



Newsline

California Association for Medical Laboratory Technology
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BUILDING YOUR CAREER

Ilene Dickman
CAMLT President-Elect

One of the most exciting things about Clinical Laboratory Medicine is that there is a constant stream of new information coming our way. It can range from “hot-topics” such as the effects on public health when toddlers are not vaccinated, to learning the new molecular methods as they continue to replace previous testing methodologies. As a result of these and other changes, our profession pushes us into being a lot more adaptable.

Not only is there a shortage of Clinical Lab Scientists, but there is also a shortage of well qualified supervisors and managers. Are you ready for a more rewarding position? Here are some suggestions from Katie Burke’s blog. She is the Director of Analyst and Media Relations at HubSpot. This is great advice that you may not have learned in school.

- How does the company you are working for (or are considering joining) prioritize personal and professional growth? It will benefit you more to get into a rapidly growing company rather than an established one that is not growing.
- Identify people you admire and learn from them. Don’t wait to be mentored. Record what you see works and what does not. This will help you maintain perspective.
- We always need to learn new things. Don’t run away from things that are not your strengths. Invest the time to push yourself whenever you can and it will pay off.
- Getting the best results in your job is more important than spending a lot of time networking. When other people take credit for your work it hurts, but life isn’t always fair. As a career continues, those who get good results are rewarded.
- Manage your career proactively by asking for what you want. Make sure you are clear about what interests you and pay attention to all feedback.
- Find out what your manager’s priorities are and volunteer for those projects.
- Failure is part of learning. If something does not go your way, don’t be devastated. Move on to the next project. We all need to be like a computer and “reset” when we have a setback.
- Finally, show your gratitude to those who made the time to help you succeed. People do remember this.

This career building advice can also be very valuable when you apply it to personal challenges, whether they are financial, health issues, or family interactions. Taking charge of your life and showing gratitude can forever boost your self esteem and daily happiness.

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Message From the President



Spring is just around the corner. As the temperature rises and the days get longer, your Board of Directors, Executive Office Staff and other dedicated CAMLT volunteers are buzzing with activity as we plan educational events, work with our lobbyist on legislative matters, provide service to our members, attend and participate in workforce planning meetings, and much, much more.

CAMLT's San Luis Obispo to Santa Barbara Chapter held the first local chapter continuing education seminar of 2015 on Jan 30 and 31 in San Luis Obispo. A second local chapter seminar hosted by Tulare/Kings Chapter took place on February 28 and March 1 in Visalia. Registrants enjoyed a wide variety of seminars topics. Soon to take place is the Fresno Chapter CE seminar on March 7 and 8 in Fresno. Statewide CE seminars are planned for March 21 and 22 in North Hollywood and April 18 and 19 in Concord. I hope to see you at our CE events as there are no substitutes for face-to-face

interaction with your colleagues and networking opportunities. Check our online continuing education calendar for the most up-to-date information about both statewide and local chapter offerings.

The next Board of Directors meeting will be held on March 21st at the Kaiser Regional Laboratory, North Hollywood, CA. Come and meet with your Board members on March 21st as we join you for coffee breaks during Winter Seminar South of the same location. Be sure to register early. Winter Seminar South general information and registration form can be found in this issue.

While Public Policy Advocates (PPA) was successful last session in expanding the CLS scope of practice and stopping two major pieces of legislation that would have allowed others to perform Clinical Laboratory Science without sufficient training and education, some of these bills are expected to return in some form this year. You may check the CAMLT website for updates on bill status and find ways to contribute to our efforts in maintaining patient safety in laboratory testing and preservation of our profession.

As a professional, it is vital to maintain some sort of involvement in your career outside of your day-to-day activities. Throughout the years, our profession has derived benefits from the commitment of CAMLT members. It is important to be passionate about our profession. We cannot accomplish our mission, needed reforms, and legislative advocacy alone. For too long, clinical laboratory professionals have been waiting for someone else to do the job. We can and should take charge and control our destiny through membership in CAMLT. I look forward to the continued support of our members and future support from new members.

CAMLT/NEWSLINE

Volume 41, No.1
Dora Goto, President

Editorial correspondence should be addressed to CAMLT/ *Newsline*, PO Box 1814, Fremont, CA 94538.

Scientific articles submitted for publication in the CAMLT/ *Newsline* should be approximately 1,000 words in length or about three pages, double spaced, typed materials. Please include references when appropriate. Since the articles are relatively short, the editors do not feel that an abstract is necessary. All articles should be accompanied by a picture of the author.

Articles describing procedures should include materials and methods as well as results. All graphs and charts should be reducible. Abbreviation (except for those in common scientific usage) should be defined and introduced parenthetically when first used in text.

Advertising correspondence should be addressed to PO Box 1814, Fremont, CA 94538, (510) 792-4441, FAX (510) 792-3045, e-mail: office@camlt.org.

