



ACADEMY OF CLINICAL LABORATORY
PHYSICIANS AND SCIENTISTS

NEWSLETTER

Spring, 2011

Editor: Geza S. Bodor
Denver, Colorado

President's Message

William L. Roberts

Dear ACLPS Members:

It is hard to believe that the 2010-2011 academic year is nearly over. Our 46th annual meeting will be held in St. Louis June 9-11th. Early registration ends May 9th so please be sure to register early to avoid a late registration fee. See www.aclps.org for additional details. Once again this should be an outstanding meeting. Thursday afternoon there will be a session next-generation genomic sequencing followed by a panel discussion on managing referral testing. Friday morning will be devoted entirely to the Young Investigator sessions. On Friday afternoon our keynote speaker will be Eric Green, director of the National Human Genome Research Institute at NIH. Skip Virgin, Chair of Pathology & Immunology at Washington University will be speaking about new virus discovery. The awards dinner on Friday will be held at the St. Louis zoo. On Saturday morning there will be a session on laboratory developed tests with perspectives from the FDA and academic clinical laboratories. Two examples of clinical pathology consultation cases will also be presented. Many thanks to local co-hosts Mitch Scott and Chuck Eby and the Program & Finance Committee under Jonathan Miller's direction. I hope to see all of you there.

As my term draws to a close, I would like to thank some of the many hardworking volunteers who make ACLPS a successful organization. Thanks to Alex McAdam and his dedicated team of anonymous reviewers who reviewed nearly 80 abstracts. In addition to the selection of 30 young investigator oral presentations, we anticipate 25 additional oral presentations and 20 poster presentations.

I would like to thank the Publications Committee under Bruce Alexander's direction for their careful review of the ACLPS Bylaws and the functions of the committee over the past decade or so. They unanimously decided that this committee should be retired. Part of the rationale includes the fact that the Executive Council has handled negotiations with AJCP rather than the committee. Some of the committee's responsibilities can be better handled by the Education Committee, which has a more permanent Chair and is better equipped to stimulate articles for AJCP, better positioning ACLPS as a leader in laboratory medicine education. As a consequence of this careful review, the Executive Council is proposing Bylaws changes to the membership for their approval.

The Education Committee, under Harv Rinder's

leadership, has continued to prepare laboratory medicine questions for the RISE. Two pathology consultation review articles with CME and SAM credit available have now been published in AJCP. The first appeared in January on warfarin pharmacogenetics (Stack G; Education Committee of the Academy of Clinical Laboratory Physicians and Scientists. Pathology consultation on warfarin pharmacogenetic testing. Am J Clin Pathol. 2011;135:13-9) and the second in April on critical value reporting (Genzen JR, Tormey CA; for the Education Committee of the Academy of Clinical Laboratory Physicians and Scientists. Pathology consultation on reporting of critical values. Am J Clin Pathol. 2011;135:505-13). The Education committee will also be working with ASCP to conduct a review of function of AJCP. ACLPS will also be making a co-branded presentation at the 2011 ASCP annual meeting on "Pathology consultations: making them effective and relevant." This presentation is partly in response to need identified by CAP report issued last year on the importance of clinical pathology consultation.

In February, Jeff Kant attended the Intersociety Pathology Council meeting. Issues discussed at this meeting included the future manpower shortage of non-physician workforce members in clinical laboratories, the coming retirement cliff for pathologists and doctoral clinical laboratorians, and the pathology fellowship match. Thanks to Steve Spitalnik for representing ACLPS at the Council of Academic Societies. I also appreciate Geza Bodor and his hard work over many years on this newsletter.

In May, Ed Ashwood and Jonathan Miller will be representing ACLPS at the Cooperating Societies meeting of the American Board of Pathology. In the past we have unsuccessfully attempted to have a full year of research included for straight CP resident training. Other organizations are beginning to consider options in this area and we will examine opportunities carefully to decide which one(s) to support.

