

IMSS (Intermountain States Seminar)
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54TH ANNUAL
**INTERMOUNTAIN
STATES SEMINAR**

SEPTEMBER 28-30, 2017
SNOW KING SPORTS AND EVENTS CENTER
JACKSON, WYOMING

A CLINICAL LABORATORY EDUCATION AND EXPOSITION EVENT
PRESENTED BY ASCLS REGION VIII COUNCIL
ASCLSRREGION8.ORG/IMSS

★ ★ ★ Hotel Information ★ ★ ★

Two room blocks are available during the conference for attendees:

Snow King Resort Hotel

400 East Snow King Avenue
Jackson Hole, WY 83001
307-733-5200

Room Rate: \$146.00 single or double per night
plus a \$30.00 Resort Fee and 8% tax per night

Room block remains open until August 26, 2017

The Virginian Hotel

750 W. Broadway
Jackson Hole, WY 83001
307-733-2792

Room Rate: Room Rate: \$159.00/night, King bed; \$149/night, 2 queen beds
plus 8% tax per night

Room block remains open until September 14, 2017
Mention Intermountain States Seminar (IMSS) when
making reservations.



Visit the IMSS Website!

<http://asclsregion8.org/imss/accommodations>



Like us on Facebook!
at Intermountain States Seminar (IMSS)
Check for new information daily!

Friday's Lunch 'n Learn

12:00 – 1:30 pm

These informal Round Table discussions will center on issues in the represented area of knowledge that are recently impacting laboratory practice. Lunch provided.

LL A: Rick Panning; Genetic Testing Strategy
LL B: Rodney Rohde; Zoonotic Agent/Rabies
LL C: Stephanie Mihane; POCT Issues/Communicating
with other healthcare professionals



Schedule at a Glance

All events taking place at the
Snow King Sports and Events
Center

Wednesday, September 27

3:00-4:00 pm IMSS Planning Committee
4:00-5:30 pm ASCLS Region VIII Council

Thursday, September 28

7:00-8:00 Registration and Continental
Breakfast
8:00-8:15 Opening Ceremony
8:15-9:45 Keynote/ General Session A
9:45-10:00 Break
10:00-11:00 General Session B
11:00-1:00 PM Lunch with Vendors
1:00-2:00 Breakout Sessions
2:00-2:15 Break
2:15-3:15 Breakout Sessions
3:15-3:30 Break
3:30-4:30 Breakout Sessions
4:30-6:30 Appetizers and cash bar with
Exhibitors and Silent Auction with
proceeds benefitting the Teton Free
Clinic and Region VIII Leadership
Academy Fund (Details available on the
website: <http://asclsregion8.org/imss/>)

Friday, September 29

7:00-8:00 Registration
8:00-9:00 General Session C
9:00-11:00 Brunch with Vendors/
Awards Ceremony
11:00-12:00 General Session D
12:00-1:30 Lunch 'n Learn
1:30-3:00 Breakout Sessions
3:00-3:15 Break
3:15-4:45 Breakout Sessions

5:30 – 8:30pm Town Square Tavern
Dinner Social

Saturday, September 30

7:30-8:30 Registration and Breakfast
8:30-10:00 Breakout Sessions
10:00-10:15 Break
10:15-11:45 Breakout Sessions
12:00-2:00 PM Wrap up IMSS Planning
Committee

** Program schedule is tentative and
subject to change



Attention Cowpokes!!
Just some tips to make the
trail ride easier:

Prior to attending the conference,
attendees will need to print handouts
by visiting the website listed below.

A username and password is
required for printing conference
materials and will be provided with
your registration confirmation.

Handouts will NOT be provided at
the session.

ALL SESSIONS, ASSEMBLIES
AND EXHIBITS TO BE HELD AT
THE SNOW KING SPORTS AND
EVENTS CENTER 100 E. SNOW
KING AVENUE JACKSON, WY

Online Registration will be available
beginning August 14, 2017
<http://asclsregion8.org/imss/>

Friday evening Dinner Social
at the Town Square Tavern in
Jackson Square available for
an additional price of \$30. Put
on your best Cowboy-Go-To-
Meetin' duds and enjoy a great
supper and the best of
company! Come one, come all
and have a good time!




★★★ General Sessions ★★★

Thursday, September 28, 2017 • 8:15 - 9:45am

Keynote/ General Session A

Diagnostic Errors with Results We Generate: How to Stop Them From Occurring

 **Michael Laposata, MD, PhD**, Professor and Chairman, Dept. of Pathology, University of Texas, Galveston, TX

Medical error has been reported to be the third leading cause of death in the United States. This presentation will discuss the growing recognition of medical error, and particularly diagnostic error. The discussion will include a consideration of why medical errors have been overlooked for decades. Importantly, potential solutions to reduce medical error will be reported.

