

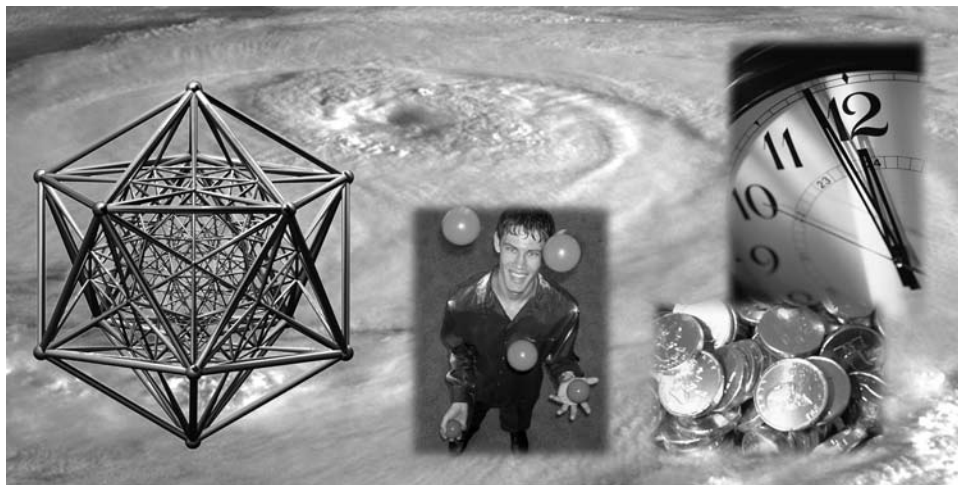
THIRD ANNUAL NORTHERN CALIFORNIA SEMINAR



California Society for Healthcare Engineering, Inc.

“Staying Centered in Challenging Times”

Thursday, October 29, 2009
8:00 a.m. – 3:30 p.m.



Crowne Plaza Hotel – Concord
45 John Glen Drive
Concord, CA 94520

Toll Free: 877-276-4600 • Fax: 925-689-5326 • www.crowneplaza.com

Stay after the Seminar for Golf at the Buchanan Field 9-Hole Executive Golf Course

	Management Track	Technical Track One	Technical Track Two
8:00 – 8:55	Registration and Exhibits	Registration and Exhibits	Registration and Exhibits
9:00 – 10:00	<p>Sustainable Healthcare Design Douglas Whiteaker, AIA, LEED AP Boulder Associates</p> <p>Douglas specializes in healthcare design and has over 12 years of experience in educational facilities design and construction. Sustainable design has been an interest and he brings these aspects to projects. Douglas teaches at Consumes River College, Architecture Dept. and Construction Management Dept.</p>	<p>Environmental Tests and Balances for Engineers Mike Renovich President, RS Analysis, Incorporated</p> <p>Air Balancing in health care focusing on the topic of recommissioning HVAC for older systems associated with renovation projects.</p>	<p>Tuning your Central Plant for Efficiency Ron Parr, Central Utility Plant Specialist, Johnson Controls</p> <ul style="list-style-type: none"> • Checking approach temperatures on water cooler condensers and evaporators • Measuring water flow through condensers and evaporators • Measuring capacity based on flow & temp. change • Determining performance of chillers • Discussing possible reasons for low performance • Discussing ways to improve performance of central plant
10:00 – 11:00	<p>Value of Commissioning in Healthcare Projects Doug Brown, PE, LEED AP; David Lennon, PE; and Ron Wilson of Mazzetti Nash Lipsey Burch</p> <p>Healthcare facilities require systems that are reliable, maintainable and energy efficient. The energy consumption component of a healthcare facility is a key to the overall profitability of the facility. However, systems also need to be reliable and maintainable. This presentation presents an approach that allows the facility to achieve all three of these goals.</p>	<p>Tuning HVAC Systems for Optimum Performance and Energy Savings James Becker, PE, CxP, WCS/CA Steve Speyer, PE CxP, WCS/CA</p> <p>This presentation will focus on HVAC systems performance and Retro-Commissioning. Discussion will include the assessment of equipment operation, determination of proper systems function, identification of the causes of poor performance and a methodology for improving performance. A 'common sense' approach to development of a systems level action plan will be discussed. Improved performances will likely lead to a significant reduction in both un-scheduled maintenance requirements and energy usage, ultimately saving big facilities costs.</p>	<p>The Proper Care and Feeding of Your Diesel Powered Emergency Generator Rod Hasley, Product Support Representative HOLT</p> <p>A comprehensive look at diesel emergency generator operation and maintenance:</p> <ul style="list-style-type: none"> • How to establish and maintain a preventative maintenance plan, • Identify and explain how to avoid why emergency generator would fail to meet a "10-second start", • Explanation of AB 2216 and load test to accomplish maintenance compliance and keep generator engine running properly, • Joint Commission, OSHPD, and NFPA 110 compliance, • The latest ARB emissions rules and regulations and changes to expect in the future.
11:00 – 12:30	Exhibit Show	Exhibit Show	Exhibit Show
12:45 – 1:30	Lunch in the Atrium	Lunch in the Atrium	Lunch in the Atrium
1:30 – 2:25	<p>Managing for Success: How to Turn Your Passion into Departmental Motivation Dale Terry CEO, FS Medical Technology</p> <p>Learn the three traits of successful business managers. Learn how to be a successful leader when financial times are tough. Learn about the greatest secret for management success – having fun.</p>	<p>Nuts and Bolts of Commissioning Ric Holman Field Services Manager, AEI Engineering</p> <p>Hands-on commissioning activities for new and existing automated HVAC and emergency power systems in healthcare facilities.</p>	<p>Why Do Compressors Fail? Peter Hugenroth Senior Account Executive, Trane</p> <p>Who killed the compressor – mystery unraveled! Enjoy an entertaining and educational seminar that will help you become a good compressor failure detective. Learn how to gather all the facts and clues to find out why compressors fail. You will learn about principle types and causes of compressor failure.</p>
2:30 – 3:30	<p>OSHPD Update OSHPD Representative</p> <p>OSHPD official will give an update on regulations.</p>	<p>Overview of Life Safety Issues Carsten Lunde President, CYA Analysis</p> <p>This session will present a matrix geared toward acceptable documentation of Life Safety requirements for The Joint Commission within an acute healthcare environment.</p>	<p>Healthcare Electrical Safety: Standards, Testing, and Practices John Carroll, Distribution Sales Manager, Dranetz-BMI</p> <p>Update on electrical safety standards for lab and hospital. These include:</p> <ul style="list-style-type: none"> • Electrical Medical Devices according to IEC 60601, UL 60601, UL 544, UL 187, and NFPA 99, • Recurring Testing of ME Equip. according to IEC 62353, • Electrical Measuring, Control and Laboratory Devices according to IEC 61010 & UL 61010, • Safety of Household Appliances according to IEC 60335, • Data Processing Equip. as per IEC 60950 & UL 1950, • High Voltage Testing as per IEC 60950, IEC 61010, IEC 60335 and IEC 60601.
3:45 – 5:45	Golf at the Buchanan Field 9-Hole Executive Golf Course		

