



NEWSLETTER

Spring, 2012

Editor: Geza S. Bodor
Denver, Colorado

President's Letter

Jonathan L. Miller

Dear ACLPS Members:

With our 2011 annual meeting hosted by Washington University in St. Louis still pretty vividly in memory, it may be hard to believe, but Lab Medicine 2012 is now mere weeks away! We will be a little further to the North, but still decidedly in the Midwest as we meet in Milwaukee, beginning Thursday, May 31st. Registration forms are downloadable online at http://aclps.org/meeting_current.html.

This year's meeting will break from our usual pattern of a single host institution, with both the Medical College of Wisconsin and the BloodCenter of Wisconsin serving as host institutions. We are truly indebted to Alan Mast, Stanley Lo, Susan Maroney and Nathan Ledebor, who have put together a superb program covering a wide array of topics in Laboratory Medicine. Those who are able to arrive in Milwaukee early enough to take in the sessions that begin at 1 PM on Thursday afternoon will certainly appreciate a series of talks illustrating the increasing role of genomics analysis in Laboratory Medicine. von Willebrand Disease and Neonatal Alloimmune Thrombocytopenia will then receive the spotlight to round out the rest of this quite high-powered afternoon. Friday morning will be devoted to our Young Investigator presentations, with five simultaneous sessions covering the gamut

of laboratory medicine. It is hard to express sufficient thanks to Alex McAdam for his leadership in this program, with great thanks also due to our team of abstract reviewers. Our Cottlove Award speaker this year will be Dr. Richard Aster, who will combine a rich heritage of clinical experience together with cutting edge research on the topic of Drug-Induced Thrombocytopenias. The afternoon will continue with the unique blend of top quality transfusion medicine, laboratory hematology, coagulation, microbiology, and chemistry talks and posters that have become a trademark of ACLPS. After a hiatus of several years, this year's local hosts are also bringing back the opportunity for participants to take an actual laboratory tour of the BloodCenter of Wisconsin before we head off to the annual awards banquet. Saturday morning will feature the Ellis Benson Award Lecture given by Gwen McMillin on clinical drug testing, followed by a truly imaginative symposium centered on iron that is just about guaranteed to illuminate multiple areas of interest for all of us in laboratory medicine.

ACLPS continues to connect in critical ways with the larger laboratory medicine and pathology community. After the truly excellent ACLPS mini-symposium presented at the 2011 ASCP meeting by Jonathan Genzen, Matt Krasowski, Gary

Stack, and Arand Pierce, under the leadership of Harv Rinder and Marisa Marquez, we have been invited back to do a second ACLPS mini-symposium at the 2012 ASCP meeting, and of course to continue our topical contributions to AJCP. Our voice—and thereby that of academic laboratory medicine—continues to be heard in critical meetings affecting the future of our field such as those organized by the Association of Pathology Chairs and the American Board of Pathology. The most recent meeting of Cooperating Societies of the American Board of Pathology was held in Chicago in early May, with ACLPS represented by three individuals—Ed Ashwood, Eric Spitzer, and myself. We learned at this meeting a great deal about the emerging Milestones project, which may hold new potential for ACLPS to provide critical guidance in the formulation of assessment tools that relate to our previous work in formulating a laboratory medicine curriculum.

Special thanks are due to David Grenache who has stepped with vigor into the role of secretary-treasurer, following in the strong Utah tradition established by Bill Roberts and Brian Jackson. Together with Karolynn Braden who helps our society in innumerable ways day in and day out, David is already doing a spectacular job.