Thursday, September 28, 2017 • 10:00 – 11:00am

General Session B

Government Affairs Round-up: Updates on Legislative and Regulatory Issues Clinical Laboratories are Facing Today


 **Debbie Shell, BS, MLS(ASCP)^{CM}**, Idaho State University

Learn the status of pending legislation and regulations impacting clinical laboratories and laboratory professionals. Examine the ways ASCLS, its members, and its collaborative partners influence the outcomes of these policies. Find out how you can help!

Friday, September 29, 2017 • 8:00 – 9:00am

General Session C


Nice or Kind? Which are you Best at?

 **Jewell Zweegman, LMT, MR**, Laboratory Marketing Associate, Billings Clinic, MT
Are you nice or kind or both? This presentation will promote professional and personal growth.

Friday, September 29, 2017 • 11:00 – 12:00noon

General Session D

R²: How to Keep Your Students and Alumni engaged in the profession and their organizations.

 **Rodney Rohde, Ph.D., MS, SV, SM(ASCP) CMMBCM, FACSc**, Chair and Professor, CLS Program, Associate Dean of Research, Texas State University
Professional organizations are struggling to maintain student and alumni membership, involvement, and leadership. This presentation will provide the recent experiences of the Texas State University CLS Program in successful retention and engagement of students and professionals. Strategies for success, as well as common hurdles will be explained. Examples will be utilized from an academic, research, and social media lens.

Thank You to Our Sponsors and Exhibitors!
(Find the up-to-date list on the website)

Exhibitor Schedule at a Glance:

Exhibitors Hall located in the Snow King Sports & Events Center
100 East Snow King Avenue
Jackson, WY

Thursday, September 28, 2017

11:00 am – 1:00 pm: Lunch with Exhibitors
4: 30 – 6:30: Appetizers and Silent Auction
with Exhibitors

Information about the Silent Auction can be found at

<http://asclsregion8.org/imss/>

Friday, September 29, 2017

9:00 – 11:00 am: Breakfast with the Exhibitors and
Awards Ceremony

Silent Auction:

If you haven't done so already, consider donating items for the Silent Auction!

Bring your donated items to the Silent Auction Table at the Event Center
Wednesday evening or Thursday Morning.

On Thursday evening, September 29, 2017:

The Silent Auction begins at 4:30 pm

Final bids will close at 6:25 pm

Come Early! Stay Late! Bid High! Bid Often!

Support the Teton Free Clinic in Jackson, WY and the
Region VIII Leadership Academy Fund!



Exhibits!!!!

Please visit with your vendors in the exhibit area each day. We are grateful for their continued support and want them to have the greatest opportunity to speak with their customers during this event.

P.A.C.E. Provided!

ASCLS-UT is approved as a provider of continuing education in the clinical laboratory sciences by the ASCLS P.A.C.E.® (Professional Acknowledgement of Continuing Education) program. Each IMSS session is P.A.C.E.®-approved and may be used for certification maintenance.

Register Your Institution!

Institutional Registration: The Institutional Pass is \$550.00 and is good for 4 one day registrations. Contact Brenden Collins at collinsb85@gmail.com for an Institutional Registration Form, or go to the website, <http://asclsregion8.org/imss/>, institutional registration. Up to 4 people may share one pass in any combination for up to 3 days. Banquet is not included. Complete separate registration form for all attendees.

**ALL SESSIONS, ASSEMBLIES & EXHIBITS TO BE HELD AT THE
SNOW KING SPORTS & EVENTS CENTER
100 EAST SNOW KING AVENUE
JACKSON, WYOMING**



★★★★ Breakout Sessions ★★★★★

Thursday, September 28, 2017 • 1:00 - 2:00 pm

Breakout #1: Troponin, Evolution and the New Generation

Theresa Joseph, RN, BSN, Medical Scientific Liaison-Cardiac, Medical and Scientific Affairs, Roche Diagnostics and Sponsor

This session will cover the history of Troponin and the new generation of Troponin assays. Discussion will include overview of cardiac disease and potential impact of the new generation of Troponin assays on patients, clinicians, and laboratorians.