I want to thank Brian Jackson for his hard work as secretary-treasurer. He has kept the Academy moving and on course. Finally, thanks to Mitch Scott for his help this year, in addition to being a local host, he chaired the Nominating and Awards Committee. They have provided an excellent slate of officers and committee members for your consideration.

One final note is on the tax-exempt status of ACLPS. ACLPS has been incorporated as a non-profit corporation in Utah for many years. On recent review, our status as a non-private foundation section 501(c)(3) organization was unclear. The IRS has confirmed that we were officially recognized as exempt under section 501(c)(3) in December 1970. Documentation of this status makes it possible for donors to deduct contributions as defined in section 170 of the code. It also provides additional opportunities to receive support from nonprofit foundations for our annual meetings.

Sincerely,
Bill Roberts

Proposed Bylaws Changes

The Executive Council is proposing Bylaws changes to the membership for their approval. Relevant sections of the Bylaws are attached below. Proposed additions are highlighted in

red font, proposed deletions are indicated by ~~strikeout font~~. Consider the proposed changes and plan to vote on them at the annual meeting. (Ed.)

Academy of Clinical Laboratory
Physicians and Scientists, Inc.
(a Utah nonprofit corporation)

BYLAWS

June 2011~~09~~

Section 7 - Meetings of Members, Order of Business, Quorum and Voting

Section 7.1

There shall be an Annual Meeting of members which shall include both the academic and business meetings, the time, place, and agenda of which shall be determined by the Executive Council. The Annual Meeting shall take place not less than six (6) months nor more than fifteen (15) months after the preceding Annual Meeting.

Section 7.2

The membership shall receive at least two (2) months' written notice of the Annual Meeting. The notice of which shall include the time and place of the Annual Business Meeting.

Section 7.3

At each Annual Meeting there shall be at least one (1) business meeting of the members. The President shall preside at all business meetings.

Section 7.4

A. Unless waived by a majority vote of those present and voting, the order of business at Annual Business Meetings shall be as follows:

- (1) Reading of the minutes of the previous business meeting and their approval
- (2) Reports of the Executive Council

- (3) Reports of the Standing Committees
 - (a) Membership Committee
 - (b) Program and Finance Committee
 - ~~©) Publications Committee~~
 - (c) Nominating and Awards Committee
 - (i) Announcement of ballot
 - (ii) Call for nominations from the floor
 - (iii) Distribution of ballots
- (4) Reports of the Ad Hoc Committees
- (5) Unfinished business
- (6) General business
- (7) New business
- (8) Election results
- (9) Installation of the new President
- (10) Adjournment

Section 10 - Committees

The Standing Committees of the Society shall consist of the Membership Committee, the Program and Finance Committee, ~~the Publications Committee~~, the Nominating and Awards Committee, and the Education Committee.

Section 10.1: Membership Committee

- A. The Membership Committee shall consist of the Chair, the Secretary-Treasurer and three (3) other at-large active members of the Society who are not members of the Executive Council, one of whom is to be appointed each year by the President with the approval of the Executive Council for a three (3) year term.
- B. The Membership Committee shall receive and review all applications for membership and shall consider and investigate any charge made against any member acting under the provisions of these Bylaws.
- C. The Membership Committee shall make recommendations to the Executive Council, but is not empowered to take any other action unless provided for in these Bylaws.

Section 10.2: Program and Finance Committee

The Program and Finance Committee shall consist of nine (9) active members with one (1) year terms. The members of this Committee shall be appointed as follows:

The President-Elect shall chair this Committee.

Each year at the Annual Meeting the President shall name eight (8) members to this Committee: usually this shall consist of one (1) who was the Local Program Chair of the previous meeting, one (1) who is the Local Program Chair of the next meeting, and two (2) who shall be designated Local Program Chair for the following two (2) meetings, the Secretary-Treasurer, the Director of the Young Investigator Awards Program, and two (2) members at large.

The Program and Finance Committee shall 1) oversee and approve the program for the Annual Meeting of the members; 2) develop goals for fund raising which shall be submitted to the Executive Council for approval; and 3) conduct annually a fund raising campaign to support the activities of the Society as approved by the Executive Council.

