

18th Bi-Annual EHS Director's Roundtable
May 1 - 2, 2007
Executive Inn
Louisville, Kentucky

TENTATIVE AGENDA TOPICS:

- 1) **Administrative Issues**—recognize new attendees; distribute and discuss minutes from November meeting; campus profile updates as primary means this time to convey everyone's top issues on campus—so please take time to update your profile!!; thanks to PCI as Roundtable sponsor; social hour and dinner in the Tudor Room followed by networking in hospitality rooms 1141 and 1143. Discuss available dates for fall meeting.

- 2) **Upcoming Meetings of Interest**
 - Midwest Nanotechnology Safety Workshop—May 20-22nd at Univ. of Wisconsin
www.fpm.wisc.edu/safety/nano
 - C2E2's Campus EHS Technology Workshop – May 24th at Princeton Univ.
www.c2e2.org
 - CSHEMA Regional Seminar and EMS Workshop – June 18-19th at Univ. of Colorado Boulder
www.prizim-inc.com/local/local.htm
 - CSHEMA Annual Conference—July 21-25th at Seaport Hotel in Boston
www.cshema2007.org
 - MABioN (www.mabion.org) will present an IBC Roundtable July 28, 2007 at the Hard Rock Hotel in Chicago. Bob Hashimoto and Jim Klenner will co-chair.

- 3) **Handout Description**— Everyone, please briefly describe the handout you brought OR will send to Randy for our web site and the new section cataloging information by subject heading.

- 4) **Recent Inspections, Fines, and Regulatory Development Updates** – CDC, USDA, EPA, OSHA, FAA, DOT, NRC or other agencies inspection experiences?
 - U of L OSHA asbestos inspection/5 citations—settlement in progress with revised penalty of \$25K to \$3.5K and one serious citation
 - Univ. of Florida consent agreement and \$21K penalty for RCRA violations and lab closeout issues in Chemistry
 - UW professor plead guilty to RCRA violations and faces possible 5yr. prison sentence and \$250K fine – sentencing June 18th
 - Chemical facility anti-terrorism standard – interim final rule and draft comments prepared by CSHEMA Government Relations committee (Madelyn Miller and others)
 - Update on EPA proposed rule on RCRA in labs and status of C&U Sector program and upcoming launch of C&U Compliance Assistance Center

- 5) **New Incidents, Accidents, Investigations and/or Identification of Exposures Purdue**
University student death in high voltage room; Virginia Tech shooting deaths; any others?
- Texas A & M non-reporting of lab exposure to Brucellosis
 - Teachers in Oregon sustained damaged eyes from exposure from broken shield on metal halide bulbs. (Rich Strong)
 - Chronicle of Higher Education article 3/16 “Accidents Rise on Campuses as Inspections Decline” and their live discussion regarding “Safety on Campuses”
- 6) **“Informed Risk” EHS Program Influence & Control vs. Transfer—**
Bob Emery will summarize data from Rounder’s Monday session
- 7) **UTHSC Pilot Program Using Vets in EHS –** Bob Emery and Tony Pitts
- 8) **Emergency Planning and Management Issues**
- Any new full-time or part-time emergency planning coordinators and in which department? Poll everyone and get count.
 - Business continuity—is this an emphasis on your campus? EHS involvement?
 - Event registration—how many require this?
 - Now that Disaster Resistant University (DRU) funding is gone, is anyone planning to develop Hazard Mitigation Plan and apply for a pre-disaster mitigation grant?
 - DRU list serve (Dennis Sullivan)
 - National Incident Management System experiences - how is unified command working among campus administrators, first responders and external agencies. (Maureen Kotlas)
 - What’s happening at your campus due to the Virginia Tech shootings? Everyone please describe EHS involvement, administration’s approach and pending or future plans –Please limit your comments to 2- 3 minutes.
 - Summary of media coverage comments to the public on lockdown – this can be done at K-12 where children are involved but not large colleges and universities. Educating administrators, faculty, staff, students, visitors and the general public about lock-down limitations at C&U?
 - Emergency Notification Tools
 - Auto-dialing/ text messaging systems – very through evaluation by Princeton of 13 auto dialing and text messaging which reviewed: cost; features; system info; and messaging info —see spreadsheets
 - Use of local government notification systems e.g. Reverse 911, Dialogic,etc.
 - Enhancement of fire alarm PA systems from single remote location
 - Expansion of emergency siren system with PA capabilities for message delivery
 - Activation of video screens on campus
 - PIER vs. WebEOC – capabilities; advantages vs. disadvantages
 - Tone activated radios in all buildings to notify Building Emergency Coordinators (IUPUI)
 - Unforeseen or analyzed labor costs associated with managing the new and more sophisticated notification systems (Ken Kretchman)

