Dear ACLPS Members:

It is that time of year that we all look forward to the upcoming annual ACLPS meeting, Lab Medicine 2014 (May 29-31, 2014). The meeting this year is hosted by the University of California, San Francisco, Department of Laboratory Medicine and this year’s local hosts are Enrique Terrazas and Alan Wu. Highlights will include a special presentation by Dr. Henry Lee, a Forensic Scientist, author and television show producer (http://en.wikipedia.org/wiki/Henry_Lee_(forensic_scientist)); as well as a multi-course Chinese Banquet in Chinatown. The Cotlove Award Lecture will be given by Dr. Garry Nolan from Stanford University. Details can be found later in this Newsletter and registration forms are available online at http://www.aclps.org/meeting_current.html.

One of the topics that the ACLPS Executive Council has been discussing this year is how to utilize social media to connect with our current members and to potentially attract new members. Towards that goal, Jorge Sepulveda helped us to set up an ACLPS LinkedIn Group (https://www.linkedin.com/groups/Academy-Clinical-Laboratory-Physicians-Scientists-7441486?home=&gid=7441486&trk=anet Ug_hm&goback=%2Egmp_7441486). If you are not already a member of this group, then please consider joining. The ACLPS LinkedIn group is intended as a forum for communication among members, for discussions on any topic related to laboratory medicine, and for promoting and disseminating ACLPS goals. Please note that job announcements and advertisement postings are not allowed; however, a link to this type of information that is maintained on the ACLPS website is provided. Anyone who is interested in helping ACLPS establish a social media presence should contact either myself or Jorge to discuss ideas for our future.

As many of you know, our ACLPS representative to the American Board of Pathology (ABP) was Ed Ashwood from the University of Utah. Due to Ed’s appointment as an ABP trustee in January 2014, the Executive Board named Neal Lindeman to be our new ACLPS representative to the ABP. We look forward to Neal’s input to the ABP and his reports back to the ACLPS membership. In addition to this change in our representative to the ABP, we also named Jonathan Genzen to serve as our ACLPS representative to the Intersociety Pathology Council (IPC). In that capacity, Jon attended the IPC Annual Meeting that was held in San Diego on March 2, 2014. The IPC meeting serves as a forum for pathology societies to update each other on
past, current, and upcoming activities. Representatives included organizational presidents, vice-presidents, executive directors, and/or liaisons. Organizational updates are provided as both written Reports of Member Societies, as well as verbal presentations from each organization. There were 19 Pathology societies in attendance. The ICP Meeting Minutes, Administrative Report, and Financial Report are posted online at: http://www.interpathcouncil.org/. Written reports from member organizations are also available on the ICP website at: http://www.interpathcouncil.org/members/constituent_organizations.cfm. The ACLPS update included our written report, as well as a verbal summary of current and upcoming activities. These included 1) a description of the 2013 Annual Meeting in Atlanta, GA; 2) an announcement and description of the 2014 Annual Meeting in San Francisco; 3) an announcement of the 50th anniversary of our Annual Meeting, to be held in 2015 in Minnesota; 4) a highlight of the Paul E. Strandjord Young Investigator Program, emphasizing the opportunity for trainees to present data and learn about clinical pathology at our annual meetings; 5) an update on ACLPS member and ABP representative Dr. Ashwood’s selection to serve as trustee of ABP, and our nomination of Dr. Neal Lindeman as new ABP representative; 6) an update on the continued role of ACLPS members as contributors to RISE examination, including ACLPS member Dr. Karen Frank as RISE Committee chair; 7) an update on co-sponsored educational sessions at society annual meetings (mentioning ASCP and FOCIS); 8) an update on “Pathology Consultation” articles in AJCP; and 9) a mention of our plan (in association with the American Physician Scientist Association) to offer a travel award to MD/PhD students to our annual meeting. Of these discussion points, the last one initiated a conversation with other representatives that are pursuing similar efforts to attract MD/PhD trainees, as well as a brief follow-up discussion regarding the proposal to establish a “physician-scientist research residency pathway” in pathology.