Section 10.3: Nominating and Awards Committee

- A. The Nominating and Awards Committee shall consist of five (5) active members, three (3) of whom shall be elected at the Annual Meeting of the Society. None shall be a current member of the Executive Council, and one shall be elected each year for a three (3) year term. The fourth member shall be appointed by the President for a one (1) year term. The fifth member and Chair shall be the Immediate Past President.
- B. The Chair of the Committee shall solicit nominations from the membership for each office and committee position to be elected at the next Annual Business Meeting. The slate will include the following positions: President-Elect, two Executive Council members at large, Nominations and Awards committee member, ~~Publications committee member~~. A nomination for Secretary-Treasurer and Membership Committee Chair will usually be necessary every three years and a nomination for the Paul E. Strandjord Young Investigator Award Program Director every five years. The slate will be presented to the Executive Council for approval. Upon approval, these names will be placed on the ballot for election. A copy of the slate, along with any proposed assessments and bylaw amendments, shall be sent to each member at least one (1) month preceding the Annual Business Meeting.
- C. Additional nominations of any candidate for any office may be made from the floor at the Annual Meeting and upon seconding of the nomination, the name will be added to the ballot. All persons who are nominated must indicate their willingness to serve.
- D. The Awards of the Society are:

Cotlove Lectureship: Presented to a scientist (member or nonmember of the Society) selected for outstanding contributions to the science of laboratory medicine.

Evans Award: Awarded to a member for outstanding leadership and/or service to the Society.

Ellis Benson Award: Presented to a young physician and/or scientist (member or non-member of the society) in recognition of meritorious accomplishment in the field of laboratory medicine.

The Nominating and Awards Committee shall receive recommendations from any member for the Society's awards. The Committee shall recognize the recommendation from the Program Chairman of the next Annual Meeting for the Cotlove Lectureship. The Nominating and Awards Committee shall present its selections to the Executive Council for approval.

Section 10.4: Publications Committee

- ~~A. The Publications Committee shall consist of five (5) members: three (3) members shall be elected at the Annual Meeting of the Academy and serve for three years; one (1) member shall be appointed by the President for a one (1) year term, and the fifth member and Chair shall be the Past President (second year).~~
- ~~B. Each year the Nominating and Awards Committee shall propose one member for approval by the Executive Council for the Publications Committee. Other nominations may be made from the floor at the Annual Business Meeting and upon seconding the nomination, the name will be placed on the ballot and submitted to the membership for vote. All persons who are nominated must indicate their willingness to serve. If a member of the Publications Committee is unable to serve, he/she shall be replaced by the President with the approval of the Executive Council.~~
- ~~C. The Publications Committee will propose members to serve on the Editorial Board(s) of the Academy's official journal(s), to the Executive Council, and as the Editor(s) of the journal(s). The Publications Committee will manage the contractual relations for the journal(s) with the approval of the Executive Council. Further, the Publications Committee will encourage members of the Academy to submit manuscripts from their scientific work to the official journal(s) of the Academy.~~

Section 10.45: Education Committee

- A. The Education Committee shall consist of up to nine (9) **elected** members: a Chair, the ACLPS Representative to the American Board of Pathology, and no more than 7 additional members. All positions shall be for staggering terms of three years and all can be renewed indefinitely. All candidates shall be nominated by the Nominations and Awards Committee, approved by the Executive Council, and voted on by the membership. Other nominations may be made from the floor at the Annual Business Meeting and upon seconding the nomination, the name will be placed on the ballot and submitted to the membership for vote. All persons who are nominated must indicate their willingness to serve. If a member of the Education Committee is unable to serve, he/she shall be replaced by the President with the approval of the Executive Council. **Additional ad hoc members may be appointed for one year terms by the President as needed with approval of the Executive Council.**
- B. The responsibilities of the Education Committee will include: (1) providing liaison to the American Society of Clinical Pathology (ASCP) Resident In-Service Examination (RISE) Committee, for as long as a relationship exists between ACLPS and ASCP to jointly produce this program; (2) development and implementation of all other educational activities of the Academy, whether carried out by the Academy solely by itself or jointly with other organizations, including continuing medical education activities and development of educational curricula in the field, but excluding the educational aspects of the Annual Meeting which shall be the province of the Program & Finance Committee.

