

2003 CSEMA Professional Development Series (July 12 & 13, 2003)

Schedule

Saturday, July 12, 2003		Sunday, July 13, 2003	
8 a.m. to 12 noon	1 p.m. to 5 p.m.	8 a.m. to 12 noon	1 p.m. to 5 p.m.
<u>Toxicology of Molds (#4)</u>	<u>Mold Inspection & Remediation (#5)</u>	<u>Emerging Issues in Biosafety (#1) *</u>	<u>Risk Management (#9)</u>
<u>Radiation Safety for Non-Rad Professionals (#6)</u>		<u>Lab Ventilation (#11)</u>	<u>HVAC Systems (#12)</u>
<u>Applied Ventilation (#7)</u>			<u>Institutional Security (#14)</u>

*Moved from Saturday morning.

Topics

- **Emerging Issues in Biosafety (#1)**
 J. Peterson, University of Maryland
 L. Burnett, Vanderbilt University
Sunday, July 13—8 a.m. to 12 noon (moved from Saturday morning)
 \$125
 This half-day session will provide short biosafety primer followed by more detailed discussions of regulations affecting the use and possession of Select Agents and related biological materials, as well as the plans and programs that must be established to implement these regulations. Other emerging issues that will be reviewed include newer research technologies and issues such as biodefense research initiatives, exotic and emerging diseases, genetic testing, and stem cell research.
- **The Toxicology of Molds (#4)**
 Dr. Wyatt, University of Georgia
Saturday, July 12—8 a.m. to 12 noon
 \$125
 This half-day session will provide information on the numerous techniques for the assessment of mold contamination, the toxicity associated with mold with emphasis on mycotoxin production, and allergic responses and associated problems associated with mold spores.
- **Mold Inspections and Remediation Protocols (#5)**
 G. Boothe, EHS Service, LLC
Saturday, July 12— 1 p.m. to 5 p.m.
 \$125
 This half-day session will provide information on the methods of performing building mold investigations, the conditions that underlie mold growth, current regulations and guidelines concerning mold in buildings, mold sampling techniques, data interpretation for mold investigations, current remediation techniques and clearance requirements. The session will use case studies to illustrate problems associated with mold remediation projects.
- **Radiation Safety for Non-Radiation Safety Professionals (#6)**
 E. Gandsamn, Yale University
 A. Tahmassian, University of California at San Francisco
Saturday, July 12—8 a.m. to 5 p.m.
 \$225
 This full-day session will provide information on the basic principles of radiation protection. The program will cover basic topics of radiation sources and radioactivity, biological effects of radiation, external and internal contamination control procedures, detection and measurement instrumentation, spill management, waste disposal, and program management procedures.
- **Applied Ventilation: Principles and Practice (#7)**
 H. McDermott, H.J. McDermott, Inc.
Saturday, July 12—8 a.m. to 5 p.m.
 \$225
 This full-day session will provide information on the basic concepts of airflow and pressure as they are applied to provide local exhaust ventilation and dilution ventilation in order to protect the health of workers. The session will involve the use of sample calculations and exercises to enhance the understanding of industrial ventilation principles and ventilation system design.

- **A Risk Management & Insurance Primer for Health and Safety Professionals (#9)**

R. Emery & B. Brown

University of Texas Health Sciences Center at Houston

Sunday, July 12—1 p.m. to 5 p.m.

\$125

This half-day session will provide information on how an organization's loss exposures can be identified and analyzed, how risk management alternatives can be evaluated, how the most desirable options can be selected, the implementation of selected risk management techniques and the monitoring of the effectiveness of risk management programs. This session offers a very good overview of risk management and the insurance profession as it impacts health and safety programs.

- **Laboratory Ventilation (#11)**

H. McDermott, H.J. McDermott, Inc.

Sunday, July 13—8 a.m. to 12 noon

\$125

This half-day session will provide information on the basic design considerations for lab hoods, the major types of lab hoods, hood selection considerations, proper operation of lab hood systems, measuring velocity and airflow, and techniques for troubleshooting and correcting common problems with lab ventilation systems. The session will include hands-on exercises to reinforce major concepts.

- **Heating, Ventilation and Air Conditioning Systems (#12)**

H. McDermott, H.J. McDermott, Inc.

Sunday, July 13—1 pm. To 5 p.m.

\$125

This half-day session will provide information on the principles of HVAC and Makeup Air Systems, including Variable Air Volume (VAV) applications, commonly encountered in multi-storied facilities. The session will cover the various types of HVAC equipment and systems, the role of air exchange rates and filters in maintaining good indoor air quality, standards that apply to HVAC systems, testing equipment and techniques, sources of indoor air quality problems, preventive maintenance measures, and measures for diagnosing and correcting HVAC problems. The session will include reinforcing exercises.

- **Institutional Security: Causes, Assessments and Solutions (#14)**

L. Miller, C. Hoschouer, S. Feld

PLE Group

Sunday, July 13—1 p.m. to 5 p.m.

\$125

This half-day session will provide information on issues involving institutional security, measures for assessing the security level of an institution, a methodology to implement enhanced security programs, and technological applications necessary to maximize security program performance.

Continuing Education and Certification Credit

Applications will be submitted to BCSP, IHMM, and ABIH requesting continuing education and certification maintenance points for the CSHEMA 2003 Conference and PDSs.