



PROGRAM

ASCLS-IL Annual Meeting & Exhibits

April 14-16, 2015

**Par-A-Dice Hotel Casino
7 Blackjack Boulevard, East Peoria, Illinois**

The ASCLS-IL Annual Meeting is an important event for all clinical laboratory practitioners, clinical laboratory educators, and students. You are personally invited to join your colleagues for an exciting meeting filled with scientific sessions and vendor exhibits. Take this opportunity to network with your peers, to celebrate and collaborate with one another, and to discover new ideas/new applications in clinical laboratory science!

An ongoing tradition, the Student Bowl Competition will once again be held at this meeting. Please come and cheer on these fine MLS and MLT students, our future colleagues, and recognize their hard work and success!

**Make plans now to join us in East Peoria!
Register by March 27, 2015**

“SEE HOW IT PLAYS IN PEORIA” (and EAST PEORIA)!



Just like in the old vaudevillian days, it is still good to play in Peoria! One of the oldest communities in Illinois with a combined population of 150,000, Peoria and East Peoria are equal distance from Chicago and St. Louis. Peoria is a three-time All American City that is well-known throughout the Midwest and gets its name from the Aboriginal inhabitants encountered by the first wave of French explorers along the Illinois River. East Peoria is a natural extension of that All-American City just across the river!

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Discover East Peoria!

www.cityofeastpeoria.com/tourism

While Peoria houses the corporate headquarters of Caterpillar, Inc., East Peoria, located across the Illinois River from the city, is known for housing much of the manufacturing giant's business. Both cities attract many related businesses and industries as well. The Peoria/East Peoria area is widely known for its healthcare community anchored by OSF Saint Francis Medical Center, UnityPoint Health – Methodist, and UnityPoint Health – Proctor as well as for universities and colleges like Bradley University, Robert Morris, and Illinois Central College.

East Peoria dining options include traditional Mexican food, the locally revered “Wonder Dog,” Italian cuisine, fresh seafood, and much more. From tasty fare at the best oyster bar in central Illinois or cheddar ale soup at Granite City to mouthwatering pizza from Davis Brothers, it's impossible to go wrong. Family restaurants and national chains are equally well-represented in East Peoria, and many even come with amazing views of the Illinois River. Most are located near East Peoria hotels, meeting centers, and entertainment venues.

East Peoria tourism and business travel continue to grow. National hotel chains have risen to the occasion by establishing locations near the city's new downtown, or the Levee District, as well as other sites around the city. Leisure and business travelers alike can enjoy the rustic charm of Stoney Creek Inn and the convenient riverfront location of East Peoria Embassy Suites. Doing business in East Peoria or downtown Peoria is easy when staying at any East Peoria hotel. Well-equipped conference rooms, plenty of business-friendly amenities and proximity to dozens of restaurants in East Peoria make these hotels a great value.

East Peoria hotels are also a great choice when it comes to leisure travel. Families appreciate having easy access to sporting events, Splashdown Water Park, the Par-A-Dice Casino, concert venues, cultural events, East Peoria trails and the annual Festival of Lights. Whether visiting East Peoria attractions or attending special events throughout Central Illinois, visitors find East Peoria travel easy, affordable, and enjoyable.

The Peoria RiverFront has More for Everyone!

www.peoriariverfront.com

The Peoria RiverFront is one of Illinois' oldest and most exciting regions, alive with adventure and fun for all. Enjoy arts, entertainment, and eateries in a friendly, vibrant urban environment, located just across the I-74 Murray Baker bridge from the Par-A-Dice in East Peoria! Check out the downtown area as well with its restaurants and venues, Dozer Park baseball stadium (home of the St. Louis Cardinals minor league team, the Peoria Chiefs) and the Peoria Civic Center with concerts, sporting events and theater.



General Information

Acknowledgments

ASCLS-IL would like to thank all sponsors participating in this year's meeting. A complete list of these sponsors and exhibitors will be available at the meeting.

Accommodations

The aptly-named Par-A-Dice Hotel Casino, a contemporary mega-yacht and hotel, offers dockside gaming on the Illinois River, directly across from Peoria. The complex includes a 202-room hotel, three restaurants, a lounge and bar, retail areas, and convention space among the amenities readily available to customers.

