

CSHE eBulletin

December 14, 2015

Issue 4



CALIFORNIA SOCIETY FOR HEALTHCARE ENGINEERING, INC.

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President's Message

*Chuck Peek,
CSHE State President/CEO*

To all members,

As 2015 comes to an end and my first year as CSHE President, I would like to take this opportunity to thank everyone for the support that has been afforded me this year. Without the help of the CSHE Executive Committee and Board of Directors, this year would not have turned out as well as it has for both myself, and the Society. I look forward to the next year being an especially exciting one because of the innovations and forward thinking both groups of officers are bringing to the table to move CSHE into what I consider a very bright future.

Some of the major accomplishments we have had this year have been our Southern CA Seminar; Northern CA Seminar and Annual Institute. They have been very well planned, and have kept the education of our members at the forefront when putting together the line-up of speakers, and presentations offered at those events. My congratulations and deepest thanks go to those planning committees for taking the time from their busy lives to help in those efforts.

Another exciting development this year has been to bring on new website on-line. The education committee has big plans to develop our site to include recorded presentations, and video in-services from our events, along with a Codes and Standards library that should be a great help to our membership in the very near future.

The education committee is now taking requests from the membership on educational subjects they would like to see covered on our monthly webinars, so if you have an idea or request, please pass those along to Joyce or Teri in the State Office.

I am excited to announce that the CSHE 45th Annual Institute will be held at the Resort at Squaw Creek Resort, which is just south of South Lake Tahoe. The 'Save the Date' for your calendars is May 26-27, 2016. I hope to see you there it promises to be a very fun and educational program.



In closing, I wish all of you Happy Holidays and a very Happy New Year. Thank you.

Robert Mack Scholarship Applications are due 2/15/16



*Marty Schoonderwoerd, CHFM, FASHE
CSHE State President 2009-2010
Robert Mack Scholarship Foundation Chair*

The annual deadline for application for a 2016 Robert Mack Scholarship is due by Saturday, February 15, 2016. Scholarships are available for deserving students in any post-grad, college, community college, or professional education program that could lead to or improve a profession in hospital design, construction, or facility management and operation. More information regarding eligibility and application can be found on the Robert Mack Scholarship Foundation website: <http://robertmacksf.org>. Please share this information with any deserving students. CSHE believes in better healthcare through better education.

Hospital Building Safety Board Report



*Carl Scheuerman
Health Facilities Representative*

The second Hospital Building Safety Board (HBSB) meeting for the year was held in Sacramento on November 18 2015. The Board heard reports of the many activities of its committees and considerable news from OSHPD leadership advising of upcoming changes and evolving capabilities using digital technology.

Board Committees: A Busy Year of Outreach

Two HBSB committees with a focus on outreach and public education held important events during 2015.

Education and Outreach Committee teamed with OSHPD leadership to host a special seminar entitled *Building Relationships for a Successful Project*. The one day seminar was offered twice, October 20th in Anaheim (153 participants) and October 27 in Concord (134 participants). Key messages included:

- Regardless of the project delivery method, the key to a successful project is through creation of a culture that fosters and solidifies collaborative relationships between the team members;
- Early engagement with OSHPD staff to ensure clarity of roles and scope, and a broader understanding of what the office will need to review under that given scope;
- Understand California's building standards for the type of work intended;
- Use of OSHPD's appeal process for comment and process review (CPR).

Two case studies of highly collaborative, highly successful projects were presented. Each presenter emphasized the need to adopt a culture of collaboration as the foundational element of their successful projects:

- St. Jude Medical Center addition presented by Chris Hickman of Petra ICS
- Sutter Santa Rosa Regional Hospital full replacement project presented by Tom Minard of Sutter Health.

The Technology Committee of the Board held three public workshops throughout the year which were well attended. Each workshop focused on one general area of technologic advancement that affects future projects, and possibly future code development as well:

- Building automation and management systems (May 20);
- Emerging clinical technology (October 14)
- Building design and compliance review technology (November 10)

Other Board committees were active as well during 2015. The Administrative Process and Code Change Committee heard new language proposed by OSHPD for adoption into the 2016 California Building Standards. Later in the year, the committee held a joint session with the Board Procedures Committee to review and recommend changes to OSHPD's appeals mechanism intended to clarify and formalize the process; the language is proposed for adoption in the California Administrative Code (Part 1 Title 24).

The Instrumentation Committee held its annual meeting on October 29th to hear a presentation of OSHPD's yearly report on the California Strong Motion Instrumentation Program and to review candidates for future instrumentation projects.