Report on the Paul E. Strandjord Young Investigator Award Contest

We received a large number of abstracts for the upcoming ACLPS meeting. The abstracts were reviewed by a panel of blinded ACLPS members. Based on these reviews, seventy-five abstracts have been accepted 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 ACLPS meeting in St. Louis, June 9-11, 2011.

Alex McAdam, M.D., Ph.D.,

Paul E. Strandjord Young Investigator Award
Program Director

**46th Annual ACLPS Meeting:
June 9–11, 2011, in St. Louis, MO
Invitation to Attend**

Plans are complete for the 46th Annual Meeting to be hosted by the Division of Laboratory and Genomic Medicine at Washington University in St. Louis. The meeting will be held at the Chase-Park Plaza Hotel, which is a few blocks from the medical center and directly across the street from Forest Park, one of the largest municipal parks in the country. The awards dinner on Friday evening will be held at the world famous St. Louis Zoo; we will have the opportunity to tour the zoo by narrow gauge railroad before dinner.

The meeting will begin on Thursday afternoon June 9 with a session that will focus on next-generation sequencing and its impact on clinical laboratories. This session will feature members of the Genome Center at Washington University, including Elaine Mardis, PhD, (co-director of the Genome Center) and members of the Division of Laboratory and Genomic Medicine who are translating genomic information into individualized cancer treatment.

Thursday afternoon will conclude with a panel discussion of representatives from institutions and what they are doing to help control send-out testing.

As always, the Young Investigator Sessions will make up the entire Friday morning program.

Our keynote speaker (Cotlove Award) on Friday afternoon will be Eric Green, MD, PhD, director of the National Human Genome Research Institute, NIH. On Friday afternoon we will also hear from Herbert (Skip) Virgin, MD, PhD, chair of Pathology and Immunology at Washington University, who will be speaking about new virus discovery.

The Saturday morning program will feature a session providing the FDA and academic clinical laboratory perspectives on laboratory developed tests (LDTs) and will conclude with two examples of clinical pathology consultations for two very interesting cases. We look forward to seeing everyone in St. Louis for a very exciting program.

Mitch Scott

Chuck Eby

Co-hosts

Academy of Clinical Laboratory Physicians & Scientists
46th Annual Meeting
Chase Park Plaza Hotel
Saint Louis, Missouri
June 9 – 11, 2011

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:

- Describe the technology behind NextGen sequencing and how it differs from traditional Sanger chain termination methods
- List current applications of NextGen sequencing in the clinical laboratory
- Discuss the impact of whole genome sequencing on individualizing treatment of cancer
- Develop plans and strategies to optimize utilization of reference laboratory services
- List the major milestones of the Human Genome Project and describe its potential for improving health care
- Describe genomic approaches taken to discover new human viruses
- Define a laboratory developed test (LDT)
- List three common causes of misleading HbA_{1c} values
- Describe three circumstances when amplification of 16S rRNA directly from clinical specimens may be useful

Thursday, June 9

1:00 – 6:00 pm **Registration**

Khorassan Pre function

12:30 – 2:45 pm **Executive Council Meeting**

Boardroom

2:45 – 5:30 pm **Session 1 Next Generation Sequencing Impact on Clinical Labs**

Khorassan Ballroom

2:45 – 3:30 pm *Whole Genome Sequencing in Diagnostic Applications*

Elaine Mardis, PhD

Associate Professor of Genetics

Co Director, Genome Center

Washington University

3:30 – 4:00 pm *Novel Informatics and Molecular Tools for Clinical Sequencing*
Rob Mitra, PhD
Assistant Professor of Genetics
Washington University