Par-A-Dice Hotel Casino
21 Blackjack Blvd., East Peoria, IL 61611
309-699-7711
800-PAR-A-DICE (800-727-2342)
www.paradicecasino.com/hotel

- Spacious riverboat casino with 26,000 square feet of casino space, including more than 1,100 slots and 24 table games
- Three restaurants offering delicious fare from fast food to fine dining as well as lounge & bar
- Easy access right off Interstate 74; close to many other dining options
- Meeting and convention facilities with complimentary parking
- Fitness center

Hotel Reservations at the Par-A-Dice Hotel Casino

Make your reservations now!

The special nightly rate is \$98 for single/double/triple/quad occupancy (room type king or double queen non-smoking) plus 11 percent tax. Reservations can be made by calling the Par-A-Dice 309-699-7711 or through www.paradicecasino.com/groups.

To obtain the special group rate, please use the group code 0415CLS. March 30 is the last date to obtain this special rate!

Other Local Hotels

If available:

- Hampton Inn – 0.15 miles from Par-A-Dice
- Fairfield Inn – 0.9 miles from Par-A-Dice
- Holiday Inn and Suites – 1.42 miles from Par-A-Dice

Driving Directions

Go to www.paradicecasino.com. See "Directions" for maps and individualized MapQuests.



Visiting East Peoria? • Moving to East Peoria? • Doing Business in East Peoria?

WelcomeToEastPeoria.com

Registration Information

Full Registration

Fee includes admissions on Wednesday and Thursday to all keynote and scientific sessions, refreshment, lunches, vendor exhibits, Tuesday's Student Bowl, and Awards & House of Delegates.

Single Day Registration

Fee includes keynote, all sessions, refreshment and lunch for that day only. Vendor exhibits are included for Wednesday only registration

Student Registration

Only students who are members of ASCLS may register at member rates. Students who are not ASCLS members may receive the student member discount if the registration is accompanied with the ASCLS membership application and fee.

Institutional Registration

An institution may purchase one or more passes for the two-day meeting for admission to all sessions. Two people may use one pass at any time. The pass will not include lunch. Passes will be available at the registration desk, and attendees must return the pass to registration when they leave the meeting. Each institution is responsible for designating personnel to use the passes.

Additional Cost

ASCLS-IL Board Meeting Lunch, Tuesday at noon, \$25.

Continuing Education

All sessions will be PACE approved. Attendees are able to download the CE certification from the website www.ascls.org via the CE Organizer. The CE code will be provided at the end of each session.

Session Handouts

Handouts will be available after April 10, 2015. Participants can download handouts from www.asclsil.com. Please note: Handouts will NOT be available at the meeting if previously posted online.



PROGRAM • Tuesday & Wednesday

Tuesday, April 14, 2015

Noon – 3:00 p.m.BOD Meeting Lunch
 5:00 – 5:45 p.m.Student Bowl Volunteers Meeting
 6:00 – 9:30 p.m.Student Bowl Competition

Wednesday, April 15, 2015

7:30 a.m. – 1:30 p.m.	REGISTRATION
8:30 a.m. – 10:00 a.m. SESSION 1 Keynote	<p>The Changing Healthcare Landscape and Its Impact on Today's Laboratory Today's healthcare environment is undergoing rapid and dramatic change. The shift to population health management is driving care to new venues. The impact on the laboratory is equally significant. Laboratories will need to transition from focusing on ways to increase volume and throughput to utilization management and participation in clinical decision making. SPEAKER: Bob Anderson, MS, MT(ASCP), Executive Vice President/COO, OSF Saint Francis Medical Center</p>
10:15 a.m. – 11:15 a.m. SESSION 2	<p>The Prostate Health Index - <i>phi</i>: A Simple Blood Test for Better Prostate Cancer Detection Session will cover the history of PSA testing, the controversy of continuing testing and advances that potentially make PSA a better biomarker. Molecular forms of PSA and cancer are discussed as well as Beckman Coulter's FDA cleared prostate health index, phi. Our discussion ends describing the numerous clinical studies relating to phi. SPEAKER: Chris White, PhD, Beckman Coulter</p>
 SESSION 3	<p>Role of Microbiology Results in Antimicrobial Stewardship Review definitions and principles of antimicrobial stewardship. Provide examples of how these definitions and principles apply to the field of microbiology. SPEAKER: Julie Giddens, Pharm.D., BCPS, Infectious Disease Pharmacist OSF Saint Francis Medical Center</p>
 SESSION 4	<p>Tips on How to Self-Study for the Specialist in Blood Banking Exam The specialist in Blood Bank Exam (SBB through ASCP) is a very difficult test that has evolved over time from an antibody, serology specific test to a test that encompasses management and lab operation aspects. Blood bankers with a minimum of 3 years of full time blood banking experience are eligible to sit for the test without any additional coursework, but the pass rate for those who self-study is about 35-40%. The goal for this presentation is to provide suggestions and tips on the best way to self-study for the exam. SPEAKER: Yolanda Garcia, MS, MLS(ASCP)^{cm}, Lab Manager, Blood Center, Rush University</p>
11:15 a.m. – 12:30 p.m.	LUNCH
12:30 p.m. – 1:30 p.m.	DEDICATED EXHIBIT HOUR
1:30 p.m. – 2:30 p.m. SESSION 5	<p>Molecular Oncology: Essential Knowledge for the General Clinical Laboratorian A basic understanding of available technologies for molecular oncology testing is essential when helping to advise clinical colleagues on obtaining appropriate specimens. This knowledge is also key to understanding advantages/disadvantages of commonly available molecular oncology tests in routine clinical settings. This session will use a case-based approach to demonstrate the advantage. SPEAKER: Sarah Kerr, MD, Senior Associate Consultant, Department of Laboratory Medicine and Pathology, Divisions of Anatomic Pathology and Laboratory Genetics, Mayo Clinic</p>

