

**AMERICAN CHEMICAL SOCIETY
JOINT BOARD-COUNCIL COMMITTEE ON CHEMICAL SAFETY
230th ACS National Meeting**

MINUTES OF MEETING

Monday, August 29, 2005

**Combined Open and Executive Session
Renaissance Washington
West Ballroom A
6:00PM – 9:30PM
Washington, DC**

Dr. Ken Fivizzani, acting on behalf of Dr. Alan Hazari, Committee Chair, called the Fall 2005 meeting of the Committee on Chemical Safety to order at 6:00 PM on August 29, 2005.

The following Committee members, associates, consultants, and liaisons attended all or part of the meeting:

Dr. Joseph Antonucci, Dr. Patrick Barber, Dr. Lawrence Barton, Dr. Cheryl L. Vaughn Bradley, Dr. Lester Bynum, Dr. David Crumrine, Ms. Jean Delfiner, Dr. Harry Elston, Dr. Kenneth Fivizzani, Ms. Barbara Foster, Mr. James Kapin, Dr. Arthur Marcinkowsky, Dr. Daniel McDonald, Mr. Russell Phifer, Ms. Marsha Phillips, Dr. Patricia Redden, Ms. Eileen Segal, Mr. Erik Talley, Dr. Rubye Torrey, Dr. Doug Walters, Dr. Wayne Wolsey, and Dr. Robert Rich, ACS Staff Liaison.

Guests who were present for all or part of the meeting included Dr. Tamara Nameroff, ACS Office of International Activities, and Ms. Joan Laredo-Liddell, SOCED, 2006 Chair Elect from the NY Section.

1. Approval of Minutes

Following a formal introduction of members and guests, the minutes of the March 14, 2005 San Diego meeting were reviewed and approved, as amended.

CCS02-2005 - The Committee VOTED unanimously to approve, as amended, the minutes of the March 14, 2005 San Diego meeting.

2. Chair's Report – Dr. Ken Fivizzani for Dr. Alan Hazari

- Welcome to members and guests
- Tab 2-References to JCHED

Dr. Fivizzani discussed Dr. Hazari's report to C&E News. Dr. Hazari is preparing a comment for C&EN. All members are encouraged to send their comments to Dr. Hazari.

3. Staff Liaison's Report – Dr. Robert Rich

A. Report on Distribution of Committee Publications

1. Inventory and sales reports are under Tab 3 of the agenda book.
2. On page 20, our current inventory is listed for each publication.

3. On page 21, our YTD and on page 22, our July sales are listed. Quantity sold is the number of books, amount sold is the amount of money paid for that book.
 4. As you can see, a couple of books are selling very slowly, “Small Business” and “Living with the Lab Standard.” After talking to Al, Dr. Rich ordered that 3500 of the former and 8500 of the latter be destroyed, since we are likely never to need so many copies and we pay for storage of these volumes.
 5. Dr. Rich spoke with Steven Cooke of the ACS Small Chemical Business Division to see if they could use our soon to be outdated “Small Business” books. Steven will be distributing a few at the meeting expo hall, and the Division will discuss other ways of helping us put our remaining inventory to good use.
- B. OSHA Reactives Alliance
1. ACS has been invited by the Occupational Safety and Health Administration to participate in what they’re calling the “Reactivities Alliance.”
 2. This group of OSHA, Dept. of Labor, EPA, ACC, the Center for Chemical Process Safety, The Chlorine Institute, the Mary Kay O’Connor Process Safety Center, the National Association of Chemical Distributors, and SOCMA, is focused on sharing resources regarding safe handling of reactive chemicals.
 3. We are in the process of signing on to this group.
 4. While we are not yet formally a member, it seems a likely vehicle for further publicizing this committee’s resources, and bringing in resources from others.
 5. Dr. Rich will attend the meetings and stay in contact as our role in the alliance matures.
- C. Update on Interim Actions on Behalf of the Committee
1. Dr. Rich handled a variety of communications as the point of contact for the committee at ACS. Here’s the list of what he has been involved in sharing information about. He thanked the committee members for their quick and helpful responses to his emails on these and future issues which arise.
 - A request about the use of safety goggles versus safety glasses in academic laboratories from a gentleman at the University of Toledo.
 - A request from the US Drug Enforcement Administration to suggest speakers for their laboratory safety conference in June in Vista, CA.
 - A question from a safety officer at Southern Connecticut State University about pregnant women in academic labs.
 - A request for editing of a “School Chemistry Laboratory Safety Guide” from the Consumer Products Safety Commission.
 - A request to recommend speakers for a safety workshop for ACS Student Affiliates at the ACS National Meeting in Atlanta. Al Hazari and Jack Breazeale have agreed to participate in this.
 - A request from the Association of Air Medical Services via the ACS Speaker Service to recommend speakers for a panel on significant safety challenges in different industries for their meeting in October in Austin, TX.
 - A question from a high school teacher, via the ACS high school science office, concerned about overly large laboratory classes.
 - A conversation with the ACS Library and Information Center reaffirming our willingness to serve as a resource to their reference librarians when asked about safety-related issues.