Breakout #2: Letting Go of the Rules of Three...How Not to Let the MCHC Rule Your Life

Jeri Walters, SH(ASCP), Technical Supervisor Esoteric Testing, WI Core Lab, ACL Laboratories, Sponsored by Sysmex

The rules of three have been a staple in hematology for decades. This presentation will review the history of the rules of 3, discuss why they were introduced in the hematology lab and why they need to go away. We will examine how modern sheath flow-based hematology analyzers have made the rules of 3 obsolete and why the RBC indices are much better indicators of problem samples. Learn what may cause abnormal and improbable indices and what to do about it.

Thursday, September 28, 2017 • 2:15 - 3:15 pm

Breakout #3: Current Concepts in Hepatitis Testing

Jared Jaeger, Ph.D.
Clinical Liaison, Ortho Clinical Diagnostics and Sponsor

This session provides attendees with an overview of laboratory tests used to aid physicians in the diagnosis of viral hepatitis. The speaker will also review the CDC guidelines for hepatitis screening and touch on the differences in commercially available hepatitis C assays.

Breakout #4: Hemostasis and Women's Health: The Laboratory's Role in Diagnosing Complex Disorders

Tatsiana Mardovina, MD, Ph.D.
Scientific Market Development, Diagnostica Stago, Inc. and Sponsor

Women have specific health needs due to acquired hypercoagulable states which occur during different phases of life. This presentation will provide an overview of potential thrombotic and bleeding disorders and how management and treatment are provided with special focus on antiphospholipid syndrome and disseminated intravascular coagulation.

Thursday, September 28, 2017 • 3:30 – 4:30 pm

Breakout #5: The Worse Misdiagnosis of All: The Incorrect Diagnosis of Child Abuse

Michael Laposata, MD, Ph.D., Professor and Chairman, Dept. of Pathology, University of Texas, Galveston, TX

The goal of this presentation is to grow awareness within the laboratory community of the problem of false accusations of child abuse. Several case studies will be discussed in which children with underlying bleeding disorders presented with bruising or bleeding, and their parents or caretakers were falsely accused of child abuse.

Breakout #6: Procalcitonin, A Sepsis Marker

Holly Reeves, MSN, BSN, Senior Medical Science Liaison, Team Leader West Clinical Diagnostics | Biomarkers, Thermo Fisher Scientific, Sponsored by Roche Diagnostics

This session will provide relative evidence-based information about Procalcitonin (PCT) and share example protocols for incorporating PCT into clinical practice. The goal is to engage practitioners in compelling discussions surrounding sepsis and trends in biomarker utilization, while sharing the science and supporting literature.

★★★ Breakout Sessions ★★★

Thursday, September 28, 2017 • 3:30 – 4:30 pm

Breakout #7: Blood Bank Case Studies from the Reference Lab

📎 Wendy Palmer, MT(ASCP), ARC Representative to be named from Great Falls IRL Supervisor, American Red Cross, Great Falls, MT

The speaker will review procedural updates followed by case studies. The cases will describe issues seen in a reference lab blood bank including Warm and Cold Autoantibodies, Drug interactions with testing, and High Frequency antibodies. During this session, the cases will be presented in a systematic way to determine how to resolve reactivity.

Friday, September 29, 2017 • 1:30 - 3:00 pm

Breakout #8: Tips and Tools for Using Behavior-Based Competencies in Your Organization

📎 Susanne Norris Zanto, MPH, MLS(ASCP)^{CM}, Consultant, Laboratory SolutionZ

Following the 2015 MMWR publication *Competency Guidelines for Public Health Laboratory Professionals*, work teams developed tools and resources for implementation of the competencies in all laboratory organizations. During this session, participants will learn about behavior-based competencies, and how integrating behavior-based competencies into laboratory workforce development practices can help in recruitment, retention and the professional development of laboratory staff. Participants will have an opportunity to work with two tools - a position description and career ladder building tool, and a performance assessment/training needs tool. **Participants are encouraged to bring their laptops, capable of running excel programs, for practice with the tools during the session.**

Breakout #9: Introduction to Hemophilia- The Disease and the Tests- All Mixed Up

📎 Jim DeMase, BS, Senior National Technical Sales Manager, Precision BioLogic, and Sponsor

Please join us for this introduction to Hemophilia. We will review its symptoms, along with diagnosis and common treatments. The methods and clinical applications of the laboratory testing will be outlined. Case studies will be used to relate to real world situations.

Breakout #10: Serum versus Plasma Sample: ~~Session canceled.~~

Friday, September 29, 2017 • 3:15 – 4:45 pm

Breakout #11: Managing Laboratory Test Utilization: Relationship to Total Cost of Care

📎 Rick Panning, MBA, MLS^{CM} (ASCP), Senior Administrative Director of Laboratory Services for HealthPartners and Park Nicollet in Minneapolis-St. Paul

Over the last 5-7 years, the focus on managing test utilization has been on reducing the number of tests performed assuming that the overuse is unnecessary. There is also a need to understand when increasing utilization or performing more testing will actually reduce the overall patient "total cost of care" (TCOC). HealthPartners' TCOC framework addresses one of the most fundamental problems related to population health: rising health care costs.