PROGRAM • Wednesday (continued)

<p>SESSION 6</p>	<p>Just When You Thought It Was Safe To Go On Vacation Parasitic and fungal infections are rare in the United States. However, as people travel to foreign lands or remote locations in the U.S. and beyond, the opportunity exists to bring back unwanted visitors. This program will discuss some common parasitic and fungal infections that can infect travelers. SPEAKER: Deborah Baudler MS, MT(ASCP), SBB, University of Illinois at Springfield</p>
<p>SESSION 7</p>	<p>Morphing into Hematology This session is designed to review basic and advanced morphology concepts using a digital microscopy platform and will be most effective for students in accredited MLS programs as well as seasoned professionals in need of a refresher in blood cell morphology. Body fluid analysis will also be included. SPEAKER: Demetra Castillo, M.Ad.Ed., MLS(ASCP)^{CM}, Rush University</p>
<p>2:45 p.m. – 3:45 p.m. SESSION 8</p>	<p>Case of the Silent Killer TTP is characterized by a diagnostic pentad of symptoms. Only one-third of women present with these symptoms making the diagnosis of TTP in the third trimester of pregnancy or postpartum extremely difficult. Prompt diagnosis and treatment is necessary in order to prevent mortality. SPEAKER: Deborah Baudler MS, MT(ASCP), SBB, University of Illinois at Springfield</p>
<p>SESSION 9</p>	<p>Behind the Scenes in Cytogenetics: Overview of Cytogenetic and Molecular Cytogenetic (FISH) Testing Overview of routine cytogenetics and molecular cytogenetics (FISH) with respect to clinical indications for study, types of specimens utilized, general description of their processing and analysis, as well as a summary of the nomenclature (“language”) of cytogenetics. Several case presentations will be included, as well as a few examples of how cytogenetic testing compliments/correlates with other laboratory testing. SPEAKER: Diane K. Jordan, PhD, FACMG, OSF System Laboratory. OSF St. Francis MC</p>
<p>SESSION 10</p>	<p>Review of Clinical Chemistry for Preparation for MLS Certifying Exam This session is aimed to prepare students for the certifying exam. The presentation will discuss pertinent concepts, case studies, data interpretation and problem related to clinical chemistry for students majoring in medical lab sciences. SPEAKER: Masih Shokrani, PhD, MT(ASCP), Northern Illinois University</p>
<p>4:00 p.m. – 5:00 p.m. SESSION 11</p>	<p>Bugs, Drugs, and Resistance Provide a general overview of the different antibiotics available in the US market, what organisms they may be used for, and what resistance patterns have developed over the years. SPEAKER: Julie Giddens, Pharm.D., BCPS, Infectious Disease Pharmacist OSF Saint Francis Medical Center</p>
<p>SESSION 12</p>	<p>BOC Immunohematology Review This session will review important concepts in Immunohematology learned by medical laboratory students during their immunohematology college course. This session will challenge the students with multiple choice questions in different areas of Immunohematology as Blood groups characteristics, Pre-transfusion testing, antibody identification, prenatal testing and Blood components therapy. SPEAKER: Cristine Fior Clemente Dos Santos, MLS(ASCP), SBB Northern Illinois University</p>
<p>SESSION 13</p>	<p>The Value of Case Studies in Determining Best Practices Case studies will be reviewed on the following topics: antibodies displaying inconsistent reactivity, multiple antibodies identified in the plasma and eluate using the Gel methodology, antibodies to high incidence antigens, and the implications of not adequately reviewing a patient’s antibody history prior to issuing units for transfusion. SPEAKER: Amber Prendergast, American Red Cross</p>