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Warm Regards,

Dora Goto
President, CAMLT

CAMLT LEGISLATIVE/ POLITICAL UPDATE

February 2015

By Public Policy Advocates, LLC

LEGISLATURE

The Legislature reconvened from legislative recess on January 5, with 35 new members. Governor Brown was sworn in to an unprecedented fourth term. The past legislative session was not quiet for CAMLT. Right out of the box, **CAMLT co-sponsored legislation to allow CLSs to be directors of waived labs. We were successful.** This became critical in the face of chiropractors, optometrists, naturopaths, and pharmacists all sponsoring legislation over the years to allow them to not only perform waived tests, but become waived lab directors. We were particularly challenged by the chiropractors and optometrists this last session—second runs at clinical laboratory science for both of these groups. While we have been able to stem and limit their efforts to date regarding clinical laboratory science, we are told that optometrists, pharmacists, and naturopaths **will be back this year** with major scope expansion bills—most likely including incursion into clinical laboratory science without requisite training and education. The legislature is currently in the bill introduction period and the deadline to introduce new legislation is February 25. **Already, the optometrists have met with us to discuss introducing a bill this year that will expand their scope of practice to order and perform any laboratory test related to any medical condition that manifests in any way in the eye—even if it is not a condition of the eye. We fully expect to see scope expansion legislation from them that we will need to all out oppose.**

What does this all mean for CAMLT? CAMLT **must** be strong both financially and in membership. CAMLT is the **only** professional organization that **exclusively** protects the legislative interests of CLSs, MLTs and other laboratory personnel in the best interest of the patient and in the best interest of the laboratory profession. It is the **only** professional association representing clinical laboratory science that retains a lobbying firm in Sacramento to be **the** voice for clinical laboratory personnel in Sacramento before the legislature and state government. **If CAMLT does not grow its membership or raise the necessary revenue to support its legislative program, there will be no legislative program to protect the profession and the patients it serves.**

Organized labor has been extremely helpful in the past, and indeed, co-sponsored our CLS waived lab director bill. But labor unions also represent chiropractors, optometrists, and pharmacists in addition to CLSs. So Labor has not been in a position to take these other professions head on when they want to expand their scopes into clinical laboratory science. That has fallen to CAMLT. Other

laboratory personnel professional associations may provide continuing education, certification, or fellowship—but **none** have a Sacramento presence or help to underwrite CAMLT's Sacramento stewardship on behalf of the **entire** profession. The chiropractors, optometrists, and pharmacists have strong associations, even though they number far fewer in terms of licensees state wide. They have strong and expansive political grass roots networks, and they have Political Action Committees that contribute to candidates in the hundreds of thousands of dollars. **The clinical laboratory profession must come together to unify and shore up its efforts to support CAMLT's legislative and political agenda if it wants to preserve its profession—not tomorrow, but now.**

RECRUIT NEW CAMLT MEMBERS! CONTRIBUTE TO LAB-PAC!

This last legislative session was a very rigorous and active legislative session in terms of bills legislating a frontal attack on the CLS and MLT professions, depleting CAMLT resources. This session will be more of the same. Only you can ensure the growth and vibrancy of a strong, well organized CAMLT. Rise to the challenge. Recruit members to your professional organization —CAMLT. Contribute to your Lab-PAC. Meet with your legislators. Ensure the best possible patient safety in laboratory testing, and preserve your important profession.

BUDGET

The Governor released his \$113 billion spending plan on January 9 which listed a number of priorities, including, higher education costs, climate change, infrastructure, ensuring that recent changes in health care and public safety are not only carried out but endure, and forging ahead with high speed rail and the twin-tunnel water plan for the Sacramento-San Joaquin Delta. The Governor called for continued self-discipline and prudence while striving to keep the budget in the black.

LEGISLATION

In 2013, the first year of the recently completed two-year session, Public Policy Advocates (PPA) successfully co-sponsored legislation for CAMLT, AB 1215 authored by Assembly Members Curt Hagman and Chris Holden, and heavily opposed efforts to expand scopes of practice by optometrists and chiropractors into clinical laboratory testing without a laboratory director. The Associations representing these professions are expected to renew these legislative efforts next session.

The following is legislation that the CAMLT Legislative Committee directed PPA to engage in or monitor during the 2013-2014 legislative session. Check the CAMLT website for updates on bill status, Legislator lists, and Committee assignments.

AB 1215 (Hagman & Holden) Clinical Laboratories,
as amended 4/9/13

CAMLT co-sponsored AB 1215 with the Engineers and Scientists of California, IFPTE, Local 20; Western States Council of the United Food and Commercial Workers; and United Nurses Associations of California/Union of Health Care Professionals. In the wake of attempted legislation over the years to allow various allied health professionals to do laboratory testing without a lab director, AB 1215 permits Clinical Laboratory Scientists, both generalists and specialists, to be laboratory directors for purposes of clinical laboratory tests classified as waived under the Federal Clinical Laboratory Improvement Amendments of 1988 (CLIA). Under CLIA, CLS's can be waived lab directors. Under California law, only physicians, surgeons, and naturopaths can be lab directors, along with optometrists and pharmacists who secured statutory authority to be lab directors in a limited way. It is only reasonable that the very professionals trained specifically in clinical laboratory science be utilized to the maximum of their education and training. The implementation of the Affordable Care Act (ACA) will extend health benefits to millions of uninsured Californians by 2018. This will dramatically increase the demand for care and ancillary services such as clinical laboratory testing. AB 1215 will improve access to clinical laboratory tests and testing oversight without compromising patient safety. Co-authored by Assembly Member Hagman, a Republican and Assembly Member Holden, a Democrat, AB 1215 passed out of the Legislature without a single "no" vote. AB 1215 was also supported by the Blood Centers of California, American Federation of State, County and Municipal Employees, and the California Society of Pathologists. AB 1215 was signed into law by the Governor on August 28, 2013.

