



Academy of Clinical Laboratory Physicians and Scientists (ACLPS)

www.aclps.org

REPORT TO INTERSOCIETY PATHOLOGY COUNCIL

Jonathan R. Genzen, MD, PhD, IPC Representative

2016-2017 ACLPS Officers:

President:	Marisa Marques, University of Alabama at Birmingham
President Elect:	Alexander McAdam, Boston Children's Hospital
Secretary-Treasurer:	David Grenache, University of Utah
Immediate Past-President:	Karen Frank, National Institutes of Health
Past President:	Henry (Harv) Rinder, Yale University

ACLPS Annual Meetings

The 51st ACLPS Annual Meeting (Lab Medicine 2016) was held June 2nd-4th, 2016 at the University of Alabama at Birmingham (UAB). Local hosts Drs. Robin Lorenz, Marisa Marques, Bruce Alexander, and Robert Hardy organized an outstanding educational and scientific program for the nearly 190 attendees who traveled from 25 states and 47 different institutions!

Pre-meeting satellite workshops included genomic pathology - developed by the Training Resident in Genomics (TRIG) Working Group - and clinical laboratory analytics. Scientific sessions covered a diversity of laboratory medicine topics, including thrombotic thrombocytopenic purpura, apheresis, blood management, anticoagulation, sickle cell disease, precision oncology, diabetes, troponin testing, Ebola preparedness, molecular microbiology, and laboratory developed test (LDT) regulation. An overview of the Institute of Medicine report "*Improving Diagnosis in Health Care*" was presented by Dr. Michael Laposata, chairman of University of Texas Medical Branch Department of Pathology.

Awards and presentations at the Annual Meeting included the *Cotlove Award* (for outstanding contributions to the science of laboratory medicine) to Dr. Michael Saag of UAB for his work on HIV/AIDS. The *Ellis Benson Award* (for meritorious accomplishments in the field of laboratory medicine by a young faculty member) was presented to Dr. Stephanie Eisenbarth of Yale University for her work on adaptive immunity in the context of red blood cell transfusion. The *Gerald T. Evans Award* (for outstanding service and leadership to ACLPS) was presented to Dr. Jonathan Miller of the University of Chicago.

A highlight of our Annual Meetings is the *Paul E. Strandjord Young Investigator Award* program. At the 2016 meeting there were 58 oral presentations and 29 poster presentations by residents, fellows, graduate students, and medical students from across the country; 31 of the presenters received Young Investigator Awards to cover registration and travel-related expenses. The Friday banquet in honor of awardees took place at the McWane Center - a state-of-the-art science museum housed in

Birmingham's historic refurbished Loveman's building. Finally, a 5k run to benefit Equal Access Birmingham (a UAB medical student-run clinic for underserved populations) raised over \$500 to support clinic initiatives.

ACLPS will be celebrating its 52nd Annual Meeting (Lab Medicine 2017) June 15th-17th, 2017 in New Haven, CT. This meeting will be hosted by Drs. Christopher Tormey, Alexa Siddon, David Peaper, and Harv Rinder at Yale University. Registration information and the scientific program is available at http://aclps.org/meeting_current.html.

Progress Report

- ACLPS currently has 296 active members and 153 associate members.
- ACLPS was represented by Drs. Karen Frank (NIH) and Robin Lorenz (UAB) at the Pathology Roundtable held in July 2016 (San Diego, CA). The Pathology Roundtable addressed numerous issues pertinent to laboratory medicine, including FDA guidance on next-generation sequencing, liquid biopsy, the physician-scientist residency training pathway, regulatory issues related to states, and recruitment of students into pathology.
- In July 2016, the ACLPS Education Committee nominated two members to serve as liaisons to the Training Residents in Genomics (TRIG) initiatives. Dr. Ryan Robetorye (Mayo Clinic Arizona) is serving as ACLPS representative for the TRIG group. Dr. Jason Wang (UT Southwestern) is serving as ACLPS representative for the newly created UTRIG initiative, which is designed to improve medical student training in genomics.
- An ACLPS Ad Hoc Committee on the “Choosing Wisely” campaign was established in 2016 to review and contribute future ideas to this important nationwide utilization initiative.
- A co-sponsored educational session was developed by ACLPS and held at the American Society for Clinical Pathology (ASCP) Annual Meeting on September 14, 2016 in Las Vegas, NV. The title of this session was “*Antimicrobial Susceptibility and Stewardship: The Laboratory’s Role in Improving Outcomes and Quality of Care.*” Speakers for this session included Dr. Angella Charnot-Katsikas (University of Chicago) and Dr. Carey Ann Burnham (Washington University).
- The ACLPS Education Committee recruited authors for five articles published in 2016, as part the “Pathology Consultation” series of case-based review articles in the *American Journal of Clinical Pathology (AJCP)*. All of these articles have associated CME and can be used for SAM credit. Since 2011, 24 articles have been published in this series. 2016 articles included:
 - “Diagnosis and Treatment of Thrombotic Microangiopathies” (February 2016; Lance Williams and Marisa Marques). PMID: [27124904](https://pubmed.ncbi.nlm.nih.gov/27124904/).
 - “Viscoelastic Studies of Coagulopathic Obstetrical Patients” (April 2016; Eric Gehrie, Ian Baine, Garrett Booth). PMID: [27124951](https://pubmed.ncbi.nlm.nih.gov/27124951/).

- “Influenza Diagnostics” (April 2016; Allison McMullen, Neil Anderson, Carey Ann Burnham). PMID: [27124947](#).
- “Patients with a Large Rh Immune Globulin Dose Requirement” (June 2016; Kerry Welsh and Yu Bai). PMID: [27267375](#).
- “Disseminated Intravascular Coagulation” (December 2016; Benjamin Boral, Dennis Williams, Leonard Boral). PMID: [28013226](#).

**Note: Starting in 2017, the “*Pathology Consultation*” review article series titles will be renamed to the designation “*An ACLPS Critical Review*”.

- The newly established *Paul E. Strandjord Young Investigator Grant Program* funded three research projects in its first funding cycle. This grant program is intended for research relevant to clinical laboratory science, clinical pathology, and laboratory medicine. As the grant program is designed for young investigators, grant recipients must either be in training (residency and/or fellowship) or less than three years after their first faculty appointment. Funding for individual grants is limited to \$10,000. 2016 awardees were:
 - Dr. Margo R. Rollins (Pediatric Transfusion Medicine Fellow; Emory University / Children’s Healthcare of Atlanta) - *A Novel Multi-Shear Endothelialized Microfluidic Device for Investigating Cellular Interactions, Drug Discovery, and Therapeutic Pheresis Ex vivo in Sickle Cell Disease*.
 - Dr. Wade L. Schulz (Clinical Pathology Resident, Yale University / Yale-New Haven Hospital) - *Identification of Molecular Clonality and its Prognostic Impact in Acute Myeloid Leukemia*.
 - Dr. Brenda B. Suh-Lailam (Assistant Professor, Ann & Robert H. Lurie Children’s Hospital of Chicago) - *Clinical Utility of Beta-Hydroxybutyrate Point-of-Care Testing in Patients with Epilepsy Treated with the Ketogenic Diet*.

2016 awardees will be presenting their data at our 2017 Annual Meeting (New Haven, CT). A second funding cycle for the grant program was completed in fall 2016. Awardees will be announced prior to our 2017 Annual Meeting. Calls for applications for upcoming grant cycles will be posted at: <http://aclps.org/grant.html>.