6:00 p.m. – 7:30 p.m. Past Presidents Reception by invitation only

PROGRAM • Thursday

Thursday, April 16, 2015

7:30 a.m. – 1:30 p.m.	REGISTRATION
8:30 a.m. – 10:a.m. SESSION 14 Keynote	Emergency Preparedness for Sentinel Laboratories This session will focus on emergency preparedness as it pertains to the sentinel laboratories and the Emergency Preparedness Grant Capacity 12. SPEAKER: Wendy Alexander , Public Service Administrator, Bio-T Grant Manager
10:15 a.m. – 11:15 a.m. SESSION 15	Anticoagulation: the Laboratory's Role Now and in the Future Have you wondered about the impact of traditional and new oral anticoagulants on coagulation tests? With the current state of the evolving anticoagulant market, this presentation discusses the laboratory's role in testing and will include the critical role the laboratory plays in patient care to monitor and assess these drugs. SPEAKER: Paul Riley, PhD, MBA , Product Manager; Diagnostica Stago, Inc.
 SESSION 16	Taming Testos: Current Methods and Practices in Testosterone Analysis Many different methods exist for testosterone analysis. This presentation will cover the chemistry of different methods and how each contributes to solving questions. SPEAKER: Robert Benirschke, PhD, DABCC , Northshore University Health System, Evanston, Illinois
 SESSION 17	Manager's Toolbox: May the Force be with you (or against you) The management tool "Force Field Analysis" creates employee buy-in, when the need for change exists, by allowing change to be employee-driven. This process can also be used to make student-driven changes to training programs. Participants will engage in a theoretical Force Field Analysis. SPEAKER: Lillian Mundt, Ed.D. MLS(ASCP), SH
11:15 a.m. –12:45 p.m.	LUNCH AND HOD & AWARDS
1:00 p.m. – 2:00 p.m. SESSION 18	Packing and Shipping Infectious Substance Review This course reviews the packaging and shipping of infectious substances according to the U.S. Department of Transportation's Hazardous Material Regulation and the International Airliner Transport Association's Dangerous Goods Regulation. SPEAKER: Wendy Alexander , Public Service Administrator, Bio-T Grant Manager, Illinois Department of Public Health
 SESSION 19	Insights into Predicted Human Erythrocyte Antigen Testing An examination of the utilization and limitations brought forth by red blood cell antigen detection by means of Elongation-mediated Multiplexed Analysis of Polymorphisms (eMAP). Donor facilities, reference labs, and hospitals are performing this recently FDA approved testing to obtain a safer, more cost effective transfusion practice. SPEAKER: Jules G. Zinni, MLS(ASCP)^{CM}MB^{CM} , Northwestern Memorial Hospital
 SESSION 20	Student Research Presentations In this session, students from medical laboratory science programs in the state of Illinois will present short descriptions of research they have performed. FACILITATOR: Maribeth Flaws, Ph.D., MLS(ASCP)^{CM}, SM, SI , Rush University
2:15 p.m. – 3:15 p.m. SESSION 21	Update on <i>Enterbacteriaceae</i>: New Species, New Names, and New Diseases Participants will receive an update on the Taxonomy and nomenclature of Gram-Negative Bacteria belonging to the family Enterobacteriaceae. Emphasis will be placed on diseases caused by human pathogenic species, new species, and old species with new names. SPEAKER: Paul Schreckenberger, Ph.D., D(ABMM), F(AAM), CLS(ASCP) , Loyola University
 SESSION 22	Automated Urinalysis and Clinical Solutions An overview of the Iris Urinalysis platform and clinical studies pertaining to screening for UTI and glomerular bleeding. SPEAKER: Greg Scott , Clinical Staff Scientist, Beckman Coulter
 SESSION 23	Student Research Presentations In this session, students from medical laboratory science programs in Illinois will present short descriptions of research they have performed. FACILITATOR: Maribeth Flaws, Ph.D., MLS(ASCP)^{CM}, SM, SI , Rush University