- A request to copy the ACS videotape “Starting With Safety,” from the University of North Carolina, Asheville. This was referred to the creator of the video, the ACS Short Courses department.
- Requests to reprint CCS publications from George Mason University and DeAnza College.

4. Reports of the Subcommittees

A. Safe Practices - Mr. Russell Phifer

Dr. Marcinkowsky is completing his nine years of service with the Committee with this meeting. Dr. Fivizzani thanked him for his service.

Russell Phifer (Chair), Barbara Foster, Lester Bynum, Doug Walters, and Art Marcinkowsky attended the meeting.

1. The subcommittee completed a review and rewrite of the Student Laboratory Code of Conduct for Secondary Science Programs. It is available for web publication.
2. The subcommittee continued work on the Checklist for Small Chemical Plant & Academic Facility Security Managers. The checklist has been organized into four areas – Infrastructure, Security Systems, Hazardous Materials and Response Systems. Questions are being developed under each heading. Members were assigned responsibilities for the last two areas, which are still under initial development.

The meeting adjourned at 8:18PM.

B. Resources - Dr. Daniel McDonald

Dan is completing his service with the Committee with this meeting. Dr. Fivizzani thanked him for his service.

Daniel P. McDonald, David S. Crumrine, James Kapin, Marsha A. Phillips, Patricia Redden, and Eileen Segal. Not attending: Laurence J. Doemeny, Rubye Torrey, and Douglas B. Walters attended the meeting.

Following the San Diego Meeting, a bullet point checklist of safety principles in nanotechnology was posted on the CCS website. This list was prepared by Peter Lichty at the Lawrence Livermore National Laboratories. Eileen Segal will investigate potential web links pertinent to nanotechnology such as the NIOSH site.

James Kapin will review potential website links for biotechnology and look to develop a bullet point list for biotech similar to that prepared for nanotechnology.

David Crumrine will investigate incorporation of Green Chemistry principles into the revisions of SACL and other CCS publications.

Marsha Phillips and Patricia Redden will review the CCS K-6 and 7-12 publications and suggest improvements that may be made to the online versions. Marsha and Pat will also review the resources of preschool through high school teachers available on the Chicago Section website to determine if a link should be made on the CCS website.

Revisions to SACL may be made on the online versions to the current volume prior to publication of the next volumes as appropriate. Eileen Segal will prepare and update the statements on indirectly vented chemical splash goggles to remove some no longer applicable terminology. Eileen also pointed out that NIOSH has made a definitive statement concerning the wearing of contact lenses in laboratories and will contact Erik Talley concerning a website link.

Eileen has recently been a resource for an article in *Business Insurance* and will contact them concerning a potential article on the safety resources available through ACS and the CCS website.

Dan McDonald will contact an instructor at Mesa Community College to answer an inquiry about safe laboratory management.

C. Partnerships - Dr. Cherlynlavaughn Bradley

Joseph Antonucci, Cherlynlavaughn Bradley (subcommittee chair), Jean Delfiner, Kenneth Fivizzani, Robert Gates, Erik Talley, and Wayne Wolsey attended the meeting.

Other attendees: Robert Rich and guest, Wayne Collins.

The meeting began at 7:15 p.m. Cherlyn Bradley, welcomed all to the meeting. Members introduced themselves to invited guest, Wayne Collins, who is an affiliate for the committee.

1. K-12 Science Safety Guidelines -- Erik reported that Jean emailed him the website of the NYC safety manual for schools and he has linked CCS to the table of contents of that 12-chapter document.
2. Publicity -- Cherlyn wrote an article on the ACS safety publications and sent it to Bob Rich for submission to *Cut & Paste*, which is sent to the sections' newsletter editors.

Erik reported that the Spanish version of SACL is in final review.

Jean reported that she plans to have some of our safety pamphlets available at the NYC Dept. of Education meeting.

3. *Chemical Safety for Small Businesses* manual -- Ken reported that there are only two sections left to do and the final draft will be completed.

We already have a request for it; SOCMA has ordered 500 copies.

4. Partnerships -- Erik has set up a partnership with the American Biological Safety Association (ABSA) and is the CCS liaison to them.