- Communication messages on campus as a result of Virginia Tech shootings – current and planned??
- Tabletop exercises— has any one conducted active shooter tabletop and if so lessons learned? Other tabletop exercises conducted or planned—sharing summaries with Rounders?

9) EHS Support of Research Function

- Nanotechnology safety in research laboratories
 - NIOSH Report: Progress Toward Safe Nanotechnology in the Workplace, February 2007. What's everybody doing with "interim precautionary measures" to control undetermined worker exposures? (Maureen Kotlas)
 - Resource management (David Inyang)
 - American Bar Association's Section on Environment, Energy, and Resources (SEER) has reviewed core federal environmental laws that could be used to address environmental impacts from applications of nanotechnology
www.abanet.org/enviro/nanotech (Phil Hagan)
- NRC irradiator security requirements– status, experience, problems (Joe Griffin)
- U of Missouri's focused inspection on decommissioning from the NRC. Potential new initiative by NRC with Univ. of Michigan being the first institution inspected under this new initiative. (Peter Ashbrook)
- New PIs setting up labs—good approaches?
- Lab door signage programs – IUPUI and Cornell
- “Open labs”—Duke EHS and faculty see issues with security, confidentiality, privacy of research data, etc. While we have worked around these issues, we really don't like this concept and were wondering if other agree (we hear some do). If so, is there some way a consensus could be developed to discourage this design? (Wayne Thomann)

10) IBC, Biosafety, Biosecurity, Select Agent Issues –

- Discuss experiences of those that have had site visits from NIH – handout from Bob Hashimoto on 10 observations from NIH site visits
- Issuance of 5th edition of BMBL Feb'07—hard copies not yet available see <http://www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.htm> -- comments?
- GAO on-line survey of BSL3 and 4 laboratories is open for ~ 2 weeks from 4/25/07
- Boston Ordinance will be in effect by time of Rounders meeting – quick update from Boston directors on experience with the new requirements (Joe Griffin / Peter Schneider)
- NIH just released BSL3 certification requirements
- Institutional Biosafety Committee Chair compensation survey (Mark Haenchen)
- National Science Advisory Board for Biosecurity (NSABB) meeting on April 19, 2007 – recommendations on oversight of “dual use” research
- Update on ABSA's CEN workshop for the development of the international standard for Biosafety and Biosecurity laboratory management system (Patty Olinger)

- Medical surveillance and training for animal care workers at **non-** AAALAC accredited institutions –Poll of who is doing web-based training or class room. (Katrina Doolittle)

11) Compliance Initiatives on Campus

- EPA Region 4 self audit and compliance initiative for colleges and universities (Bob Wheaton)
- Institutional status and rationale for action in response to the EPA Region 4 self audit/self report initiative (Bill Properzio)
- Barry Hartman of KLGates presentation on “Navigating Audit Disclosure Decisions—Your Rights and Obligations from CSHEMA Regional Seminar at Univ of Central Florida on April 17th at www.klgates.com/cshema
- Update of EPA multi-media inspection guide aka Appendix H in APPA/CSHEMA’s 2002 Guide on Compliance is in progress – draft at <http://tinyurl.com/2vyjgv>
- Emory’s creation of document control position which reports to Compliance Documentation/Training Manager (Patty Olinger)
- Positions dedicated to EMS/ESMS management? (Patty Olinger)
- Research or campus-wide compliance initiatives
- Enforcement approaches when dealing with severe or repeat offenders (Maureen Kotlas)
- Other compliance activities?