American Society for Clinical Laboratory Science – Illinois

Annual Meeting & Exhibits

April 14 – 16, 2015

Par-A-Dice Hotel

7 Blackjack Blvd

East Peoria, IL 61611

Name _____
 Address _____
 City/State/Zip _____
 Institution _____
 Email _____ Phone _____

Registration Type	Full	4/15	4/16	Fee	
ASCLS Member # _____	\$170	\$100	\$85	\$ _____	<p>To register: Send complete form and payment (check or money order payable to ASCLS-IL Central Branch) to: ASCLS – IL Meeting C/O Anh Strow 412 S. Nebraska Ave. Morton, IL 61550</p> <p>Registration & payment: must be postmarked by 3/27/2015 to avoid late fee.</p> <p>Questions: Contact Anh Strow 309-999-4661 or astrow@icc.edu</p> <p>_____ Check here for vegetarian meals</p>
Nonmember	\$280	\$160	\$130	\$ _____	
Institution Pass (NO meal) Quantity _____	\$225/ea			\$ _____	
Student ASCLS member # _____	\$90			\$ _____	
Student non- member	\$125			\$ _____	
ASCLS-IL Board Lunch (Tuesday 4/14/2015 at noon)	\$25			\$ _____	
Late fee (after 3/27/ 2015)	\$10			\$ _____	
Student Activity Night (Students Only)	\$1			\$ _____	
Total				\$ _____	

<p>Please circle the sessions you plan on attending.</p> <p>Wednesday:</p> <p>1 2 3 4 5 6 7 8 9 10 11 12 13</p> <p>Thursday:</p> <p>14 15 16 17 18 19 20 21 22 23 A.M. Phlebotomy Workshop P.M. Phlebotomy Workshop</p>	<p>Please answer the following questions:</p> <p>I will attend Student Bowl Y N I will attend Wednesday Lunch Y N I will attend Thursday Lunch Y N I will attend HOD/Awards Y N I am willing to moderate a session Y N</p>
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* Full registration and Thursday only registrant may attend the Phlebotomy Workshop without additional fee
 ** Institutional Passes, Full and Thursday Registrants may attend Phlebotomy Workshop without additional charge.
 *** Photographs will be taken during the meeting for educational and promotional purposes. If you prefer not to be included, please inform the Meeting Committee.





Phlebotomy Workshop

*Sponsored by:
American Society for
Clinical Laboratory
Science-Illinois*

Is Your Phlebotomy Knowledge Current?

Thursday April 16th, 2015

Session 1: 8 a.m. – 10 a.m.

Session 2: 1 p.m. – 3 p.m.

(Select one session)

Presenter:

Suzanne Campbell, PhD, MLS(ASCP)cm
Seward Community College
ASCLS Region VI Director

Description:

This workshop will offer current information regarding patient identification, basic phlebotomy technical competencies, isolation techniques for entry into patient rooms, and phlebotomy certification options. A hands-on review of do's and don'ts for phlebotomy will be included.

Topics for discussion:

1. Identify mechanisms to ensure correct patient identification.
2. Describe current safety protocol related to specimen collection.
3. Discuss updates related to the overall practice of phlebotomy.
4. List the acceptable routes for eligibility to sit for a national certification exam in phlebotomy.

Continuing Education Earned: 2 CEUs



American Society for Clinical Laboratory Science – Illinois

Annual Meeting & Exhibits

Phlebotomy Workshop

April 16, 2015

Par-A-Dice Hotel

7 Blackjack Blvd

East Peoria, IL 61611

Name _____

Address _____

City/ State/ Zip _____

Institution _____

Email _____ Phone _____

Registration Fee: \$30

Late fee (postmarked after 3/27/2015) \$5.00

Preferred session (select one) _____ 8 – 10 a.m. _____ 1 – 3 p.m.

To register:

Send complete form and payment (check or money order payable to ASCLS-IL Central Branch) to:

ASCLS – IL Meeting
C/O Anh Strow
412 S. Nebraska Ave.
Morton, IL 61550

Registration & payment: must be postmarked by 3/27/2015 to avoid late fee.