OSHPD Report: On The Move

OSHPD Director Bob David shared a number of announcements with the Board:

- The office's update to its strategic plan for the 2016-2018 time frame is expected to be published in January 2016;
- OSHPD will move its Sacramento operation to 2020 West El Camino Avenue later in 2016;
- 91% of California's inventory of acute care facilities have achieved compliance with the 2020 seismic performance standards;
- Anticipated changes for patients using Medi-Cal is expected to shrink reimbursement by about \$1B which will have serious implications for the state's care providers.

OSHPD Facility Development Division Deputy Director Paul Colman provided an extensive update of activities for 2015. Highlights include:

- FDD conducted 25 seminars throughout the state for 17 individual groups on a wide range of topics
- FDD leadership held 26 meetings with eight hospitals/systems, other state agencies and outside organizations with a direct interest in development of medical facilities
- FDD accomplishments were broad ranging and include in part:
 - Proposed changes for CBC 2016 that align more closely with national standards
 - Development of new code language for an SPC-4D seismic retrofit category
 - IOR training and performance evaluations
 - Reduced SPC-1 building count by 80 buildings
 - Major technology improvements
 - ♦ Proof of concept for electronic document review
 - ♦ Enhanced electronic document review methods for the Rapid Review Unit
 - ♦ "Over the Computer Review" capability
 - ♦ Project closure automation
 - Maintained plan review goals above 95%
 - New standard details for SNF's
- FDD received the Design Build Institute America Western Pacific Project of the Year award for their participation in the St. Jude Medical Center Northwest Tower project along with the project team.
- All divisions of the Office of Statewide Planning and Development including FDD will relocate its main offices to 2020 West El Camino Avenue in Sacramento later this year.

CSHE members are encouraged to view Mr. Coleman's complete report by clicking the following link:

http://www.oshpd.ca.gov/Boards/HBSB/Meetings/20151118-meeting/5.3-FDD_Regs-Coleman.pdf

The mission of the Hospital Building Safety Board is to serve as the advisory to the Facility Development Division as well as its Board of Appeals. Meetings of the board and its various committees are open to the public. CSHE members are encouraged to keep up with the activities of the board which are posted on the HBSB web page: <http://www.oshpd.ca.gov/Boards/HBSB/>

Regulatory/Legislative Articles

December 4, 2015

CHA Commends Hospitals, Emphasizes Emergency Preparedness

Online training resources available

CHA commends the hospitals that received and treated patients from the active shooter tragedy that occurred in San Bernardino County this week, and is proud of the hospitals and health systems that have planned and trained with law enforcement agencies, local emergency medical services and fire agencies in preparing for and responding to such incidents. Additionally, CHA encourages all hospitals to utilize the multitude of resources that are available on the CHA emergency preparedness website. In addition to the existing CHA planning and training for active shooter resources and links, UCSF Medical Center has recently shared its training video and template table top exercise to assist other hospitals. All resources may be accessed at www.calhospitalprepare.org/active-shooter.

December 3, 2015

Report Finds Decline in Hospital-Acquired Conditions

The Agency for Healthcare Research and Quality [issued a report](#) yesterday that found a 17 percent decline in hospital-acquired conditions from 2010 to 2014. According to the report, this improvement translates to 87,000 lives saved and nearly \$20 billion in health care costs averted. Hospital-acquired conditions include adverse drug events, catheter-associated urinary tract infections, central line-associated bloodstream infections, pressure ulcers and surgical site infections. The U.S. Department of Health and Human Services noted that these major strides in patient safety are a result of strong, diverse public-private partnerships, including the federal Partnership for Patients initiative, hospital engagement networks and quality improvement organizations.

December 1, 2015

CDPH Establishes Voluntary Surgical Site Infection Validation Program

Participation deadline is Dec. 4

The California Department of Public Health's (CDPH) Healthcare Associated Infection (HAI) program has implemented a voluntary surgical site infection (SSI) validation program. The program aims to help hospitals better assess the quality and accuracy of their SSI data.

All hospitals are eligible to participate; CDPH will identify hospitals as participating or non-participating in the next HAI report, published in the fall of 2016. When the report is published, CDPH will request a site visit at each hospital that did not participate in validation, as well as at each hospital in need of surveillance and reporting assistance, as indicated by the validation findings. The deadline to sign up and submit validation reports is Dec. 4. For information about the 2015 SSI validation process, visit www.cdph.ca.gov/programs/hai/Pages/2015SSIvalidation.aspx. For questions, contact HAIProgram@cdph.ca.gov.