As a follow-up to the information provided by the Pathology Workforce Summit in the Fall 2013 Newsletter, ACLPS has been working with several other pathology groups (ACS, AMP, APC, API, ASC, ASCP, and ASIP) as part of a post-summit PhD Taskforce. This taskforce has as an action item “to collect longitudinal data on the population of PhD scientists being trained for careers in pathology and laboratory medicine”. As the PhD workforce is critical to running a successful laboratory medicine program and is a critical part of ACLPS, we look forward to working with other pathology (and non-pathology) groups to determine the actual numbers of PhD scientists in laboratory medicine. If any of our ACLPS members are also members of other groups that represent PhD scientists in laboratory medicine (AACC, ASM, etc) and would like to help with this taskforce, then please contact me (rlorenz@uab.edu).

Finally, I would like to bring to your attention several newly published AJCP “Pathology Consultation” papers from the ACLPS Education Committee. Recent articles have focused on Electronic Crossmatching, B-cell lymphomas, HbA(1c) methods, anticoagulation monitoring, and direct thrombin inhibitors (1-5). These articles are highly cited and bring a lot of visibility to ACLPS and our Education Committee and especially its Chair – Jonathan Genzen – should be congratulated for all their efforts. As my year as President comes to an end, I would also like to thank our immediate past president - Eric Spitzer, our future president – Harv Rinder, and our secretary-treasurer – David Grenache, for all their help this
year. Without their time and efforts, all of the things that ACLPS has accomplished and has been involved in this year could not have happened. Thanks for everyone’s support this year and I am looking forward to seeing each of you in San Francisco in May.


Save the Date!

49th Annual ACLPS Laboratory Medicine Meeting
San Francisco, CA
May 29-May 31, 2014

The final details have been completed for the 49th Annual Meeting, to be hosted by the Department of Laboratory Medicine at the University of California, San Francisco (UCSF). The meeting will be held at the Grand Hyatt San Francisco Hotel, which is located in Union Square. The area was once used for rallies and support for the Union Army during the American Civil War, earning its designation as a California Historical Landmark. Today, it is one of the world’s premier shopping districts. It is conveniently located near public transportation, including the iconic cable cars. The 36th floor of the Grand Hyatt sets the stage for the Thursday evening reception, offering panoramic views of San Francisco. The Friday evening awards banquet will be held at the Empress of China Restaurant, located in San Francisco’s historic Chinatown district, the largest chinatown outside of Asia.

The scientific program is complete. Thursday afternoon will have presentations about proteomics, transfusion, point of care testing, and lab developed tests. An alternate Thursday afternoon activity is a workshop on genomics and training of residents in genomics (TRIG). As always, the Young Investigator Sessions will make up the entire Friday morning program. Friday afternoon will feature presentations by the Cotlove Award recipient Dr. Garry Nolan from Stanford University, Dr. Henry Lee, who will speak about high profile forensic cases and clinical forensic toxicology with a live real-time analysis /discussion with the San Francisco Poison Control Center. We will return to the 36th floor for the Friday afternoon poster session. The Saturday morning program will begin with the Ellis Benson Award lecture by Dr. Carey-Ann Burnham followed by 4 presentations covering diverse current topics in laboratory medicine.

Additional optional activities abound, including a satellite meeting on Clinical Laboratory Analytics, a golf outing at the Olympic Club, a tour of the UCSF China Basin Clinical Laboratory, and a Milestone update for residency and fellowship program directors.

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

Also please note the approaching deadlines to make sure you register on time: May 1st for early registration, and May 7th for discounted hotel rate (or while room availability lasts). We are filling up for some of the optional activities, so register now if you plan to attend!

