Update from the Lab Safety Task Force

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June 31, 2015
CoR Summer Meeting
Overview

• CoR Elects to Proactively Respond to a National Problem
• Task Force Members
• Context
• Current National 360
• Listening Sessions
• Draft Approach
• Cross Referencing
• Proposed Remaining Schedule
• Mechanisms for Feedback From You
• Q&A
Proactive Response

• Since 2013, CoR has been in discussions to proactively address the lab accident epidemic on campuses
• Summer meeting 2013 focus
• Sense that VPRs/VCRs must be proactive change agents (including responding to 2014 NRC report)
• Concerns about risk management, federal agency action, faculty workload burden
• Formal task force established in 2014, involving APLU, AAU, COGR, ACS
Task Force Members

- Taylor Eighmy (Chair), University of Tennessee, Knoxville
- Mark McLellan (Co-chair), Utah State University
- Gene Block (Honorary Chair), UCLA
- Kimberly Espy, University of Arizona
- Mridul Gautam, University of Nevada, Reno
- Kimberly Jeskie, Oak Ridge National Laboratory
- Dawn Mason, Eastman Chemical Company
- Jan Novakofski, University of Illinois at Urbana-Champaign
Task Force Members (continued)

• Patty Olinger, Emory University
• Joanne Polzien, Michigan Technological University
• Lesley Rigg, University of Calgary
• Tim Slone, University of North Carolina at Greensboro
• Ara Tahmassian, Harvard University
• Erik Talley, Cornell University
• William Tolman, University of Minnesota Twin Cities
• Nancy Wayne, University of California Los Angeles
• Alice Young, Texas Tech University
Task Force Staff

• Steve Bilbao, Utah State University
• Robert Nobles, University of Tennessee, Knoxville
• Kacy Redd, APLU
Must Reads:

http://www.labsafetyinstitute.org/MemorialWall.html

http://www.csb.gov
Context (continued)

2012 ACS Report

2014 NRC Report
• UCLA, TTU, Yale accidents
• NIH Guideline
• OSTP, NIH, other federal agencies forming biosafety task force

• Corporate hiring practices
• Governing Boards and Enterprise Risk Management
Listening Sessions

- May 4, 2015: NRC, ACS, CSHEMA, AAHRP
- June 8, 2015: AAALAC
- June 15, 2015: COGR, FASEB, FDP, AAU
- June 18, 2015: NIH
- July (date TBD): CoR
- July (date TBD): NACUA
- October (date TBD): ACS
- November (date TBD): CASS (deans)
Draft Approach: Framing Vision and Mission of Task Force

• CoR will be advocating for a proactive call to all universities to embrace *a renewed commitment to improve the safety culture* for all academic research, scholarship, and teaching.
Draft Approach: Suggested Core
Institutional Values

• Safety is a component of scholarly excellence and responsible conduct of research.
• A campus environment that ensures the health and safety of our entire community is necessary.
• Increased focus on safety is important for our students’ careers.
• We are determined to create a culture to ensure risk reduction.
• As safety cultures are developed, one size does not fit all and thus diversity and flexibility of approaches and methods that involves the entire community is the best approach.
Draft Approach: Primary Recommendation

• **We recommend that APLU and AAU call upon all academic institutions to renew their commitment to improve the safety culture for all academic research, scholarship, and teaching.**

• **Letter from McPherson, Rawlins, Block to all APLU and AAU universities with task force report**
Draft Approach: Primary Recommendation

Letter to include:

- Includes language about what we value.
- Includes references to national reports and recent incidents and accidents (e.g., UCLA, Yale, TTU, Biosafety and federal labs, NIH plan). Asking all academic institutions to use this tool box as each selects a direction.
- Asking all academic institutions to also look beyond the traditional research lab and to embrace a commitment to improving safety in the lab, in the teaching classroom, and in the field.
- Asking presidents to publicize their commitment and expectations within their institutions.
- Inform that APLU and CoR will work to routinely recognize exemplary programs (e.g., APLU Morning News).
- Inform that APLU and CoR will sponsor an annual safety culture award.
Draft Approach: Tool Box Components

• Use the tool box concept
• Tool box can evolve
• Each institutions can best select the tools that best work for them
• Path of and rate of change around cultural adoption is unique to each institution, one size does not fit all
• Separate cultural change from compliance
• Accreditation is not a component of the tool box
Draft Approach: Start Up Tools to Initiate Cultural Change

• Campus dialogues with all stakeholders
• Collegial relationships between faculty and EH&S
• Empower Students - Graduate & Undergraduate
• Transparency on roles of all stakeholders
• Trusting and safe culture (celebrate learning from near misses), rather than a punitive culture
• Recognition/reward system
• Incorporate language about safety expectations in hiring documents, annual performance reviews
• Promote academic and industrial/government partnerships
• Training: Students, Faculty, Department Heads, Deans
Draft Approach: Tools to Help Maintain Culture

• Tools to Help Win Hearts and Minds
• Training Tools
• Operational Tools
• Assessment Tools
• Personal Accountability Tools
Draft Approach: Assessment Tools as an Example

- Internal self-assessment of culture and practices for programs. This can be done at the institutional level or at the sub-unit level (e.g., departments, colleges, institutes).
- External peer assessment (like grad program review) of culture and practices, again at various levels. Peers can be selected based on their academic and research profiles and maturation of their safety culture. This practice is common to the academy, especially around graduate program review.
- External assessment from professional consulting organizations (e.g., paid review). These organizations typically work closely with industry and national laboratories.
- CSHEMA model -- comprehensive and extensive campus-wide guided self-assessment (this is a more extensive process than a, b, and c). Typically this is a year long process.
Draft Approach: Roles and Responsibilities

- President/Chancellor
- Provost
- Senior Research Officer
- Designated Lead for Safety
- Department Heads
- Faculty
- Students
- Job descriptions/hiring
Draft Approach: Resources (examples)

- NRC report
- ACS reports
- CSB reports
- Lab Safety Institute web site
- UC System approach
- Stanford approach
- CSHEMA
- NIH/Federal Task Forces
Draft Approach: Articles and News Events Driving This Issue

• Many will be listed
• Dartmouth
• UCLA
• Yale
• TTU
• CDC
Cross Referencing Underway

• Making sure we align our draft approach with relevant recommendations from NRC, ACS, others

• Looking at U.S. CSB recommendations regarding TTU


• Exploring OSHA “Culture of Safety” recommendations
Proposed Remaining Schedule

• Input from Task Force, CoR EC, CoR (Summer)
• Additional conversations with NACUA, ACS, A&S Deans (Summer)
• Finalize report (November)
• Draft letter (November)
• Present Tool Box in November, 2015
• Formal letter from CoR to APLU, AAU, Chancellor Block (December?)
• Letter and report from APLU, AAU, Chancellor Block to APLU and AAU institutions (January, 2016?)
Mechanisms for Feedback

• We anticipate sharing our approach with the Task Force, then the CoR Executive Committee, then you

• Your feedback is important

• We will be finalizing our thinking by September/October

• We look forward to your joining us in our session in November at the annual APLU meeting
Q&A

• What works for improving the safety culture in your institution?

• Do you have a near miss reporting system?

• Will your president/chancellor and provost embrace this?

• Are you supportive of separating the safety culture push from the compliance requirement?

• What are your thoughts about a lab safety equivalent to AAALAC or AAHRP?
THANK YOU!