November 2, 2015

Health Care Workplace Violence Regulatory Process Underway

On Oct. 30, the Office of Administrative Law initiated the formal regulatory process with notice of Cal/OSHA's health care workplace violence prevention regulations. The [regulatory package](#) includes the proposed regulations and the initial statement of reasons. The proposed regulations are substantially similar to the draft discussion document, dated June 2015, Cal/OSHA posted to its website (see [June 25 CHA News](#)).

Written comments may be submitted through Dec. 17, the date of the Cal/OSHA Standards Board Meeting in Sacramento, and in-person comments may be made at the meeting. CHA will work with its existing health care workplace violence prevention workgroup to develop written comments. It is likely that Cal/OSHA will revise the proposed regulations after receipt of public comment, triggering at least one 15-day comment period. Cal/OSHA has indicated that it intends to adopt the final regulations in July 2016, for an effective date of Oct. 1, 2016. Hospitals are encouraged to review the proposed regulations, begin to conduct gap analyses and follow the regulatory process to ensure they are in compliance when the regulations go into effect next fall.

CHA / CSHE final comment letter on OSHPD proposed building code standards

*Cheri Hummel, CHEP
VP, Emergency Management & Facilities
CHA/CSHE Liaison
Chummel@calhospital.org*

The California Hospital Association (CHA) and the California Society for Healthcare Engineering, Inc. (CSHE) the California chapter of the American Society for Healthcare Engineering (ASHE) submitted a comment letter in support of the Office of Statewide Health Planning and Development (OSHPD) proposed code changes being heard by the CBSC on January 19, 2016. A copy of the letter is available [here](#).

November 2, 2015

[EPA Issues Proposed Rules Regarding Hazardous Waste at Health Care Facilities](#)

The U.S. Environmental Protection Agency (EPA) has issued the attached proposed rules regarding hazardous waste generators and the disposal of pharmaceuticals. The hazardous waste generator improvement proposed rule is intended to enhance the safety of facilities, employees and the general public by improving hazardous waste labeling, as well as emergency planning and preparedness. The EPA states the proposed rule would simplify current federal regulations and provide greater flexibility in how facilities and employees manage their hazardous waste. In addition, the proposed hazardous waste pharmaceuticals rule would prohibit health care facilities from flushing hazardous waste pharmaceuticals down sinks and toilets. The EPA notes that the rule is intended to reduce the burden on health care workers and pharmacists working in health care facilities by creating regulations specific to these facilities, including hospitals, clinics, and retail stores with pharmacies and reverse distributors that generate hazardous waste.

CHA is currently reviewing the proposed rules in the context of current state regulations, which are often far more narrow than federal regulation, and will convene a workgroup to assess the impact on hospitals and other California health care facilities. At the request of CHA and other stakeholders, EPA recently extended its deadline to Dec. 24 for comments on the proposed rule.

- [Pharmaceuticals Proposed Rule](#)
- [Hazardous Waste Generator Proposed Rule](#)

October 16, 2015

[HVAC Guidance Available for ORs, Sterile Processing Departments](#)

An HVAC task force, whose members include the American Hospital Association's American Society for Healthcare Engineering (ASHE), has issued the attached interim guidance to help health care facilities maintain appropriate temperature and humidity control in operating rooms and sterile processing departments while it works to achieve consensus on conflicting standards. Among other actions, the task force said it plans to explain the conflicting standards to accreditors and state licensing agencies and ask them to work with health care organizations to establish a plan for resolving variance.

In addition to ASHE, task force members include the American Society of Heating, Refrigerating and Air-Conditioning Engineers; Association for the Advancement of Medical Instrumentation; Association for Professionals in Infection Control and Epidemiology; Association of periOperative Registered Nurses; and the Facility Guidelines Institute.

CHA and the California Society of Healthcare Engineering will continue to work together and advocate that ASHE work with the manufacturers, the Centers for Medicare & Medicaid Services and The Joint Commission, as this is a national issue (see previous [CHA News article](#)). In the meantime, each hospital and health care system will need to review and discuss its internal policies and procedures. This is a time-sensitive issue for advocacy efforts, so members who have specific questions, comments or concerns should contact Cheri Hummel at chummel@calhospital.org by Friday, October 23.

- [Interim Guidance](#)

October 6, 2015

[CDC Issues Health Advisory Update on Reusable Medical Devices](#)

The Centers for Disease Control and Prevention (CDC) has issued an [update](#) to September's CDC Health Alert Network (HAN) 382, rescinding the recommendation that third-party vendors be certified or approved by the manufacturer to maintain or repair reusable medical devices. CDC HAN 383 provides additional clarification and recommendations on proper cleaning, disinfection and sterilization of reusable medical devices and emphasizes the importance of compliance with recommended reprocessing procedures.