AB 2143 (Williams) Clinical Laboratories, as
amended 5/27/14- NEUTRAL

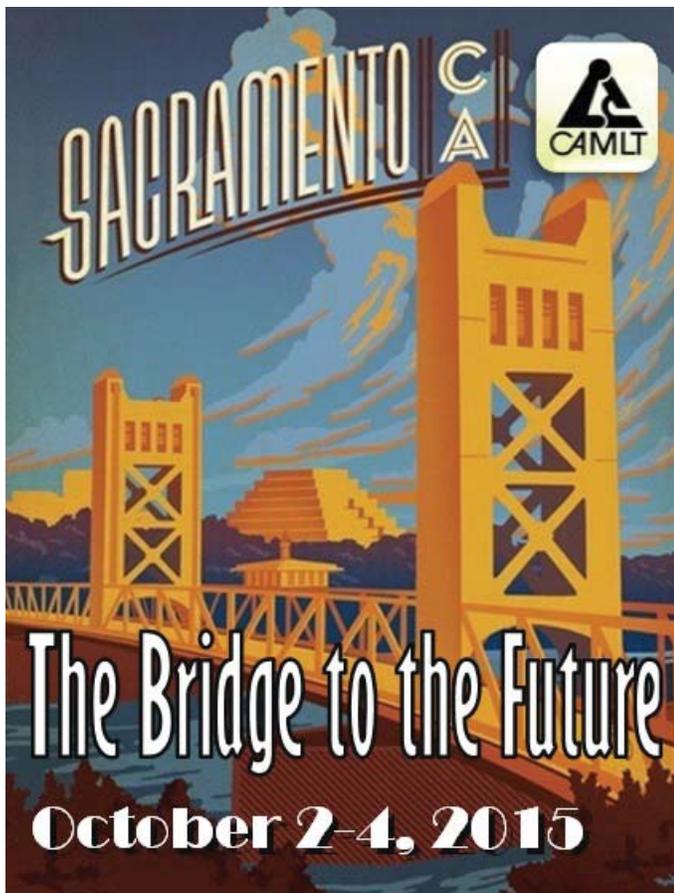
Following up on their original intent with AB 722, this bill was introduced at the request of the Chiropractors to allow them to do waived clinical laboratory tests without having to have a laboratory director. Their argument was that CLIA would permit them to test without a laboratory director; therefore, they should receive an exemption from California laboratory law. Assembly Member Williams' office (Democrat-Santa Barbara) contacted CAMLT shortly before the bill was introduced to ascertain what position CAMLT would take on the Chiropractors' proposal. CAMLT lobbying firm, PPA, met with the Assemblyman and his staff to inform them that CAMLT would be opposed. The Assemblyman then introduced a "spot" or "placeholder" bill to meet the bill introduction deadline, indicating that he intended to move a bill, but wanted CAMLT's help in crafting a very narrow bill. After extensive meetings and conference calls with the author's office, the chiropractors, California Medical Association, the pathologists and other

interested stakeholders, we finally ascertained that while the chiropractors wanted more, they really needed a bill to allow them to do four dip stick urine tests (urine specific gravity, urine protein, urine blood, and urine sugar tests) listed on the National Registry of Certified Medical Examiners, for the sole purpose of completing the Department of Motor Vehicles medical examination report to determine if an individual is fit to have a commercial driver's license. CAMLT then proposed amendments, which were ultimately accepted, that would allow chiropractors to do only these four tests as long as the chiropractor was active and listed on the federal Department of Transportation National Registry of Certified Medical Examiners and that these tests were for the sole purpose of completing the Department of Motor Vehicles medical examination report. The chiropractor would be required to obtain a valid certificate of waiver and comply with all CLIA requirements. If there were an abnormal finding on the test, the chiropractor would have to refer the driver's license applicant to a primary care physician. In addition, CAMLT was firm that this exception language had to be amended into Section 1241 of the Business and Professions Code where other exceptions are listed. With these amendments, CAMLT removed its opposition. **However, it should be noted that this took an enormous amount of time on the part of CAMLT's legislative committee, Board President, and lobbying firm. CAMLT was the only organization among the stakeholders representing solely laboratory personnel.** As narrowed, AB 2143 was signed into law by the Governor on August 22, 2014