Enrique Terrazas
Alan Wu
Co-hosts
Emerging Technologies for the Clinical Laboratory

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

The learning objectives for this meeting are as follows:
- Describe new testing methods and emerging trends in the clinical laboratory
- Review clinical applications of new technologies in the clinical laboratory
- Discuss clinical applications of mass spectrometry in the clinical laboratory

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>8:00 am – 12:00 pm</td>
<td>Satellite Sessions in Clinical Laboratory Analytics (see separate schedule)</td>
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<tr>
<td>10:00 am – 6:00 pm</td>
<td>Registration</td>
</tr>
<tr>
<td>11:30 am – 1:30 pm</td>
<td>Optional Tours of China Basin Clinical Laboratories</td>
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<tr>
<td>12:00 pm – 2:00 pm</td>
<td>Executive Council Meeting</td>
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<tr>
<td>2:00 pm – 2:15 pm</td>
<td>Welcome and Introductions</td>
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<tr>
<td>2:15 pm – 2:45 pm</td>
<td>Moderator: Enrique Terrazas</td>
</tr>
<tr>
<td>2:45 pm – 3:15 pm</td>
<td>Age of blood, does it matter?</td>
</tr>
<tr>
<td>3:15 pm – 3:35 pm</td>
<td>Break</td>
</tr>
</tbody>
</table>

Start of Scientific Sessions

Cliff Lowell MD PhD
Professor & Chair, Department of Laboratory Medicine

Enrique Terrazas, MD
Clinical Professor, Department of Laboratory Medicine

Moderator: Enrique Terrazas

Proteomics for traumatic brain injury
Jennifer Van Eyk, Johns Hopkins University

Age of blood, does it matter?
Philip Norris, UCSF
<table>
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<tr>
<th>Time</th>
<th>Event</th>
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</table>
| 3:35 pm – 4:20 pm | **Breakout: Case Reports**  
*Innovations in Point-of-Care Testing, Alan Wu, UCSF*  
*Clinical immunology, Melissa Snyder, Mayo Clinic*  
*Coagulation, Mike Laposata, Vanderbilt University* |
| 4:20 pm – 4:50 pm | **Economic justification and LDT validation of mass spectrometry in the clinical laboratory**  
Paul Jannetto, Mayo Clinic |
| 2:15 pm – 5:00 pm | **Concurrent TRIG Workshop**  
Richard Haspel, Beth Israel Deaconess Medical Center  
Andrew Beck, Beth Israel Deaconess Medical Center |
| 6:00 pm – 8:00 pm | **Welcome Reception**  
Grand Hyatt Hotel, 36th Floor |

**Day 2: Friday, May 30**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:15 am – 8:00 am</td>
<td><strong>Breakfast</strong></td>
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</table>
| 8:00 am – 9:30 am | **Young Investigator Presentations 1**  
*Transfusion Medicine*  
*Malignant Hematology*  
*Microbiology*  
*Biomedical Research*  
*Chemistry I* |
| 9:30 am – 10:00 am | **Coffee Break**                                                       |
| 10:00 am – 11:15 am | **Young Investigator Presentations 2**  
*Immunology*  
*Benign Hematology & Coagulation*  
*Molecular Diagnostics*  
*Laboratory Administration & Test Utilization*  
*Chemistry II* |
| 11:15 am – 11:45 pm | **Moderator: Alan Wu**  
**Keynote**  
*Molecular mapping beyond the microscope*  
Richard Caprioli, Vanderbilt University |
| 12:00 pm – 1:00 pm | **Lunch**                                                             |
| 12:00 pm – 1:00 pm | **Milestone Update: Residency and Fellowship Program Directors**  
Laura Edgar  
Executive Director, RC(s) for Medical Genetics, Pathology and Radiation Oncology  
ACGME |
<table>
<thead>
<tr>
<th>Time</th>
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</table>
| 1:00 pm – 1:45 pm | Cotlove Award Lecture  
                  | *A structure for immunity and cancer at the single cell level*  
                  | Garry Nolan, Stanford                                               |
| 1:45 pm – 2:30 pm | Clinical and forensic toxicology (includes live real-time analysis/discussion with Poison Control)  
                  | Craig Smollin, Deb French: Case development/presentation  
                  | Neal Benowitz, Kent Olson, Thomas Kearney, Hallam Guglemann: Blinded toxicology discussants  
                  | Katie Thoren or Jennifer Colby: MS analysts                        |
| 2:30pm – 3:15pm | Coffee Break/Poster Viewing                                         |
| 3:15 pm -4:15 pm | Lessons Learned from High Profile Cases  
                  | Dr. Henry Lee, University of New Haven, CT                         |
| 4:15 pm -4:45 pm | The feminization of America due to environmental toxicology: you are what you eat, drink, and touch  
                  | Tracey Woodruff, UCSF                                               |
| 5:45 pm – 6:30 pm | Buses to Awards Banquet                                             |
| 6:30 pm – 9:30 pm | Awards Banquet  
                  | Empress of China Restaurant                                         |