September 30, 2015

[Hospital Preparedness Strengthened Through Disaster Planning Conference](#)

CHA's 10th annual Disaster Planning for California Hospitals, held this week in Sacramento (see [photo gallery](#)), enabled more than 750 attendees to affirm their commitment to "Planning for today, tomorrow and beyond." During the three-day conference, hospital staff and state and county health officials gathered to strengthen hospital disaster preparedness and build collaboration to ensure continuity of care.

Attendees were captivated by the moving presentation of Dr. Kimberly Glassman of NYU Langone Medical Center, who recounted the closing of the hospital when the back-up generator died during Superstorm Sandy, one of the most destructive hurricanes in U.S. history. Dr. Glassman applauded the heroic efforts of staff who safely evacuated 300 patients, including 20 neonatal infants and 45 critical care patients.

[Read more](#)

September 29, 2015

New Sentinel Alert Focuses on Preventing Patient Falls

The Joint Commission yesterday released a Sentinel Event Alert examining the contributing factors to patient falls and offering suggested solutions health care organizations can implement to help reduce them. The Joint Commission defines a sentinel event as a patient safety event (not primarily related to the natural course of the patient's illness or underlying condition) that reaches a patient and results in death, permanent harm or severe temporary harm where intervention is required to sustain life. Analyzing the falls with injury reported to its sentinel event database from January 2009 through October 2014, The Joint Commission found the most common contributing factors include:

- Inadequate assessment
- Communication failures
- Lack of adherence to protocols and safety practices
- Inadequate staff orientation, supervision, staffing levels or skill mix
- Deficiencies in the physical environment
- Lack of leadership

The suggested actions in the Sentinel Event Alert address all of the identified contributing factors to patient falls. The alert also includes links to toolkits and research on falls prevention, and it introduces The Joint Commission Center for Transforming Healthcare's [Preventing Falls Targeted Solutions Tool](#).

September 14, 2015

CDC Issues Health Advisory on Cleaning, Sterilizing Medical Devices

The Centers for Disease Control and Prevention (CDC) has issued an official [health advisory](#) on the need for health care providers to properly maintain and sterilize reusable medical devices. The CDC urges health care facilities to review their current reprocessing practices for reusable medical devices, ensuring they comply with manufacturer directions, and establish appropriate policies that are consistent with current guidelines. According to the advisory, recent instances of patient exposure to increased infection risk are a result of lapses in basic cleaning, disinfection and sterilization of medical devices and a failure to follow manufacturers' instructions. The advisory includes recommendations for training, audit and feedback processes, development of policies and procedures, and links to related information.

CSHE Launches New Website

Teri Frost

CSHE Database Administrator

CSHE began utilizing a new website on October 29, 2015. The website integrates our registration/member database and our website which requires members to create a new login and password to access members-only content, renew your dues, and to register for an event such as training sessions; meetings, conferences and to pay by credit card. All credit cards are accepted online.

Creating an account: First use your email address; website usernames are email addresses. If there are issues, try resetting your password with the Forgot Password feature which will display a link to enter your email address and forward a link to reset your password.

If there is no account with that email address, there will be a message of "Email does not exist in our database." In that case, please follow the instructions to "Create New Account."

What Happens After you Create a New Account

Once a new account has been created, the system will grant immediate access to the Members Only area IF your name and email address exactly match membership records within the CSHE membership database. Please click on the link that will be received in your e-mail to complete setting up of the account. If you are not a CSHE member, you can still create an account to use to register for meetings, etc.

If the name and email do not exactly match the database, the account will be authorized manually by staff. Please allow up to two business days for manual verification that will allow you Member access. Please contact Teri Frost at tfrost@calhospial.org if you experience any complications or would like to make changes to your membership.

CSHE Welcomes 69 New Members!

CENTRAL COASTAL

Kirkelis, Jason
Access Hardware Supply

INLAND

Granillo, Sy
TRL Systems, Inc.

Lopez, Veronica
Thompson Engineering, Inc.

McFarland, Michael
Redlands Community Hospital

Nunez, Jaime
Redlands Community Hospital

KINGS RIVER

Alexander, Travis
Carpenters Union Local 701

Fortney, Tony
Quiring General

Hall, John
Clovis Community
Medical Center

Tee, Boon
Howe Electric Construction, Inc.

Thierry, Leland
Camfil USA

LOS ANGELES

Ashworth, Virginia
Western Indoor Environmental
Services

Beltran, Alex
Square D by Schneider Electric

Burns, Matthew
ETC Building & Design

Fulghan, Amanda
Pro-Line Inspections, LLC

James, David
LAC+USC Medical Center

Leonard, Stephen
TRL Systems, Inc.