Wayne Wolsey has made contact with the Chair of the Division of Nuclear Chemistry and a potential partnership is in the works.

Wayne Wolsey, as the CCS liaison to the Committee of Community Activities, reported that the NCW themes for the next three years deals with the following topics: your home (2006), chemistry and careers (2007), and chemistry and sports (2008).

Jean, as the CCS liaison to NCW's safety issues, has received material from NCW for her comments and she has indicated to them several safety-related items that should be included.

5. New Business -- Jean brought up a question regarding what type of safety programs other countries have. We should get some idea on this from the potential China-CCS interactions.

Bob Rich suggested that our committee may want to expand our partnerships list to include the CHAS Division and AIHA. Therefore, the CCS liaisons to these groups, Eileen Segal and Doug Walters, respectively, will be invited to the next partnerships subcommittee meeting.

Wayne Collins asked if any courses are taught on lab safety at the colleges? The names of several possible contacts were given to him, including, Bob Hill, Jay Young, and Barb Foster.

6. A reminder was given of Monday's co-sponsored Presidential symposium on chemical plant security that's taking place in room 207A in the convention center.

There being no other business, the partnerships committee meeting adjourned at 7:51 p.m.

Submitted by Cherlynlavaughn Bradley, Subcommittee Chair

D. Laboratory Environment, Health and Safety – Mr. Erik Talley

Discussed new Academic Lab RCRA. New Lab Waste regulation, to be published the end of January. Preparing for Fed Register 30-day comment period for Lab RCRA.

The Laboratory Waste Guidebook is outdated. He has met with ACS books, who agreed to a second version that will incorporate new lab waste regulations.

5. Web Site Update – Mr. Erik Talley <http://www.chemistry.org/committees/ccs>.

Changes made to the ACS CCS Web site since the Spring 2005 meeting include:

- C&E News Lab Photo comment from CCS added.
- Nanotechnology Safety Resources added.
- Laboratory Environment, Health and Safety Task Force Mission, Objective, History, and Membership information added.
- Lab EHS Task Force publications incorporated into CCS publications page.
- SACL for Faculty and Administrators updated.
- Fall 2004 National Meeting committee and subcommittee minutes added.
- External links updated.

While reviewing other sites linked to the CCS site, 117 Web pages were found linked to <http://membership.acs.org/c/ccs> pages and 31 pages linked to <http://chemistry.org/committees/ccs>.

Please forward ideas or additional materials to be placed on the Web site to ert2002@med.cornell.edu.

6. Reports of CCS Liaisons

- ACS Division of Chemical Health and Safety - Ms. Eileen Segal
 - A) DCHAS continues to be involved in providing workshops at regional meetings. At the SESW RM in Memphis, November 1-3, Barbara Foster and Russ Phifer are scheduled to give both a technical session and workshops. Another workshop is planned for the 2006 Western Regional Meeting in Anaheim, CA, in January 2006.
 - B) DCHAS has applied for two Innovative Funds Grants: One to fund mailings required to implement the Mentoring Program and another for the initiation of a Speaker's Bureau to provide funds for speakers' expenses.
 - C) The following new officers were elected:

Chair-Elect:	Barbara Foster
Treasurer:	Neal Langerman
Councilor:	Kathy Benedict
 - D) DCHAS has two awards which may be of interest to CCS:
 - The Howard Fawcett Chemical Health and Safety Award for outstanding contributions to the field of chemical health and safety.
The University/College Award for developing an outstanding safety program.
 - CHAS is always seeking nominations. If any CCS member knows of a worthy person to nominate, contact Doug Walters, Awards Chair, or any member of DCHAS for information.
 - E) The division has stopped publication of its printed newsletter, CHASNotes. Now DCHAS will collaborate with AIChE to add its news items to AIChE's Web site newsletter, www.AIChE.org.
 - F) Harry Elston was granted a one year contract extension as editor of *Chemical Health & Safety*.
 - G) The name of *Chemical Health & Safety* will change to the *Journal of Chemical Health & Safety*, beginning with the Jan/Feb 2006 issue.
- American Industrial Hygiene Association (AIHA) – Dr. Douglas Walters
The next AIHA meeting will be held in Chicago in May 2006, and will be a joint conference with Vent 2006. Dr. Walters is the official ACS liaison with ANSI. He discussed the ANSI Z9.5-2003, Laboratory Ventilation Standard. He has become active with the AIHA International Affairs Committee and the European and Asian Subcommittees.
- Committee on Community Activities – Dr. Wayne Wolsey
The theme of the next NCW is Chemistry and Toys.
- Inter-Committee Safety Working Group – Ms. Jean Delfiner
Ms. Delfiner discussed the NYC Dept of Ed Science Safety Manual, K-12.
- National Registry of Certified Chemists (NRCC) – Dr. Robert Alaimo
Dr. Alaimo was not present, but submitted a written report. Members are encouraged to send comments regarding Items #1 and #6 to Dr. Alaimo.