**DAY 3: SATURDAY, MAY 31**

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>7:30 am – 8:15 am</td>
<td>Breakfast</td>
</tr>
</tbody>
</table>
| 8:15 am – 9:00 am | Moderator: Deborah French  
                  | Ellis Benson Award Lecture  
                  | Carey-Ann Burnham, Washington University                           |
| 9:00 am – 9:30 am | Advancement in flow cytometry  
                  | Fiona Craig, University of Pittsburgh                              |
| 9:30 am – 10:00 am | Monitoring response of blood cancers to chemotherapeutics  
                  | Arun Wiita, UCSF                                                   |
| 10:00 am – 10:30 am | Coffee Break                                                        |
| 10:30 am – 11:00 am | Phenotypings for pharmacogenomics and personalized medicine  
                  | Nigel Clarke, Quest Diagnostics                                     |
11:00 am - 11:30am  
**Next generation sequencing**  
Charles Chiu, UCSF

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**End of Scientific Sessions**

11:45 am  
**Box Lunch**

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**Start of Annual Business Meeting**

12:00 pm – 12:45 pm  
**Membership Business Meeting (all are welcomed to attend)**

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**End of Business Meeting**

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

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**Dr. Henry Lee to speak at ACLPS Annual Meeting**  
**Friday, May 30, 2014, San Francisco CA**

**“Lessons Learned from High Profile Cases”**

Former Connecticut Commissioner of Public Safety, and Director of the Connecticut State Police Forensic Science Lab.

Professor of Forensic Science at the Henry C. Lee Institute of Forensic Science, University of New Haven.

TV show: **“Trace Evidence: The Case Files of Dr. Henry Lee”**

Dr. Lee has investigated and will discuss the following cases:

- JonBenét Ramsey
- OJ Simpson
- Laci Peterson
- Washington DC Sniper
- Helle Craft woodchiper murder
Transportation
Taxis are available outside the baggage claim area of San Francisco and Oakland International Airports. In addition, Bay Area Rapid Transit (BART) can be taken from either airport to a station close to the hotel. See maps on the following page.

Hotel
The meeting will be held at the Grand Hyatt San Francisco. Hotel rooms will be reserved for the ACLPS meeting until 5/7/14.

Hotel reservations should be made before May 7th, 2014 in order to receive the meeting room rate. If you are not using the online hotel registration link below, please mention the Lab Medicine 2014 Meeting to receive the discounted rate of $224/night for single or double occupancy, $249/night for triple occupancy, and $274 for Quadruple occupancy (upgraded rooms are available via the online registration site below for an additional fee).

Grand Hyatt San Francisco
345 Stockton Street, San Francisco, California 94108, USA
Tel: 415-398-1234; 1-888-964-9288
(Mention Lab Medicine 2014 Meeting)

Online Hotel Registration: https://resweb.passkey.com/go/ucsflab
Hotel Web Site: http://grandsanfrancisco.hyatt.com/

To learn more about things to do in San Francisco, go to http://www.sanfrancisco.travel/todo/
Bay Area Rapid Transit (BART)

1. From SFO: take Pittsburgh/Bay Point train.

From OAK: take AirBART bus to BART station and take Daly City train.