SB 492 (Hernandez) Optometric Corporations,
as amended 8/19/14 – OPPOSE TO WATCH

This bill would significantly expand the scope of practice for optometrists and was opposed by the California Medical Association and the California Academy of Eye Physicians and Surgeons. Of particular interest to CAMLT was that the bill at one point would have authorized an optometrist to perform and order any diagnostic and laboratory imaging test. There was no limitation other than the Board of Optometry to establish by regulation, education and examination requirements for licensure to ensure the competence of optometrists to conduct lab tests. The bill outright repealed the agreements reached last year restricting optometrists to CLIA waived tests necessary for the diagnosis of conditions and diseases of the eye or adnexa within their scope of practice. In 2013 SB 492 was scheduled to be heard in the Assembly Business, Professions and Consumer Protection Committee on August 13 but was pulled from calendar and made a 2-year bill. The bill sat idle until June 2014 where it was heard, amended, and passed out of the Assembly Business, Professions, and Consumer Protection Committee. Prior to this hearing, we contacted the California Optometric Association, the author, and members of the Committee that this bill was totally violative of previous agreements reached.

The author agreed to restore existing law with regard to optometrists being limited with regard to laboratory testing by confining tests essentially to the eye that were waived only. The measure moved to Assembly Appropriations Committee and was amended, at that point CAMLT removed its opposition. From Appropriations, SB 492 then moved to the Assembly Floor where it was eventually placed on the inactive file at the request of the author of the bill, Senator Hernandez. It should be noted, however, that the optometrists are seeking a huge scope expansion—in essence allowing them to perform functions currently reserved to ophthalmologists, dermatologists, and plastic surgeons. We fully expect to see a bill back again next Legislative Session.



This is a message from one of our chapters - read what the newly merged SLO/SB Chapter is doing to encourage membership:

“2014 Convention in Anaheim a Big Success

There were lots of smiles at the state convention. It was the 75th anniversary of the organization. There were many fine workshops with great speakers. We have a new president-elect, Ilene Dickman. The organization as a whole is hoping to boost membership so as to stay vital. Our newly merged chapter has good news! We will be offering a coupon to all of our members, good for 6 units at our upcoming winter seminar or another local event. If you are not a member and join, you are eligible also! We want to say thank you for our members' continued support especially during this financially challenging time. Without you - where would we be? In the spirit of Disneyland (the site of our convention) I warmly encourage everyone involved in the laboratory field to **“believe”**. **Believe** in what we are doing. **Believe** in shepherding in a new generation of Clinical Scientists. **Believe** in passing along our knowledge and empowering people new to the field. **Believe** in protecting our scope of practice in Sacramento. **Believe** in keeping laboratory standards high, for the future, and good health of Californians. Please check out the CAMLT website to see a full picture of how your organization is at work - it is what we do and it is what keeps us going. We **believe** in a brighter future. We **believe** in our profession. What does being a professional mean? Join us and be a part of this. We need you. If you would like to join the board please let us know. Renew your memberships. Make a donation if you cannot join right now. We are encouraging a “Supporter” category of affiliation. Be a **believer!** Thank you!.”

REGISTER NOW for CAMLT's 2015 Winter Seminar South

Location: Kaiser Permanente Regional Reference Laboratory

11668 Sherman Way, North Hollywood, CA 91605

*** Venue proudly sponsored by Kaiser Regional Laboratory ***

We are pleased to have the following speakers join us:

2015 WINTER SEMINAR SOUTH – SCHEDULE-AT-A-GLANCE

Saturday, March 21, 2015 ~ Registration – 7:30 – 8:30 am

151-100 (3.0 CE) - Morning: 8:30 – 11:30 am - (Note: you must attend both parts to receive credit)

Kristi J. Smock, MD | Associate Professor of Pathology – University of Utah School of Medicine | Medical Director – ARUP Hemostasis/Thrombosis Laboratory | Associate Program Director – Pathology Resident Training Program | ARUP Laboratories | Salt Lake City, UT

Part I: Understanding von Willebrand Disease

Part II: Laboratory Testing for Aspirin and Clopidogrel

Level: Intermediate

Sponsor: ARUP Laboratories

Abstract (Part I): The session will begin with background information on the function of von Willebrand factor and lead into more detailed discussion on the major subtypes of von Willebrand disease and how laboratory tests can be used to assist with patient diagnosis and subtyping. Patient cases will be presented to reinforce important concepts.

Objectives (Part I): Upon completion of this course, the participant will be able to: 1) describe the function of von Willebrand factor; 2) discuss the major subtypes of von Willebrand disease; and 3) discuss laboratory testing for von Willebrand disease, including limitations of the available tests.

Abstract (Part II): Aspirin and clopidogrel are used as antiplatelet agents in a variety of medical settings. There is growing interest in the use of laboratory tests to monitor patients treated with these drugs since lack of adequate platelet inhibition has been associated with adverse clinical outcomes. A variety of laboratory tests are currently available to evaluate the antiplatelet effects of aspirin and clopidogrel. However, this type of testing is complicated by lack of standardization and lack of definitive data regarding how the tests should be used clinically. At the conclusion, participants will comprehend the complex issue of using laboratory tests to monitor the effects of antiplatelet agents.