- American Biological Safety Association (ABSA) – Mr. Erik Talley
ABSA will assist us with our various publications and can act as a resource for the committee.

7. Old Business

- Update on revision of *Chemical Safety Manual for Small Businesses* – Dr. Ken Fivizzani
Dr. Fivizzani reported that he is editing the last two chapters of this manual. He thanked the members for their comments and editing efforts.

- Update on translation of *Safety in Academic Chemistry Laboratories, Volume 1* – Mr. Erik Talley

Several outside Spanish-speaking persons have edited this document to date. We will add a translation disclaimer in the book. We will provide appropriate credits. The document will be formatted in similar fashion as the English version and will be promoted on the Web site. A caveat will be added to the Web site for persons to provide comments/corrections. After the comment period, a print version will be published. Dr. Rich will investigate the possibility of a print-on-demand version of the document.

8. New Business

- Issues regarding free distribution of CCS publications at public events

The Committee discussed the proper policy on distributing these publications, free of charge, in large numbers at public events. It was suggested that we should include a document that lists all publications and costs with all outgoing shipments of CCS safety materials. Electronic files could be included in the teacher's bags for the Illinois State Fair. Dr. Rich could provide excess copies of "Living with the Lab Standard" to the Lab Safety Institute with the caveat that the documents must be given free of charge to interested parties. The "Small Chemical Business Manual" will be provided free of charge to new members of the Division of Small Chemical Businesses.

- Recent correspondence in *Chemical & Engineering News* regarding chemical safety
Dr. Fivizzani commended the Committee on their efforts to encourage the ACS to contact the DCHAS or the CCS with all questions of laboratory safety.

- Potential China-CCS connections

Guest Dr. Tamara Nameroff, ACS Office of International Activities, discussed the ACS trip to China. China is determined to become a world-class leader of technology. Although the Chinese are performing excellent science, ACS members noted on their recent trip that many labs lacked an emphasis on safety. Rudy Baum described the safety practices in a *C&E News* article. Some new labs were operating safely, with good ventilation and functioning fume hoods. Emphasis on safety is lacking in many labs. Dr. Nameroff emphasized that there is a pressing global need for attention to safety. The ACS has extended an invitation to the Chinese Chemical Society to visit them at the San Francisco meeting.

Dr. Rich will investigate if China has a CCS equivalent.

Also, Mr. Talley emphasized that, since we will be publishing a Spanish SACL, we should focus some efforts on Spanish-speaking countries.

- Presentation of service award to Dr. Stan Pine from the Laboratory Environment, Health and Safety Task Force

Dr. Pine has a long history of involvement with chemical safety. He has been involved with the Task Force since its inception in 1980. He was presented with a plaque that read “For outstanding leadership, dedication, and achievement in the area of laboratory waste management reform.”, ACS Committee on Chemical Safety Task Force on Laboratory Environment, Health & Safety, 1980-2005.”

9. Information Items

- NIOSH Safety Checklist Program for Schools – Ms. Barbara Foster
(included in the Agenda Book)

- Workshops at the Joint Southeast/Southwest ACS Regional Meeting – Mr. Russ Phifer and Ms. Barbara Foster
(included in the Agenda Book)

- ACS Vision Kiosks

Members were asked to visit a computer at the ACS Vision Kiosks and take a few minutes to answer some questions about the future of the ACS.

- ACS Web Presence Initiative

Dr. Rich reported that a presentation will be made to Council on Wednesday on the status of the Web site update.

- Status report on Board Oversight Group on Leadership Development

A group will look at how the Society is organized and led and is tasked with making improvements in governance.

- Sloan Career Cornerstone Web Site

This group is soliciting our assistance in identifying individuals to profile for their Web site. Send your ideas to Dr. Hazari.

- Withdrawn petition to ACS Council on election procedures

A formal withdrawal of the change was announced by Dr. Rich.

- Dr. Redden distributed an article that appeared in the *New York Times* which detailed an event that happened on the set of “The Guiding Light” in which a wall-mounted blood pressure device fell from the wall and broke, releasing mercury, and the response by the NYC emergency services personnel.

The meeting was adjourned at 8:50 PM.

Next planned meeting of the Committee: Monday, March 27, 2006 – 8:30 AM to 12:00 Noon in Atlanta, GA.

Meeting minutes prepared and submitted by Barbara L. Foster.