2. Exit train at Powell Street Station.

http://www.bart.gov/

Downtown San Francisco

Hotel is approximately five blocks north of the Powell Street BART Station (uphill).
ACLPS Bylaws - Proposed Changes

The Academy’s bylaws need to be amended to reflect the role of the Education Committee Chair to include the responsibilities of the chair, the election and term of the chair, and the inclusion of the chair as a part of the Executive Council.

The necessary changes are presented in the table below with the sections of the current bylaws shown on the left and the proposed amendments to these sections on the right. Changes are indicated in italics and are underlined. A complete copy of the ACLPS bylaws can be found at www.aclps.org.

The Executive Council recommends approval of these amendments.

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<table>
<thead>
<tr>
<th>Academy of Clinical Laboratory Physicians and Scientists, Inc. (a Utah nonprofit corporation)</th>
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<tbody>
<tr>
<td><strong>BYLAWS</strong></td>
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</tr>
<tr>
<td>June 2011</td>
<td>May 2014</td>
</tr>
</tbody>
</table>

**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
   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

---

(1) Reading of the minutes of the previous business meeting and their approval
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(5) Unfinished business
(6) General business
(7) New business
(8) Election results
(9) Installation of the new President
(10) Adjournment
Section 8 - Executive Council

Section 8.1: Composition

The Executive Council shall consist of the President, President-Elect, Secretary-Treasurer, the Immediate Past President, Past President, Membership Committee Chair, Paul E. Strandjord Young Investigator Award Program Director, and six active members at-large, two to be elected annually to serve a term of three (3) years each.

Section 8.2: Manner of Election

Election of officers and members of the Executive Council shall be by written ballot of active members cast in person or by mail, e-mail, or fax and tallied during the last business meeting of the Annual Meeting.

A. A President-Elect shall be elected annually by a majority of active members voting at the Annual Business Meeting.

B. The Secretary-Treasurer shall hold office for a three (3) year term after election by a majority of the active members voting at the Annual Business Meeting.

C. The Chair of the Membership Committee shall hold office for a three (3) year term after election by a majority of the active members voting at the Annual Business Meeting.

D. The Director of the Paul E. Strandjord Young Investigator Award Program shall hold office for a five (5) year term after election by a majority of the active members voting at the Annual Business Meeting.

E. Two at-large members of the Executive Council shall be elected at each Annual Business Meeting. The two nominees receiving the greatest number of votes from those active members present and voting at the Annual Business Meeting shall be elected.

F. Candidates elected by the general active membership shall be announced prior to the conclusion of the Annual Business Meeting.

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A. A President-Elect shall be elected annually by a majority of active members voting at the Annual Business Meeting.

B. The Secretary-Treasurer shall hold office for a three (3) year term after election by a majority of the active members voting at the Annual Business Meeting.

C. The Chair of the Membership Committee shall hold office for a three (3) year term after election by a majority of the active members voting at the Annual Business Meeting.

D. The Director of the Paul E. Strandjord Young Investigator Award Program shall hold office for a five (5) year term after election by a majority of the active members voting at the Annual Business Meeting.

E. The Chair of the Education Committee shall hold office for a three (3) year term after election by a majority of the active members voting at the Annual Business Meeting.

F. Two at-large members of the Executive Council shall be elected at each Annual Business Meeting. The two nominees receiving the greatest number of votes from those active members present and voting at the Annual Business Meeting shall be elected.

G. Candidates elected by the general active membership shall be announced prior to the conclusion of the Annual Business Meeting.

Section 9.6: Chair, Education Committee
Section 9.6: Terms of Offices

A. The terms of office of the President and President-Elect shall be one (1) year; and shall not be held by the same person.