★★★ Breakout Sessions ★★★

Friday, September 29, 2017 • 3:15 – 4:45 pm

Breakout #12: MRSA Prevalence and Risk Factor Analysis in Multiple Settings

📎 Rodney Rohde, Ph.D., MS, SV, SM(ASCP) CMMBCM, FACSc, Chair and Professor, CLS Program, Associate Dean of Research, Texas State University

On any given day, about one in 20 hospital patients has at least one healthcare-associated infection (HAIs). Approximately 1.7 million HAIs occur in U.S. hospitals each year, resulting in 99,000 deaths and an estimated \$20 billion in healthcare costs. This presentation will summarize the risk factors associated with the HAI MRSA and its prevalence in multiple research settings.

Breakout #13: Blood Bank Case Studies

📎 Anna Cobb, MT(ASCP)SBB, Director of Laboratory and Radiology, Memorial Hospital of Converse County

This session will be a review of serologic problems encountered in pre-transfusion and pre-natal testing with case studies to illustrate the problems and actions needed.

Saturday, September 30, 2017 • 8:30 – 10:00 am

Breakout #14: Molecular Disease Testing Workshop, Part I

📎 Richard L. Hodinka, Ph.D., University of South Carolina School of Medicine, Greenville and Greenville Health System, Stephen Young, Ph.D., D(ABMM), Director of Research and Clinical Trials, Tricore Reference Laboratories and Sponsor

This workshop is a 2 part series that will address issues related to implementing molecular diagnostic testing for the first time; selecting reagents and instruments for nucleic acid isolation amplification and detection; implementing molecular assays; validating and verifying assay performance; performing QC and assuring quality with time, and applying molecular tests to the detection of various microbial pathogens.

Breakout #15: Case Studies in Hemostasis

📎 George Rodgers, MD, Ph.D., Professor of Medicine and Pathology, University of Utah Medical Center, Sponsored by ARUP Laboratories

This speaker will present case descriptions of common hemostasis disorders. The discussion focus will be on laboratory aspects and diagnosis of these disorders.

Saturday, September 30, 2017 • 10:15 – 11:45 am

Breakout #16: Molecular Disease Testing Workshop, Part II

📎 Richard L. Hodinka, PhD, University of South Carolina School of Medicine Greenville and Greenville Health System, Stephen Young, Ph.D., D(ABMM), Director of Research and Clinical Trials, Tricore Reference Laboratories, and Sponsor

This session is a continuation of breakout session #14 which is a pre-requisite for this session.

Session #17: Lean Principles to Manage Project Improvements in the Laboratory

📎 Omar Muñoz, MS, MLS^{CM} (ASCP), Technical Supervisor, ARUP Laboratories and Sponsor

In this session there will be discussion of simple ways to create improvement projects in the laboratory and empowering employees to create a better workflow in the laboratory.



54th Annual IMSS Conference
“IMSS Region VIII Round Up! How the Best Was Done!”
2017 Intermountain States Seminar – September 28 – 30, 2017
 Snow King Sports and Events Center, Jackson, Wyoming

Online registration is available at www.imss2017.ezregister.com,
 or mail in this

Individual Registration Form

ASCLS-UT is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS Professional Acknowledgment of Continuing Education (P.A.C.E.®) Program. All educational sessions are approved for P.A.C.E.® approved continuing education credits. The P.A.C.E.® credits are accepted by the American Society for Clinical Pathology (ASCP) Certification Maintenance Program.

Name (as it should appear on your identification badge):	ASCLS Membership Number: (Send a copy of your membership card with registration form)
Position/Title:	
Mailing Address:	Home Phone: Work Phone:
Employer/Company (name and address):	E-Mail : (For Registration confirmation and password for printing session handouts)

Mark “X” if requesting accommodation(s) for disability. Explain on a separate sheet.

Special Needs/ADA: IMSS welcomes participants with disabilities. We will make every effort to accommodate your disability and provide services you need to attend and enjoy our conference. **If you do request special accommodations, you must pre-register by September 1st, 2017.** We may not be able to accommodate participants who do not pre-register and give advanced notice. When you pre-register, please provide an accurate description of your disability and the accommodations that you are requesting.