Registration Form — 3rd Annual Northern California Seminar

Registration

Registration Fees	Before 10/1	After 10/1
CSHE Member	\$ 95	\$120
Non-Member*	\$145	\$170

*Facility registrants will receive one-year membership in CSHE.

(Fee includes: continental breakfast,
educational materials and lunch)

Luncheon Ticket Guest Only		\$ 35
Membership Dues	Facility	\$ 50
Membership Dues	Affiliate	\$150
MECH Study Manual	Member	\$ 51
MECH Study Manual	Non-Member	\$ 58
MECH Certification Test	Member	\$ 95
MECH Certification	Non-Member	\$140
Golf		\$25

Enclosed Fees:

Seminar Registration	\$ _____
Luncheon (guest only)	\$ _____
Membership Dues	\$ _____
MECH Study Manual	\$ _____
MECH Test	\$ _____
Golf	\$ _____
TOTAL ENCLOSED	\$ _____

Mechanic Evaluation Certification for Healthcare (MECH) Certification Exam

An individual currently employed as a health care mechanic with the appropriate years of documented experience may have the skills and ability to become certified. It is mandatory that years of experience be an integral part of certification: two years for a certified mechanic and four years for the senior certified mechanic are required. Contact the CSHE office to request a MECH brochure and for additional information.



Method of Payment

Do you require a receipt? Yes No

Check enclosed Check # _____

Visa MasterCard No American Express

16-Digit Account Number

Three digit security code on the back of card

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Make checks payable to CSHE.

Please return this form with fees to:

CSHE
1215 K Street, Suite 800
Sacramento, CA 95814
Phone: (916) 552-7639
Fax: (916) 552-7617
Email: jjones@calhospital.org

**To register online, go to www.cshe.org,
then click on "Northern CA Seminar"**

Exhibitor Packets are available by calling (916) 552-7639 or on CSHE's website at www.cshe.org.

Please print clearly — One person per form (photocopies acceptable)

Last Name

First Name

Title

E-mail Address

Hospital/Organization

Address

City

State

Zip

Phone

Fax

Cell Phone

Please check for vegetarian meal option.

Attendee Information

Hotel Accommodations

Crowne Plaza Hotel – Concord

45 John Glenn Drive
Concord, CA 94520

Toll Free: (877) 276-4600

Main Number: (925) 825-7700 • Fax: (925) 689-5326

www.crowneplaza.com

Single/Double: \$99

Make your reservations directly with the hotel by calling (877) 276-4600. Please identify CSHE to receive the Group Block rate.

The hotel has blocked rooms at the group rate until October 15.

Reservations received after that date will be subject to general availability and the hotels' current rate.



Parking and Transportation

Complimentary parking. Complimentary shuttle service is provided within a five-mile radius of the hotel, including the Concord BART (Bay Area Rapid Transit) station. Go to www.bart.gov, for more information.

For directions go to Map Quest at www.mapquest.com.

Cancellation Policy

Cancellation must be in writing and faxed to (916) 552-7617 prior to October 16, 2009. A \$35 non-refundable processing fee will be charged. After October 16, cancellations and non-attending registrants are responsible for the full registration fee.

Substitutions are encouraged.

Americans with Disabilities Act

If you require special accommodations pursuant to the Americans and Disabilities Act, please call (916) 558-7639.

CHFM and MECH

Continuing Education Units

At the end of the seminar, Certificates of Attendance will be available for **four** continuing education units.



California Society for Healthcare Engineering, Inc.

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Sacramento, CA 95814

Phone: (916) 552-7639

www.cshe.org

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