4:00 – 4:30 pm *“Whole Genomic Sequencing Reveals Novel Mutations in Acute Myelocytic Leukemia”*
Jacqueline Payton, MD, PhD
Assistant Professor of Pathology and Immunology
Washington University

4:30 – 5:00 pm *Leveraging Genomics for Next Generation Diagnostics*
Mark Watson, MD, PhD
Associate Professor of Pathology and Immunology
Washington University

5:00 – 5:30 pm Panel Discussion

6:30 – 8:30 pm **Welcome Reception**
Zodiac Room

Friday, June 10

7:30 – 8:30 am **Breakfast**
Khorassan West

8:30 – 10:00 am **Session 2 Young Investigator Presentations**
(Regency and Lindell A, B, C and D Rooms)

10:00 – 10:30 am **Coffee Break**
Khorassan West

10:30 – 11:45 am **Young Investigator Presentations (continued)**
(Regency and Lindell A, B, C and D Rooms)

12:00 – 1:00 pm **Lunch**
Zodiac Room

- 1:00 – 5:30 pm **Session 3 Genomic Advances**
Khorassan Ballroom
- 1:00 – 1:45 pm **Cotlove Award Lecture**
Charting a Course for Genomic Medicine
Eric Green, MD, PhD
Director, National Human Genome Research Institute
National Institutes of Health
- 1:45 – 2:15 pm *Metagenomic Approaches to Virus Discovery and Viral Disease*
Herbert “Skip” Virgin IV, MD, PhD
Edward Mallinckrodt Professor and Chair
Department of Pathology and Immunology
Professor of Molecular Microbiology and Medicine
- 2:15 – 3:30 pm **Poster Viewing and Networking Session**
(Refreshments Served)
Khorassan West
- 3:30 – 4:00 pm **Ellis Benson Award Lecture**
“Non Hemolytic Antigen Loss during Crossmatch Incompatible Transfusion: Diagnostic, Mechanistic and Medical Considerations.”
James C. Zimring, MD, PhD
Associate Professor of Pathology and Laboratory Medicine
Emory University
- 4:00 – 5:00 pm **Panel Discussion**
“Managing Send Out Costs – What Have You Tried, What Works, What Doesn’t?”
Panelists: David Bernard, MD, PhD, Cornell University
 Chris Tormey, MD, Yale University
 Mike Laposata, MD, PhD. Vanderbilt Univ.
Moderator: Michael Dunne, PhD, Washington University
- 6:30 – 9:30 pm **Awards Banquet**
St. Louis Zoo – The Living World

Saturday, June 11

7:30 – 8:30 am **Breakfast**

Khorassan Ballroom

8:45 am – 10:00 am **Session 4 – "Laboratory Developed Tests"**

Khorassan Ballroom

8:45 – 9:15 am FDA Perspective

How Can We Close the Regulatory Gaps for Laboratory Developed Tests?

Alberto Gutierrez, PhD

Director, Office of In Vitro Diagnostics, FDA

9:15 – 9:45 am Laboratory Perspective

LDTs: Perspectives from the Academic Molecular Diagnostics Laboratory

Jeffery Kant, MD, PhD

Professor of Pathology and Human Genetics

University of Pittsburgh

9:45 – 10:00 am Panel Discussion

10:00 – 11:00 am **Session 5 – "Clinical Pathological Correlations"**

10:00 – 10:30 am *Case 1: "The knee bone is connected to the... lungs?" (Microbiology)*

Discussant: Alex McAdam, MD, PhD

Associate Professor of Pathology

Children's Hospital of Boston

10:30 – 11:00 am *Case 2: "An unexpectedly normal hemoglobin A1c result in a newly diagnosed Type 2 diabetic patient."*