Martinez-Rivera, Lizett
UCLA Facility Management

Nguyen, Tuan
UCLA Facility Management

Ono, Keiichi
UCLA Facility Management

Rogers, Chris
Antea Group

Spahr, Greg
Health & Safety Resources

VanDam, Gregory
LAC+USC Medical Center

NORTHEASTERN

Fullmer, Aaron
Streamline Construction

Ginn, Jeff
Schneider Electric

Graham, Garson
Streamline Construction

Honeycutt, Brian
Kaiser Permanente

McCarthy, Tom
Sutter Health

Misner, Jerry
Northbay Medical Center

Panoushek, Amy
UC Davis Medical Center

Parker, Claire
Grainger

Supanich, Robert
Streamline Construction

ORANGE

Beard, David
West Anaheim Medical Center

D'Ascenzo, Chris
Tangram Interiors

De La Cruz, Ryan
ECOM-ENERGY of
California, Inc.

Edwards, John
RSD Total Control

Estrada, Jaime
Children's Hospital of
Orange County

Jenks, Steve
West Anaheim Medical Center

Miller, Randy
Baker Electric, Inc.

Miller, Steve
SimplexGrinnell

Venegas, Alanna
West Anaheim Medical Center

Washington, Keith
Children's Hospital of
Orange County

REDWOOD

Johnson, Timothy
Ukiah Valley Medical Center

Lanting, Dan
Grainger

SAN DIEGO

Alexy, Brian
EMCOR/Mesa Energy Systems

Brown, Jacqueline
American Technologies, Inc.

Brown, Gary
Johnson Controls, Inc.

Denning, Carol
NRG Distributed Generation

Duval, Derek
Cosentini

Farrell, Michael
Baker Electric, Inc.

Oaker, Vince
University Mechanical
& Engineering Contractors

Pritchett, Casey
Cosco Fire Protection, Inc.

Walseth, Justin
Cresa

SAN FRANCISCO

Bisagno, Donald
Eden Medical Center

Hosman, Staci
SimplexGrinnell

Peters, Sean
Healthcare Design Solutions

Phillips, Kyle
Schneider Electric

Seaver, Gary
USAF David Grant
Medical Center

Shapiro, Bruce
St. Mary's Medical Center

Tabora, Roy
The Electrical Testing Company

Tapia, Ernesto
Queen of the Valley
Medical Center

Warriner, Joyce
Grainger

Young, Heidi
LSS Life Safety Services

SOUTH BAY COUNTIES

Duet, Dave
Contra Costa Regional
Medical Center

Duignan, Padraic
Lucile Packard Children's
Hospital

Gonzalez, Marlene
Schneider Electric

Oakeley, Marissa
Tremco, Inc.

Periat, Nadine
Antea Group

WELCOME 2 New Gold Sponsors!



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A-Tech Consulting, Inc.

A-Tech Consulting, Inc. (A-Tech) is excited to be joining CSHE as a Gold Member. We look forward to the opportunity to get to know you.

A-Tech supports healthcare facilities in complying with regulatory requirements for hazardous materials assessment and mitigation as well as management of construction specific practices to effectively prevent opportunistic, environmentally related infections in the immunocompromised population. Our 24/7 response team is here to assist you and your facility with your environmental projects from start to finish.

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- Occupational Exposure Risk Assessments
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EARN THE ESSENTIAL CREDENTIAL



COURSES BEGIN THIS SPRING

Building Operator Certification (BOC[®]) is a national workforce training and credential program offering job skills in energy efficient building operation and maintenance practices. Students will learn to identify and implement energy savings opportunities. Course series will be held in the following California cities beginning as shown below. To learn more about BOC, visit www.theBOC.info and register for a free webcast on **Wednesday, February 3, 2016 at 8:30am (PST)** or view a pre-recorded version online any time.

BOC LEVEL I



LOCATION & START DATE

Corona.....	3/15/16
San Diego.....	3/22/16
San Francisco.....	3/30/16
Los Angeles.....	5/18/16
Irvine.....	May
Downey.....	September
Humboldt County.....	Fall
Long Beach.....	Fall
San Diego.....	Fall
Vacaville.....	Fall

BOC LEVEL II



LOCATION & START DATE

San Mateo.....	4/14/16
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Dates and locations are tentative and subject to change.

Phone: 1-877-850-4793 • E-Mail: bocinfo@theBOC.info • Website: www.theBOC.info/ca

CSHE 45TH ANNUAL INSTITUTE

May 26 - 27, 2016

Save the Date! 45th Annual Institute



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CSHE GOLD SPONSORS

