

WINTER EDUCATION SEMINAR

Saccomanno Education Center Rm 1 5th Floor St. Mary's Hospital
2635 N 7th Str. Grand Junction, Colorado

February 6, 2015

Presented by ASCLS-CO and St Mary's Hospital Laboratory

8:30 – 10:00AM 1.5 CEUs, Intermediate Level

Star Wars of the Body Besieged: A Review of Immunology and Immunodeficiency

Harry Hill, MD

Sponsored by ARUP Laboratories

Dr. Hill relates the major portions of the body's host defense system to the military's Star Wars that protects us from external and internal invaders. He describes the laboratory assays utilized to assess each portion of the immune and inflammatory system. Lastly, he shows individual patients he has seen over the past 40 years in his Clinical Immunology/Immunodeficiency Clinic at University of Utah which illustrate the various immune defects and the infections they suffer. He presents this in a manner so one can understand this complex system, know how to evaluate it and use in the clinical laboratory to help these seriously affected patients.

10:15 – 11:45AM 1.5 CEUs, Intermediate Level

Wilderness Medicine for the Laboratorian

Harry Hill, MD

Dr. Hill describes the many wilderness hazards he has encountered in numerous climbing, hiking, and backcountry skiing events in the Teton, Cascade Mountains and in Alaska including severe lightning storms, bear encounters, hypothermia, severe allergic reactions, snake exposure, trauma and gastrointestinal infection. He suggests ways these encounters might be avoided or managed so that one survives!

Noon – 1:00PM

Lunch with ASCLS-CO

1:15PM – 2:45PM 1.5 CEUs, Intermediate Level

New Frontier in Blood Banking: Will Molecular Genotyping Replace Red Cell Phenotyping?

Barbara Pumphrey MT(ASCP) SBB

Sponsored by Bio-Rad

Molecular techniques and applications have made their way into several areas of the laboratory. In the blood bank, the gold standard for antigen typing has been serology for decades. With the licensure and introduction of new molecular testing procedures for blood group antigen detection, how will this new methodology make a difference in what we do every day?

3:00PM - 4:30PM 1.5 CEUs, Intermediate level

Vitamin D: The New Superdrug!

Joshiah Gordon, DO, Director of Pulmonary/ICU at St Mary Corwin and Stroke

Director at Parkview Medical Center, Pueblo CO

Vitamin D is a common deficiency in our society. Current lifestyles prevent most of us from acquiring the levels of Vitamin D that evolution intended us to have. Deficiencies have been linked to cancer, cardiovascular disease, and autoimmune disorders. Evaluation and treatment of Vitamin D deficiency will be discussed.

5:30PM

Join the Winter Seminar group for dinner at Ale House

2531 North 12th Street, Grand Junction, CO 81501

ASCLS-CO is approved as a provider of continuing education programs in the clinical laboratory sciences by the ASCLS P.A.C.E. Program.

**PLEASE POST IN YOUR LABORATORY
WINTER EDUCATION SEMINAR REGISTRATION**

**Saccomanno Education Center Rm 1 5th Floor St. Mary's Hospital
2635 N 7th Str. Grand Junction, Colorado 970-298-2528
February 6, 2015**

Park on the uppermost deck of the parking garage for this event.

Morning Sessions: Students \$5, Members \$30, Non-Members \$40
Afternoon Sessions: Students \$5, Members \$30, Non-Members \$40
Full Day Session: Students \$10, Members \$50, Non-Members \$70

Please complete the bottom portion of this page, detach and send to the following address by January 22, 2015 for Winter Seminar registration only:

Barbara Brown
185 S Jefferson Str
Monument, CO 80132
If you have questions, call Charlie Francen at 970-381-6721,
Barbara Brown 719-650-1422 or Cathy McNary at 970-214-1805

Make checks payable to ASCLS - Colorado

Name(s): _____

Address: _____

City: _____ State: _____ ZIP: _____

Phone: _____

ASCLS Member: _____ Y _____ N ASCLS #: _____

Please check by the sessions you will attend and circle student, member or non-member price.

_____ Morning Sessions Student \$5 Member \$30 Non-Member \$40

_____ Afternoon Sessions Student \$5 Member \$30 Non-Member \$40

_____ Full Day Student \$10 Member \$50 Non-Member \$70

Please check below if you plan to join ASCLS-CO for lunch.

_____ Lunch No Charge

Total Amount enclosed: \$ _____

Dinner – e-mail Tracy Matthews at tmatthews@coloradomesa.edu if interested in joining us.