With all that is so positive to reflect upon, it is a sad—but necessary—responsibility also to reflect on our loss this year of two individuals very special to the ACLPS family. For all who have at least some familiarity with ACLPS, Ellis Benson truly needs no introduction. Ellis was the founder of our society. He was our first president (1966-1968), and he was our first Gerald T. Evans Awardee (1972). In 2006

our society inaugurated the Ellis Benson award to recognize young faculty members in the field of laboratory medicine. An excellent biosketch of Ellis Benson accompanies the description of this award on our society's website at

["http://www.aclps.org/resources/awards/BensonAwardDescription.pdf"](http://www.aclps.org/resources/awards/BensonAwardDescription.pdf)

As local host of the 2006 ACLPS meeting in Chicago, it was my honor to introduce the new award in honor of Ellis Benson, who was also the individual that originally welcomed me into the world of laboratory medicine as a first year resident joining the department he chaired at the University of Minnesota, back in 1975. Ellis has touched the lives of so very many of us in laboratory medicine, and truly of the field itself. We have lost a giant.

We have also recently lost a second individual well known to a great many within the ACLPS community, Howard Rawnsley. Howard served in the U.S. Army glider infantry, graduated from Haverford College, and received his MD and residency training at the University of Pennsylvania. He moved up through the ranks at Penn to become Professor of Pathology and Director of the famed William Pepper Clinical Laboratory. Howard left Penn for Dartmouth in 1975, where he became Professor and Chairman of the Department of Pathology, and eventually also Senior Vice President for Medical Affairs. Howard Rawnsley was an important contributor to ACLPS, serving as president of our society (1977-1978) and also as local host of the 1979 annual meeting at Dartmouth in Hanover, New Hampshire. In recognition of his great service to our society, Howard received the Gerald T. Evans Award in 1986. Howard Rawnsley will be greatly missed.

Save the Date!

47th Annual ACLPS Laboratory Medicine Meeting Milwaukee, WI May 31-June 2, 2012

The final details have been completed for the 47th Annual Meeting, to be hosted by the Department of Pathology at Medical College of Wisconsin and BloodCenter of Wisconsin. The meeting will be held at the Hyatt Regency Hotel which is located adjacent to the river walk in downtown Milwaukee that leads to the beautiful Milwaukee lakefront area. A short walk from the hotel is the Eckhart G. Grohmann Art Museum, a three story building filled with his private collection of paintings and bronzes documenting over 400 years of "Man at Work". Of special interest to members of ACLPS may be a section dedicated to "Physicians, Quacks and Alchemists" that includes paintings of the early practice of Laboratory Medicine. The rooftop garden of this museum will be the location for the Thursday evening reception. The Friday evening awards banquet will be held at the Grain Exchange building, a historic structure in downtown Milwaukee that was central to Milwaukee's development as a leader in the brewery industry. The Water Street area of restaurants and bars along the Milwaukee River is located immediately adjacent to the hotel and will serve as convenient area to enjoy the Milwaukee night life and informal interactions with colleagues.

The scientific program is complete. Thursday afternoon will have presentations about genomics and training of residents in genomics as well as presentations about recent advances in the diagnosis of

neonatal alloimmune thrombocytopenia and von Willebrand disease. As always, the Young Investigator Sessions will make up the entire Friday morning program. Friday afternoon will feature presentations by Dr. Richard Aster from BloodCenter of Wisconsin, the Cotlove Award recipient, and Dr. Evgeny Rogaev, who will speak about his work that led to the diagnosis of hemophilia B as the bleeding disorder that afflicted the Russian Royal Family. Following the poster session there will be three basic science/clinical case conference breakout sessions designed to promote active discussions about current topics in laboratory medicine. The Saturday morning program will begin with the Ellis Benson Award lecture followed by a session on "Iron in Laboratory Medicine" that will feature experts from across the country who will describe how the recent advances in our understanding of hepcidin biochemistry and other aspects of iron metabolism have advanced, how we diagnose and treat hematological and infectious diseases and care for the recipients of blood transfusions and blood donors.

Please attend what promises to be another fantastic ACLPS Laboratory Medicine Meeting.