Objectives (Part II): Upon completion of this course, the participant will be able to: 1) discuss the use of aspirin and clopidogrel as antiplatelet agents; 2) describe the laboratory assays used to detect the antiplatelet effects of aspirin and clopidogrel; 3) recognize the clinical implications of suboptimal response to aspirin and clopidogrel; and 4) evaluate the clinical utility of laboratory testing to detect response to antiplatelet agents.

151-200 (3.0 CE) - Afternoon: 1:00 - 4:00 pm - (Note: you must attend both parts to receive credit)

Carl Schroder, MT(ASCP), MPA | IFA Technical Sales Manager | INOVA Diagnostics | San Diego, CA

Part I: Auto-Immune Testing Using Indirect Fluorescent Testing (IFA) (ANA, ANCA, Crithidia, etc.): Old Testing is Now In Again

Part II: Advances in Auto-Immune Testing for the Laboratory: Discuss New Assays that Help Clarify and Identify Auto-Immune Syndromes

Level: Intermediate

Sponsor: INOVA Diagnostics

Abstract (Part I): Auto-immune diseases have come to the forefront in medicine in the past 10-20 years. As new testing platforms that can be automated have been developed, older manual platforms have been discarded or abandoned by most laboratories. IFA or indirect immunofluorescence testing (IIF) testing is one of these. In the past decade however, the absolute necessity of IFA testing has been reaffirmed. We will rediscover the necessity of understanding Antigens, Antibodies, Conjugates and the importance of the human abilities of visual observation and decision making.

Abstract (Part II): With the introduction of new assays, the identification and diagnosis of many auto-immune diseases can be cut from years to months or even days. Better sensitivity and specificity of assays aid the physician in faster and often more accurate diagnosis. We will examine several of these new assays and how they can be used by the physician in his diagnosis and treatment of his patient.

Objectives (both parts): Upon completion of this course, the participant will be able to: 1) describe the differences in Antibody Isotypes and discuss which are important in auto-immune testing; 2) visually identify important antibody images in IFA testing on HEp-2 cells, Human Neutrophil cells and *Crithidia luciliae*; and 3) discuss the importance of the immersing assays.

Sunday, March 22, 2015 ~ Registration - 7:30 - 8:30 am

151-300 (3.0 CE) - Morning: 8:30 – 11:30 am - (Note: you must attend both parts to receive credit)

Part I: Anthony D. Gatherum, MBA, MT(ASCP)SBB^{CM} | Molecular Business Manager | Immucor | Herriman, UT

Part II: Catherine A. Brennan, PhD | Senior Research Fellow | Abbott Diagnostics | Abbott Park, IL

Part I: Molecular Testing in the Transfusion Service

Part II: Moving HIV Diagnostics Forward: Addressing HIV Genetic Diversity and Acute Infections

Level – Part I: Basic

Level – Part II: Intermediate

Sponsor (I): Immucor

Sponsor (II): Abbott Diagnostics

Abstract – Part I: This course is designed to provide an entry level discussion to novel testing methods being used in the Transfusion Service. Serology has long been the traditional method and the gold standard for testing in the transfusion service. Patients with a complex transfusion history present a significant challenge to the limitations of serological testing. Molecular testing is working its way into the transfusion service by providing answers that were not available previously and by patient outcomes and safety. This course will provide an overview of molecular testing methods, explain how it can be introduced in a transfusion service and describe the patient scenarios where this testing can be used.

Objectives – Part I: Upon completion of this course, the participant will be able to: 1) discuss molecular testing methodologies; 2) describe how molecular testing can be implemented in a transfusion services; and 3) identify patient transfusion scenarios where molecular testing can be used with the transfusion service.

Abstract – Part II: HIV-1 is characterized by an exceptional level of genetic diversity and a rapid rate of evolution. The high level of sequence diversity between HIV-1 groups and subtypes has the potential to influence assay performance, thus has important implications for diagnostic testing. The Abbott HIV Global Surveillance Program and its importance as foundation for assay development will be described. Currently, more than 1.2 million individuals in the U.S. are HIV-1 infected. Despite considerable efforts, transmission of HIV-1 continues to be a significant problem in the United States with an estimated 55,000 new infections per year. Recent studies suggest that acute HIV infection contributes significantly to ongoing transmission of HIV-1. In 2010, the first HIV Ag/Ab combination assay was approved for use in the US. HIV Ag/Ab combination assays are designed to detect both acute and chronic HIV infection. Data will be reviewed that demonstrate the impact of these assays for detecting acute HIV-1 infection. Availability of more sensitive assays prompted development of new CDC guidelines for laboratory-based diagnosis of HIV infection published in 2014. These guidelines are designed to provide improved diagnosis of acute HIV-1 infections, more accurate diagnosis of HIV-2 infection, and faster turnaround time for most test results.