Discussant: David B. Sacks, MD

Chief, Clinical Chemistry Service

National Institutes of Health

11:15 – 12:00 pm **Membership Business Meeting**

12:00 **Box Lunch**

Khorassan West

12:00 – 2:00 pm **Executive Council Meeting**

Regency Room

Registration Form
Academy of Clinical Laboratory Physicians & Scientists
46th Annual Meeting
Hosted by Washington University School of Medicine, St. Louis, MO
Department of Pathology and Immunology
June 9-11, 2011

Name: _____ Degree(s): _____

Institution/Program Affiliation: _____

Address: _____

Phone: _____ Fax: _____

Email: _____

Registration Fees *

Young Investigator Award Winner	Fee Waived	
Full Meeting Registration	\$325	<input type="checkbox"/>
Late Registration (<i>received after May 9, 2011</i>)	\$380	<input type="checkbox"/>
Thursday Afternoon Session Only	\$85	<input type="checkbox"/>
Friday Session Only	\$85	<input type="checkbox"/>
Saturday Morning Session Only	\$85	<input type="checkbox"/>

Activities:

Thursday Evening Welcome Reception

Yes, I will attend No, I will not attend

Number of guests: _____ x \$85 / Guest = \$_____ Guest name: _____

Friday Evening Awards Banquet

Yes, I will attend No, I will not attend

Number of guests: _____ x \$85 / Guest = \$_____ Guest name: _____

Select Entree for Friday Banquet: **Surf and Turf** **Vegetarian**

Special Dietary Requirements (please specify): _____

Saturday Box Lunch

Yes, I would like a box lunch

No, I would not like a box lunch

Payment Information:

Check enclosed, payable to: Academy of Clinical Laboratory Physicians and Scientists (ACLPS)

Charge \$_____ to my credit card

MasterCard Visa American Express

Cardholder's Name: _____

Credit card number: _____ Exp. Date: _____

Credit card security code (last three digits on the back of your card): _____

Cardholder's Billing Address: _____

Cardholder's Signature: _____

Please complete and print this form and return via email, fax or US mail to:

Julie Follman, Special Project Administrator

Washington University School of Medicine – Department of Pathology and Immunology

660 South Euclid Avenue, Campus Box 8118

St. Louis, MO 63110

Email: follman@wustl.edu; phone: 314-362-3110; fax: 314-362-8888

Transportation

Taxis are readily available outside the baggage claim area of Lambert International Airport and cost approximately \$40 for a one-way ride to the hotel.

Hotel

Hotel reservations should be made **before May 10, 2011** in order to receive the meeting room rate. Please mention the ACLPS group to receive the discounted rate of \$162/night.

Chase Park Plaza Hotel

212 North Kingshighway Boulevard

St. Louis, MO 63110

Toll-Free Reservation: 877-587-2427

Tel: 314-633-3000

Web: <http://chaseparkplaza.com>

Registration Fees Information*

Full meeting registration fee includes: course materials, breaks, breakfast and lunch on Friday and Saturday, Thursday's Welcome Reception and Friday's Awards Banquet.

If registration is cancelled prior to **May 16, 2011**, the registration fee is refundable, less a \$25 cancellation fee. Cancellations after **May 16, 2011** are not refundable.

This program will be approved for Continuing Medical Education and ACCENT credit.

2011 ACLPS Ballot of Officers and Committee Members

Officers

President Elect	2011 - 2012	Eric Spitzer	Stony Brook University
Secretary-Treasurer	2011 - 2014	David Grenache	University of Utah

Executive Council

2011 – 2014	Mark Wener	University of Washington
2011 – 2014	Ann Gronowski	Washington University
2011 – 2012	Andy Hoofnagle	University of Washington (to replace Eric Spitzer)

Committees and Special Assignments

Membership Committee

2011 – 2014	Amy Saenger	Mayo Medical Laboratories
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Nominating and Awards Committee

2011 – 2014	Mike Astion	University of Washington
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Publications Committee

2011 – 2014	Ross Molinaro	Emory University
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Education Committee

2011 - 2014	Corrine Fantz	Emory University
2011 - 2014	Dan Bankson	University of Washington
2011 - 2014	Stacey Klutts	University of Iowa