12) Sustainability Programs

- Highlights from 2nd Smart and Sustainable Campus conference at Univ. of Maryland April 17-19th (Maureen Kotlas)
- Sustainability programs on campuses (Bob Wheaton)
- EHS and sustainability - are you the driving force or a participant?; how does compliance and EMS interact with sustainable practices?; strategies and challenges in reducing greenhouse gas emissions, green purchasing, recycling, stormwater management, etc. (Maureen Kotlas)
- What experiences are others having with what seems to be a strong push for sustainability/energy reduction in laboratories and how that potentially affects health and safety issues (Mike St. Clair)
- Bio-renewable fuels industry – EHS Issues (David Inyang)
- Any hot topics in sustainability. Any good conferences Rounders have attended or coming up? (Rich Strong)

13) EHS Administration

- Effective annual reports (Bob Emery)
- Budget model and its effects on EH&S budgets (David Inyang)
- Personnel recruitment and retention (David Inyang)
- Ideas/experiences w/ developing EHS-related capital projects e.g., haz waste facility replacements/renovations, centralized EHS buildings (Maureen Kotlas)
- Experiences with the "Business of Safety", return on investment, EHS metrics, use of leading indicators e.g. performance trends, surveys of opinion leaders, employee attitudes about EH&S, etc. (Maureen Kotlas)

- EH&S involvement in design, plan review, construction - how are EH&S Depts. responding to the construction boom in higher ed? Impacts on staffing, workload, contracts, fee-for-service activities, etc. (Joe Griffin)
- Information transfer concerns—How does info get transferred from construction to O&M and EHS regarding installation of new equipment that affects our programs e.g. new chillers that contain refrigerant, new storage tanks for fuel, new fume hoods, eye washes/safety showers, transformers subject to SPCC regs, etc. How do you assure that inventory of these items is complete? (Robin Elliott)

14) Pandemic Influenza Planning Efforts

- Pandemic flu updates (Bob Wheaton)
- NCSU's pandemic flu lab closeout checklist
- Pandemic planning trigger points
- Planning endpoints at this stage—when do we put this on the shelf and wait for WHO Phase 4?

15) New Technology/Software and Applications in Use or Planned –aka Randy's corner

- Web based training update
- Worker's comp data management software – who has a recommended software (Katrina Doolittle)
- IUPUI uses a tablet pc (Motion Technology –slate version) to perform lab inspections with positive results using an Access data base
- Anyone using wireless technology for reporting fire alarms – what's the name of the manufacturer of the system, good or bad results?
- Anyone using eInstruction in training?
- Randy Pewitt's technology items

16) Miscellaneous topics and questions:

- CSHEMA news!!!
- CSHEMA Benchmarking – Decision on doing this in Fall '07 is pending. How many are interested? (Peter Ashbrook)
- Has anyone proceeded with the installation of the Safe T element on their electric stoves in residence halls and any problems they have had. (Robin Elliott)
- How many include their police in the Hearing Protection Program? (Rich Strong)
- Return to work programs – anyone with a good program? (Rich Strong)
- TISCOR's Fireproof bar code system for inspecting fire equipment is soon to be unsupported and a new software is now being offered to replace it. - anyone else in the same situation, any recommendations for a system to track fire equipment inspections, (i.e. extinguishers) TISCOR's or others?
- Clean Harbors/Teris – doesn't support ERIS (software for lab packing), anyone have other options for lab packing software or are they joining the paid consortium to support ERIS
- Any other quick questions?