Objectives – Part II: Upon completion of this course, the participant will be able to: 1) define mechanisms responsible for HIV-1 genetic diversity and approaches for monitoring global diversity; 2) explain the impact of HIV diversity on performance of diagnostic tests; 3) define acute HIV infection and the importance of this role in ongoing transmission; and 4) discuss the advantage of utilizing HIV Ag/Ab combination assays for detection of acute and chronic infections and summarize the new CDC laboratory testing and confirmatory guidelines.

151-400 (3.0 CE) – Afternoon – 1:00 – 4:00 p.m. - (Note: you must attend both parts to receive credit)

Part I: Lily Carrasco, BA | Quality System Specialist | Bio-Rad Laboratories | Irvine, CA

Part II: Barbara J. Bachman, MS, MT(ASCP)SBB | Blood Bank Specialist | Bio-Rad Laboratories | Georgetown, TX

Course Title – Part I: Concepts of Quality Control

Course Title – Part II: Workflow Analysis Using the Lean Six Sigma Roadmap; Comparing Five Methodologies for Type and Screen Testing

Level – Part I: Basic

Level – Part II: Intermediate

Sponsor: Bio-Rad Laboratories

Abstract – Part I: This lecture presents an examination of various applications of QC in a working environment. The lecture addresses some of the more common quality control errors that laboratory professionals face on a daily basis. Participants will learn the different sources of error in the lab and analyze quality control data.

Objectives – Part I: Upon completion of this course, the participant will be able to: 1) develop a statistical Quality Control strategy for the laboratory; 2) analyze QC statistics; 3) evaluate QC using Westgard rules and graphs; and 4) discuss the types of errors found when evaluating QC and the resolution of these errors.

Abstract – Part II: There are multiple ways one can evaluate test methodologies. The Lean Six Sigma Roadmap provides a structured approach that can significantly assist facilities in better understanding their customer's / facility's needs, as well as provide some additional evaluation tools that can be utilized for method comparison as well as other process improvement activities.

Objectives – Part II: Upon completion of this course, the participant will be able to: 1) define some of the key principles, roadmap and methods of Lean Six Sigma; 2) apply a portion of the LSS Roadmap to evaluate Blood Group Serology Testing methodologies; and 3) relate the benefits of using LSS to evaluate automated testing platforms to meet facility goals and requirements.

CAMLT 2015 WINTER SEMINAR SOUTH GENERAL INFORMATION

* CAMLT wishes to thank Kaiser Regional Laboratory as venue sponsor for this seminar.

Visit www.camlt.org/edu_calendar for complete abstracts/objectives

Advance Registration: You have the best opportunity of securing a seat in your “first choice” sessions if you register early. Registration fees may be paid by check, VISA, MasterCard or money order. Sorry, American Express and Discover cards are not accepted.

Pre-registration Deadline: Thursday, March 12, 2015 at Noon. Registrations received after above date/time will not be processed. To register on-site, arrive at least 40 minutes prior to the beginning of your first class. On-site registrations will be accepted subject to space availability.

Registration Fees: Note ... No CE price increase from 2014 rates!

A standard \$10 registration fee applies to all individuals.

Additional fees:

CAMLT Members: \$45 per workshop

Non-Members: \$75 per workshop

Students: Free workshops!

Non-Members: Become a CAMLT member and save! If you join CAMLT at the time of registration, you may apply the difference between member and non-member fees toward your annual membership dues. For further details, contact CAMLT at 510-792-4441. You may also go to <http://www.camlt.org/app.html> to download a membership application.

Payment:

Make checks payable to CAMLT and mail to:

CAMLT
1895 Mowry Avenue, Suite 112
Fremont, CA 94538-1766

Or fax credit card registrations to:

510-792-3045

Lunch: Lunch is not included with the seminar. You may purchase lunch at nearby restaurants or bring your own.

Hotel Room Block: Not negotiated for this seminar

Disclaimer: CAMLT hereby disclaims any liability for, or endorsement of, any products, services or information presented.

Attendance Policy: Choice of workshops may NOT be changed on-site. In compliance with state accreditation requirements, participants must attend the entire workshop to receive credit. Partial credit cannot be awarded for late arrivals or early departures. Excessive absences from a workshop for any circumstance may result in forfeiture of CE credit. NO EXCEPTIONS.

Accreditation: CAMLT is approved by the California Department of Public Health as a CA CLS/MLT/CPT Accrediting Agency (#21) for Continuing Education and by the State of Nevada, Bureau of Licensing and Certification.

Refund Policy: CAMLT reserves the right to cancel any program with insufficient registration. Registrants will be immediately notified and will receive a complete refund for programs cancelled by CAMLT. There may be changes in program content or faculty due to circumstances beyond our control. CAMLT is not responsible for penalties incurred as a result of cancellation, including non-refundable transportation fees and hotel room deposits.

Cancellation Policy: For a full refund (less \$10 fee) written notice must be postmarked or faxed by February 28, 2015. Written cancellations postmarked or faxed after this date will be issued a full CREDIT (less a \$25 cancellation fee) toward a future CAMLT state seminar or convention. No refunds or credits after March 12, 2015.

