alphonsus Hospital Lab working as a bench tech generalist and four of those years as manager of the lab. In 1990 he accepted the field inspector position at the Bureau of Laboratories and traveled the state for two years performing inspections for the Laboratory Improvement Section. He has served as director of the State of Idaho Proficiency Testing program and is the State training coordinator for the National Laboratory Training Network and the Association of Public Health Labs.

Jeff Fromm, Idaho Department of Environmental Quality, works with the environmental risk assessment of chemicals and radionuclides at hazardous waste sites, including DOE, DOD, and mining sites for 16 years. He provides technical support in toxicology to DEQ programs and regional offices. Current interests include developing methodology for microbial pathogen risk assessment for water reuse.

Theresa M. Joseph, RN is the Cardiac Clinical Specialist for Roche Diagnostics Corporation. Among her responsibilities are education of doctors, CLS, and RNs about Cardiac Biomarkers. Theresa also has experience in management and sales. Theresa was the Staff and Charge Nurse in ICU and CCU at the Medical Center of Aurora, Colorado. She received a Bachelor of Science in Nursing from the University of Colorado.

Tressa Nicholas received a degree in biochemistry, is currently working at DEQ, while completing a master's degree in Civil and Environmental Engineering.

Dr. James Peterson, Ph.D. received his Ph.D. from Louisiana State University Medical Center Department of Pathology in 1983. He is the Director of Quality Assurance and Customer Service for Quest Diagnostics. From 1984-1993, he was the Technical Consultant for Smith Kline Beecham Clinical Laboratories. He is a member of the Washington State Department of Health- Clinical Laboratory Advisory Council and their Hepatitis C Task Force.

Susan Morris, CLS (NCA), MT (ASCP), MS is the Patient Safety Officer at St. Luke's Magic Valley Medical Center. Susan has a Masters Degree in Public Health and a Bachelor of Science degree in Microbiology from Cal State University Long Beach. Susan is serving as NCA President and has served as the President of ASCLS. Susan has been very active at all levels in ASCLS. Recently, Susan has been recognized for her efforts in establishing the "900 Women Program". This program increases breast cancer awareness and has helped increase the number of women being screened.

Annie Strupp, MD is Chief Medical Officer at the Lewis and Clark Region of the American Red Cross. As a pathologist, Dr. Strupp has specialized in medical issues related to blood banking for more than twenty years. Along with her hospital appointments, she has served as medical director both at hospital blood banks and independent blood centers. When she joined the American Red Cross Lewis and Clark Region as medical director, she became responsible for all medical issues related to blood donations, clinic and therapeutic blood services, and emergency release of blood products in Utah, Idaho and Montana.

Brian Carrier graduated from University of Utah with a BS in Psychology and has been working on an MBA as time allows. He began his career in Medical/laboratory sales and has worked with notable companies such as Boehringer Mannheim, Roche Diagnostics, Diagnostic Products Corporation (DPC) and Fisher Scientific. He has been involved with new product development, market research, sales training, management training, new hire training and Six Sigma training.

Michael Bell works for CEPHEID.

Dave Osborn MT (ASCP) is the Senior Cytometry Account Manager for Beckman Coulter. He previously worked as a Technical Supervisor of Hemopathology at Deaconess Medical Center.

George Rodgers, III, MD, Ph.D. is a physician at Primary Children's Medical Center and a specialty consultant in hematology for the University of Utah. He has lectured extensively on a wide range of coagulations topics and has authored many publications.

Dawn Robertson works for Beckman Coulter.