NON-ASCLS Members: Join ASCLS NOW and attend IMSS for the lowest possible rate. ASCLS Membership form and fees must accompany the registration form to get the lower rate. Go to www.ascls.org to join now.

Payment in full must accompany the registration form. Registrations received without full payment will be held until full payment is received. Payment must be made in US dollars only. SORRY, no government vouchers or purchase orders accepted. **Make checks payable to IMSS. No refunds will be granted after September 23, 2017.**

All fees listed apply to registrations postmarked by September 23, 2017. An additional surcharge of \$25 will be added for late or on-site registrations.

Fees:

Full Registration: Includes general and breakout sessions, all exhibit events, Lunch ‘n Learn, and meals. Banquet is not included.

One Day Registration: Includes general and breakout sessions, all exhibit events, and meal for that day. There is no vendor expo on Saturday. Includes Lunch ‘n Learn if Friday selected. Banquet is not included.

Two Day Registration: Includes general and breakout sessions, all exhibit events, and meal for that day. There is no vendor expo on Saturday. Includes Lunch ‘n Learn if Friday selected. Banquet is not included.

Institutional Registration: The Institutional Pass is \$550.00 and is good for 4 one day registrations (see above). Up to 4 people may share one pass in any combination for up to 3 days. Banquet is not included. Complete separate registration form for all attendees. **For more details, please contact the registration chair, Brenden Collins, collinsb85@gmail.com. Additional form is required and can be found on the conference website: <http://asclsregion8.org/IMSS/>**

Guest Registration: A guest is defined as a friend or relative accompanying a paid registrant and not associated with the field of Medical Laboratory Science or a representative of the industry. Registration includes general sessions, one breakout per day, and all exhibit events including food for day(s) registered.

Registration fees include General session(s), breakout sessions, vendor expo, Lunch 'n Learn and meals for days registered. There is an extra charge for the Friday evening banquet. Circle all that apply!	Full Registration (Thurs to Sat)	1 Day Regis. Circle Th F	2 Day Regis Circle Th F Sa	Saturday Regis only
ASCLS Professional Member/ Non-Member	\$235/\$450	\$130/ 220	\$170/ 340	\$95/\$170
ASCLS Student or Emeritus Member (circle one)/ Student Non-Member	\$165/\$205	\$95/ 125	\$125	\$70/\$95
Phlebotomist Member/ Non-Member	\$165/\$205	\$95/ 125	\$125	\$70/\$95
ASCLS Collaborative Member	\$350	\$175	\$250	\$120
Guests	\$75	\$50	\$50	\$50
Exhibits Only: Entrance Fee (one time pass, includes provided food)		\$30.00		
Friday Lunch 'n Learn: Genetic Testing Strategy, POCT Issues, Zoonotic Agent/Rabies (Please circle one of 3 if attending)		\$0, no extra charge, lunch included on Friday with L'n L		
Friday Night Banquet Buffet, Town Square Tavern - \$30.00 each Please list any dietary restrictions here:		Total \$		
Thursday, Friday Breakfast/ Lunches: Please list dietary restrictions here:				

Registration Fees: *Deadline September 23, 2017	\$
Late Registration Fee: (on site or postmarked after September 23, 2017)	\$ 25
Total Remittance (Check payable to IMSS)	\$

Breakout Sessions: (Please circle one session for each time slot)	Thursday: 1 2 // 3 4 // 5 6 7
	Friday: 8 9 // 11 12 13
	Saturday: 14 15 // 16 17
Which sessions would you be willing to moderate? (list here)	

IMSS reserves the right to cancel any session due to low participation or speaker conflicts. Effort will be made to contact the registrant for an alternate selection.

Please **make a copy of this form for your records**. Be sure that you include your email address for confirmation of your registration and password for session handout downloads as this will only be done via email.

Make check payable to IMSS, and mail registration form, copy of membership card (if applicable), and full payment to:
 Brenden Collins c/o Amy Steinmetz
 427 16th St West
 Billings, MT 59102
 collinsb85@gmail.com

Lodging Accommodations:

Participants are responsible for making their own lodging reservations. Room Blocks are available when booking before August 28, 2017 at the Snow King Resort Hotel, and September 14, 2017 at the Virginian Hotel. When booking, **please indicate "Intermountain States Seminar (IMSS)"**. Complete lodging information is available on the website at <http://asclsregion8.org/IMSS/Accommodations>

We look forward to seeing you in Jackson at the Region VIII IMSS Roundup!
 How the Best was Done!

Complete details of the conference available at <http://asclsregion8.org/IMSS/>
 Follow us on Facebook at Intermountain States Seminar (IMSS)