B. The Secretary-Treasurer shall hold office for a three (3) year term and may be re-elected once for a second term of three (3) years. After serving a second term, the Secretary-Treasurer shall not be eligible for re-election to that office for a period of three (3) years.

C. The Secretary-Treasurer is to remain in office until the end of the fiscal year, at which time the Secretary-Treasurer’s office and duties shall be assumed by the Secretary-Treasurer-Elect.

D. The Chair of the Membership Committee shall hold office for a three (3) year term and may be re-elected twice for successive terms of three (3) years each. After serving a third term, the Chair of the Membership Committee shall not be eligible for re-election to that office for a period of three (3) years.

E. The Director of the Paul E. Strandjord Young Investigator Award Program shall hold office for a five (5) year term and may be re-elected once for a second term of five (5) years. After serving a second term, the Director shall not be eligible for re-election to that office for a period of five (5) years.

Section 9.7: Terms of Offices

A. The terms of office of the President and President-Elect shall be one (1) year; and shall not be held by the same person.

B. The Secretary-Treasurer shall hold office for a three (3) year term and may be re-elected once for a second term of three (3) years. After serving a second term, the Secretary-Treasurer shall not be eligible for re-election to that office for a period of three (3) years.

C. The Secretary-Treasurer is to remain in office until the end of the fiscal year, at which time the Secretary-Treasurer’s office and duties shall be assumed by the Secretary-Treasurer-Elect.

D. The Chair of the Membership Committee shall hold office for a three (3) year term and may be re-elected twice for successive terms of three (3) years each. After serving a third term, the Chair of the Membership Committee shall not be eligible for re-election to that office for a period of three (3) years.

E. The Director of the Paul E. Strandjord Young Investigator Award Program shall hold office for a five (5) year term and may be re-elected once for a second term of five (5) years. After serving a second term, the Director shall not be eligible for re-election to that office for a period of five (5) years.

F. The Chair of the Education Committee shall hold office for a three (3) year term and may be re-elected once for a second term of three (3) years. After serving a second term, the Chair of the Education Committee shall not be eligible for re-election to that office for a period of three (3) years.
# 2014 ACLPS Election Ballot
## Annual Business Meeting
### Saturday, May 31, 2014
#### San Francisco, CA

<table>
<thead>
<tr>
<th>Position</th>
<th>Candidates</th>
</tr>
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</table>
| President-elect 2014-2015 | ☐ Karen Frank (NIH)  
☐ _______________  
(Nomination from the Membership) |
| Secretary-Treasurer 2014-2017 | ☐ David Grenache (University of Utah)  
☐ _______________  
(Nomination from the Membership) |
| Executive Council 2014-2017 | ☐ Alan Mast (Blood Center of Wisconsin)  
☐ Robert Fitzgerald (University of California-San Diego)  
☐ _______________  
(Nomination from the Membership)  
☐ _______________  
(Nomination from the Membership) |
| Nominating and Awards Committee 2014-2017 | ☐ Elizabeth Frank (University of Utah)  
☐ _______________  
(Nomination from the Membership) |
| Education Committee 2014-2017 | ☐ Richard Haspel (Harvard University)  
☐ Eldad Hod (Columbia University)  
☐ Carey-Ann Burnham (Washington University)  
☐ _______________  
(Nomination from the Membership)  
☐ _______________  
(Nomination from the Membership)  
☐ _______________  
(Nomination from the Membership) |

I approve of the proposed amendments to the ACLPS bylaws  
☐ Yes  
☐ No

Voting will take place during the annual business meeting on Saturday, May 31, 2014 at 12:00pm. If you are unable to attend the meeting and wish to vote by proxy, please return your completed ballot by May 23, 2014 to David G. Grenache, ACLPS Secretary-Treasurer, ARUP Laboratories, 500 Chipeta Way, Salt Lake City, UT, 84108.