Location Information:

Winter Seminar South:

**Kaiser Permanente Regional Reference Laboratory
11668 Sherman Way
North Hollywood, CA 91605**

Parking: free in Kaiser parking lot. Access to the parking lot is gate controlled. Press the button to have the gate opened. Park closest to the “East” Building – 66. The classrooms are in the first building on the left as you enter the gate.

Note: No part of the seminar handouts or presentation (no tape, video or digital recorders please) may be reproduced, stored in a retrieval system, or transmitted, in any form or by any means, electronic, mechanical, photocopying, recorded, or otherwise, without prior written permission from CAMLT.

2015 Winter Seminar South – Schedule-at-a-Glance

March 21 & 22, 2015

Location: Kaiser Permanente SCPMG Regional Reference Laboratory

11668 Sherman Way

North Hollywood, CA 91605

<p>Name: _____</p>	<p>Check Your Selected Courses – 3.0 CE Each (Note: if a session is in two parts, you must attend both to receive credit)</p>
<p>CLS/MLT License / CPT Cert. #: _____</p> <p>Home Address: _____</p> <p>City, State, Zip: _____</p> <p>Day Tel: _____</p> <p>Preferred Email: _____</p> <p>Employer: _____</p> <p>Work Address: _____</p> <p>City: _____ State: _____ Zip: _____</p> <p>Work Phone: _____</p> <p>CAMLT Member? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Member # / Chapter: _____</p> <p>If member, do you have 20/20 Option? <input type="checkbox"/> Y <input type="checkbox"/> N</p>	<p>Saturday, AM – 3/21/15 (8:30 – 11:30 AM) – 3.0 CE <input type="checkbox"/> 151-100 – Part I: Understanding von Willebrand Disease; Part II: Laboratory Testing for Aspirin and Clopidogrel</p> <p>Saturday, PM – 3/21/15 (1:00 – 4:00 PM) – 3.0 CE <input type="checkbox"/> 151-200 – Part I: Auto-Immune Testing Using IFA (ANA, ANCA, Crithidia, etc.): Old testing is now in again; Part II: Advances in Auto-Immune Testing for the Laboratory; Discuss New Assays that Help Clarify and Identify Auto-Immune Syndromes</p> <p>Sunday, AM – 3/22/15 (8:30 – 11:30 AM) – 3.0 CE <input type="checkbox"/> 151-300 – Part I: Molecular Testing in the Transfusion Service; Part II: Moving HIV Diagnostics Forward; Addressing HIV Genetic Diversity and Acute Infections</p> <p>Sunday, PM – 3/22/15 (1:00 – 4:00 PM) – 3.0 CE <input type="checkbox"/> 151-400 – Part I: Concepts of Quality Control; Part II: Workflow Analysis Using the Lean Six Sigma Roadmap; Comparing Five Methodologies for Type & Screen Testing</p>
<p>ATTENTION STUDENTS: Your program coordinator/school counselor must sign/provide email/telephone contact here for acceptance:</p> <p>_____ (Email / phone)</p> <p>_____ (Signature of program coordinator/school counselor)</p> <p>_____ (Accredited program/school)</p>	<p>Method of Payment: Credit card, check, or money order</p> <p><input type="checkbox"/> VISA <input type="checkbox"/> MasterCard</p> <p>Expiration date: _____ Three-digit security code: _____ Card #: _____ - _____ - _____ - _____</p> <p>_____ _____</p>
<p>FEE SCHEDULE: Course fees are based upon a base registration fee of \$10.00, plus a fee based upon the number of continuing education units.</p> <p>Registration Fee: \$10.00 + Number of workshops _____ x \$ _____ (example: 2 x \$45.00 = \$90.00)</p> <p>Members: \$45.00 per workshop (\$15.00 per unit) Non-Members: \$75.00 per workshop (\$25.00 per unit) Student Member: Free workshops (does not include CEUs)</p> <p>Less 20/20 Option Discount: \$ - _____ (If applicable) (Applies only to course fees at this seminar)</p> <p>Total Due: \$ _____</p>	<p>Signature (required for cc processing)</p> <hr/> <ul style="list-style-type: none"> • Make check payable and mail to: CAMLT 1895 Mowry Ave., #112 Fremont, CA 94538 • FAX: 510.792.3045 • Scan/email to: office@camlt.org <p>Questions? Contact CAMLT Executive Office: 510.792.4441</p> <p style="text-align: center;">Returned checks subject to a \$20 fee</p> <p style="text-align: center;">Pre-Registration Deadline: Thursday, 3/12/2015 at Noon</p>



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California Association for Medical Laboratory Technology Membership Application

Personal Information:

Name _____

Check one: () Ms. | () Mrs. | () Mr. | () Dr.

Address _____

City _____ State ____ Zip _____

LFS License/Certificate # _____

Day Phone _____

Preferred Email address:

Check here to opt out of email list

Employment Information:

Employer _____

Address _____

City _____ State ____ Zip _____

Work Phone _____

CAMLT asks you to contribute to one or both of these worthwhile entities:

LAB-PAC

The CAMLT Political Action Committee helps your association advocate on behalf of you and your profession. Help support quality clinical laboratory medicine in the California legislative arena.