Alan Mast
Stanley Lo
Co-hosts

Lab Medicine 2012

The 47th Annual Laboratory Medicine Meeting of the Academy of Clinical Laboratory Physicians & Scientists

[Hyatt Regency Hotel](#)

Milwaukee, Wisconsin, USA 53203

May 31 – June 2, 2012

The target audience for this meeting includes: Physicians, Laboratory Directors, Scientists and Educators primarily engaged in teaching, research and service in academic medicine.

The learning objectives for this meeting are as follows:

- Understand how genomic technologies are used in the diagnosis of rare diseases and in transfusion medicine
- Describe new diagnostic testing methodologies von Willebrand disease and neonatal alloimmune thrombocytopenia
- Discuss new understanding of the pathophysiology of transfusion related acute lung injury
Understand new diagnostic techniques for hemophilia and other blood coagulation disorders
- Describe the use of mass spectroscopy in the diagnosis of infectious disease
- Understand vitamin D metabolism
- Define how new discoveries about iron metabolism have changed a diagnosis of disease across many areas of laboratory medicine

Thursday, May 31

10:00am – 6:00pm **Registration**

Session 1: Genomics

1:00 – 1:25 pm	Clinical Application of Whole Genome Sequencing in a Children's Hospital <i>David Dimmock MD</i> Medical College of Wisconsin
1:25 – 1:50 pm	Red Cell Genotyping Blood Donors <i>Greg Denomme PhD</i> BloodCenter of Wisconsin
1:50 – 2:15 pm	Red Cell Genotyping Patients – The Clinician's Perspective <i>Rowena Punzalan MD</i> BloodCenter of Wisconsin
2:15 – 2:40 pm	Training Residents in Genomics <i>Richard Haspel MD, PhD</i> Harvard University
2:40 – 2:55 pm	Clinical Chemistry Training Council <i>Ann Gronowski PhD</i> Washington University in St. Louis
2:55 – 3:20 pm	Coffee Break

Session 2: Recent Advances in the Diagnosis of Bleeding Disorders

- 3:20 – 3:45pm Fidelity of vWD testing
Robert Montgomery, MD
BloodCenter of Wisconsin
- 3:45 – 4:10pm Reduced von Willebrand Factor survival in Types 1 and 2 von Willebrand Disease
Sandra Haberichter, PhD
BloodCenter of Wisconsin
- 4:10 – 4:35pm New approaches to detection of antibodies causing Neonatal Alloimmune Thrombocytopenia
Julie Peterson, PhD
BloodCenter of Wisconsin
- 4:35 – 5:00pm Diagnosis and management of Neonatal Alloimmune Thrombocytopenia
Jan McFarland, MD
BloodCenter of Wisconsin
- 5:00 – 7:00pm **Executive Council Meeting**
- 7:00 – 9:00pm **Welcome Reception**
Grohmann Museum

Friday, June 1

- 7:30 – 8:30am **Breakfast**
Top of the Hyatt

Session 3: Young Investigator Presentations

- 8:30 – 10:00am 5 simultaneous breakout sessions
- 10:00 – 10:30am **Coffee Break**

Session 3: Young Investigator Presentations (continued)

- 10:30 – 11:45am 5 simultaneous breakout sessions
- 12:00 – 1:00pm **Lunch**
Top of the Hyatt and a downstairs room at Hyatt

Session 4: Plenary Session

- 1:00 – 1:45pm **Cotlove Award Lecture**
Drug-induced immune thrombocytopenia: New observations concerning pathogenesis and diagnosis
Richard Aster, MD
BloodCenter of Wisconsin
- 1:45 – 2:15pm Hemophilia in the Royal Family

Evgeny Rogaeu, PhD, DrSci
University of Massachusetts

Poster Viewing and Networking Session

2:15 – 3:30pm (Refreshments Served)

Session 5: Breakout Basic Science and Clinical Correlation Sessions

3:30 – 4:30pm Coagulation Cascade and Case Conference
David Gailani, MD, Vanderbilt University
Ken Friedman, MD, BloodCenter of Wisconsin
Ellinor Peerschke, PhD Sloan Kettering

Microbiology MALDI-TOF and Case Conference
Robin Patel, MD, Mayo Clinic
Barbara Haller, MD, PhD, UCSF
Nathan Ledebauer, PhD, Medical College of Wisconsin

Vitamin D: Laboratory and Clinical Controversies
Donald A. Wiebe, PhD, University of Wisconsin
Neil C. Binkley, MD, University of Wisconsin

5:00 – 6:00pm **Tour of BCW Diagnostic Laboratories (optional)**
Buses will depart from Hyatt at 5:00, then to Grain Exchange after tour

6:30 – 9:00pm **Awards Banquet**
Grain Exchange
Buses will depart from Hyatt at 6:00 pm

Saturday, June 2

7:30 – 8:30am **Breakfast**
Top of the Hyatt

8:45 – 9:15am **Ellis Benson Award Lecture**
Innovations in Clinical Drug Testing; Tales of Specimens and Strategies
Gwen McMillin, PhD
University of Utah

Session 6: Iron in Laboratory Medicine

9:15 – 9:40am Hepcidin and systemic iron homeostasis
Tom Ganz, MD, PhD
UCLA

9:40 – 10:05am New approaches to the diagnosis of iron deficiency anemia
Morey Blinder, MD
Washington University in St. Louis

10:05 – 10:20am **Coffee Break**

10:20 – 10:45am	Fatal septicemic plaque in a researcher with hemochromatosis <i>Karen Frank, MD, PhD</i> University of Chicago
10:45 – 11:05am	Stored RBC transfusions: Iron, inflammation, immunity, & infection <i>Steven Spitalnik, MD</i> Columbia University
11:05–11:30am	Iron replacement in the routine management of blood donors <i>Barbara Bryant, MD</i> University of Texas at Galveston
11:30 – 12:15pm	Membership Business Meeting
12:15pm	Box Lunch
12:15 – 2:00pm	Executive Council Meeting

Report on the Young Investigator Award Program

Alex McAdam

We received a large number of abstracts for Lab Medicine 2012. A total of 84 abstracts were received and sent to the panel of reviewers. Eighty two abstracts were accepted for presentation and thirty people were selected for the Paul E. Strandjord Young Investigator Award (PESYIA). The recipients of the PESYIA

with distinction will be announced at the meeting. We are looking forward to excellent talks and posters at the meeting in Milwaukee this year.

Alex McAdam, M.D., Ph.D.,
Paul E. Strandjord Young Investigator
Award Program Director

Report from the ACLPS Education Committee

Jonathan R. Genzen

The ACLPS Education Committee continues to help guide submission of timely and concise quarterly reviews to AJCP. Recent acceptances of manuscripts include "Pathology Consultation on the Laboratory Evaluation of Thrombophilia: When, How, and Why" by Riley Ballard and Marisa Marques (April, 2012) and an article on Myeloproliferative Disease by Amy

Schmidt and Steve Oh (in press). Jonathan Genzen from Cornell will assume the role of Committee chair at the upcoming Milwaukee meeting; any ACLPS members interested in submitting a review should contact Jon <jrg9010@med.cornell.edu> for advice on format and style and to enable rapid peer review.

2012 ACLPS Ballot of Officers and Committee Members

Officers

President-elect
2012-2013 Robin Lorenz University of Alabama, Birmingham

Executive Council

2012-2015 Pampee Young Vanderbilt University
2012-2015 Joshua Bornhorst University of Arkansas

Committees and Special Assignments

Paul E. Strandjord Young Investigator Award Program Director

2012-2017 Neal Lindeman Harvard University

Nominating and Awards Committee

2012-2015 Geoffrey Baird University of Washington

Membership Committee

2012-2015 Petr Jarolim, Chair Harvard University

Education Committee

2012-2015 Jonathan Genzen, Chair Cornell University
2012-2015 Marisa Marques University of Alabama, Birmingham
2012-2015 Harv Rinder Yale University