LAB-PAC contributions are NOT tax deductible.
You must be a U.S. citizen to donate.

Education and Research Foundation

Your tax deductible contribution supports scholarship programs, outreach efforts and students pursuing careers in the clinical laboratory sciences.

Separate checks should be enclosed for each of these worthy causes.

Membership Categories:

Active - \$120 annually

An individual who 1) Holds a license or certification in a clinical laboratory profession issued by the California Department of Public Health or 2) Holds a baccalaureate degree from an accredited college or university and is eligible to sit for a CDPH approved examination; or 3) Holds a Masters or Doctorate degree in science, education or administration and is actively employed in clinical laboratory science.

Collaborative - \$65 annually

An optional special non-voting, non-office holding membership category open to licensed Medical Laboratory Technicians or Certified Phlebotomy Technicians, who desire to support the association. All other membership benefits are afforded. These members are also eligible to apply for active membership if they desire to vote and/or hold office in the association.

Associate - \$75 annually

An individual who has an interest in the field of clinical laboratory science and/or supporting the purposes or goals of CAMLT, but is not otherwise eligible for membership.

Student - \$10 annually

An individual who possesses a valid training license from Laboratory Field Services or who is enrolled in an LFS approved program leading to licensing as a CLS, or MLT or certification as a CPT. Students at accredited universities or colleges that lead to eligibility for licensure or certification from LFS are also eligible to join as student members.

Lifetime - \$1250 one time fee

Meets Active member requirements and submits the one time application fee.

20/20 Option - Additional \$20 annually

An additional \$20 payment at the time of application or renewal entitles the member a 20% discount on CAMLT state sponsored C.E. fees for the year (not applicable to Distance Learning).

Membership Dues _____

20/20 Option _____

Total payable to CAMLT _____

LAB-PAC Contribution (separate check) _____

E & R Foundation Donation (separate check) _____

Applicants are considered for membership in the category which meets their maximum qualifications.

I declare that in making application for membership, I have met the qualifications listed for the category to which I am applying.

Applicant Signature _____

Recruiter (if known) _____

AUTOMATIC RENEWAL AVAILABLE! You now have a convenient new option to pay your CAMLT membership dues!

Automatic renewal: Credit card listed will be charged on the renewal date each year for the same member category. Notice of renewal will be sent fifteen (15) days before the charge is entered to allow for changes in member category or updates to credit card information.

Sign here to enroll for the automatic renewal option: _____ Date: _____

Checks to: CAMLT, LAB-PAC and/or E & R as appropriate – OR -

Credit Card Payment: Visa Master Card

Card# _____ Exp. _____

Three-digit security code (on back of credit card): _____

Date _____ Signature _____

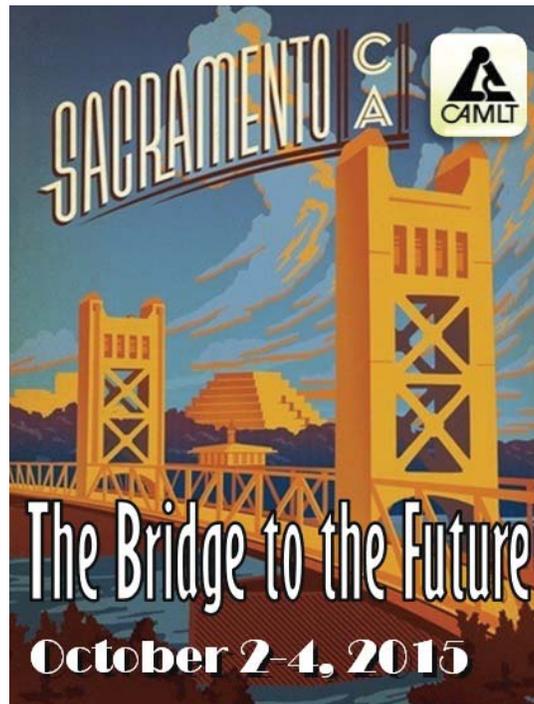
CAMLT will be moving soon. In the interim, please mail communications to:
CAMLT, PO Box 1814, Fremont, CA 94538 / or scan/email to:
office@camlt.org
Fax to: 510-792-3045 Voice Phone: 510-792-4441

2015 CONTINUING EDUCATION CALENDAR

Program planning in progress

Watch www.camlt.org/calendar for details

March 7-8	Fresno Chapter Seminar Fresno
March 21-22	Winter Seminar South Kaiser Permanente Regional Medical Center, North Hollywood
March 28	Eastland and Foothill Chapters Spring Symposium City of Hope, Duarte
April 18-19	Spring Seminar North John Muir Health Medical Center, Concord
October 2-4	76 th Annual Meeting, Exhibits & Workshops Embassy Suites Sacramento – Riverfront Promenade



WANT MORE INFORMATION? CONTACT:

TEL: 510/792-4441

FAX: 510/792-3045

WEBSITE: WWW.CAML.T.ORG

CAML T EXECUTIVE OFFICE

PO Box 1814

FREMONT, CA 94538