

**ACS COMMITTEE ON CHEMICAL SAFETY (CCS)
227th ACS National Meeting**

APPROVED

MINUTES OF MEETING

Monday, March 29, 2004

**Combined Open and Executive Session
Disneyland Hotel
Anaheim, California**

Dr. Ken Fivizzani, Chair of the Committee, called the Spring 2004 meeting of the ACS Committee on Chemical Safety to order at 8:30 AM on March 29, 2004. The following Committee members, associates, consultants, and liaisons attended all or part of the meeting: Dr. Robert Alaimo, Dr. Joe Antonucci, Dr. Cherlynlavaughn Bradley, Dr. Jack Breazeale, Dr. Lester Bynum, Dr. Michael E. Cournoyer, Ms. Jean Delfiner, Dr. Lawrence Doemeny, Ms. Barbara Foster, Mr. Bob Gates, Dr. Alan Hazari, Mr. Jim Kapin, Dr. Arthur Marcinkowsky, Dr. Dan McDonald, Mr. Russell Phifer, Dr. Pat Redden, Dr. Paul Schickedantz, Ms. Eileen Segal, Mr. Erik Talley, and Dr. Wayne Wolsey. Guests included Ms. Marsha Phillips.

ACS staff and governance present for all or part of the meeting included Dr. Lawrence Funke (CCS staff liaison) and Dr. Herb Silber (ConC liaison).

1. Approval of Minutes

Following introduction of members and guests, the minutes of the September 8, 2003 meeting were reviewed, and approved as submitted.

CCS1-04 - The Committee VOTED unanimously to approve the minutes of the September 8, 2003 meeting.

2. Chair's Report

Dr. Fivizzani welcomed new members Lester Bynum and Jim Kapin to the committee. He mentioned the efforts to support AIHA's petition on proposed change to the International Mechanical Code, which might have adversely affected laboratories.

Ken thanked the Council of State Science Supervisors for the award given to CCS at the CSSS meeting in recognition of our support of their activities. The award will be presented on March 30, 2004.

The committee had been asked by Kevin McCue, editor of *Chem Matters*, to review several experiments to be published; included was the “ice cream dots with liquid nitrogen” experiment. Dr. Hazari summarized the committee’s comments, which were thoughtfully prepared and well received.

Ken provided an update on the revision of the *Chemical Safety Manual for Small Businesses*. A draft of the book is expected in early summer. The goal is to have a good draft completed by the Philadelphia meeting in August. There are numerous updates that will be included, such as internet resources, information on the *Americans with Disabilities Act* (ADA), and ergonomics. Copies of the previous manual are still available and anyone wanting a copy (1992 edition) should contact Dr. Funke.

3. Staff Liaison’s Report

Dr. Funke noted the committee had agreed to send copies of both volumes of *Safety in Academic Chemistry Laboratories (SACL)* to all departments on the mailing list of the Committee on Professional Training (CPT), which was done. Copies of *SACL* were also sent to 1300 colleges in the 2-Year College Chemistry Consortium.

Larry mentioned that the lab safety pocket guide, *Safety for Introductory Chemistry Students*, is published and that all committee members have received a copy. These are being distributed to a variety of organizations. Single copies are free; 25 copies are available for \$6.00 to cover the cost of production. He asked for ideas on additional ways to distribute the 20,000 copies available. Dr. Redden suggested they could be distributed to incoming Section chairs at the ACS Leadership Conference. Dr. Breazeale suggested that the Laboratory Safety Institute would also be interested in distributing the pocket guide. It was agreed that the distribution policy would be that requesting groups would receive 100 free copies; additional “bundles” of 25 would be sold for \$6.00 each.

A request has been received from a university to have *SACL* included in their laboratory manuals; they have asked for permission to reproduce the manual. It was agreed that we would charge \$1 per manual for the rights to reproduce *SACL* in their manual. There were several other suggestions on how to promote *SACL*, including advertising in *Journal of Chemical Education*. Dr. Funke will explore the idea of advertising in several journals and newsletters. Dr. McDonald will look into communicating with the National Science Teachers Association to see how *SACL* might be promoted with that organization.

Through February 29, 2004, approximately 2400 copies of *SACL* Vol. 1 and 1100 copies of Vol. 2 were distributed. A total of 88 of the K-6 booklet have been distributed; there are still over 8000 copies of this booklet available. Almost 8000 copies of the 7-12 book are available. A table of all the publications including copies distributed and copies available is included at the end of these minutes.

4. Reports of the Subcommittees:

Safe Practices – Mr. Russ Phifer

A written report was submitted. Mr. Phifer noted that the subcommittee has recently finished several projects (the Mercury Spills booklet and the Green Chemistry / Microwave safety review), and is now identifying new areas of concern to address. Issues considered at the subcommittee meeting included a review of the ACS 2004-2006 Strategic Plan, Plant Safety/Security issues, and nanotechnology safety. Members will consider these issues for additional discussion at the meeting in Philadelphia. Any CCS members with information on nanotechnology safety should forward it to Dr. Courmoyer. Mr. Kapin is also interested in hearing from those with expertise in this area as he is involved in DivCHAS programming on the topic.

Resources – Dr. Dan McDonald

A written report was submitted. The subcommittee spent a great deal of time reviewing the public policy priorities, and has recommended some specific additional wording, which will be forwarded to Dr. Diane Schmidt.

The subcommittee will review the ACS Strategic Plan at the Philadelphia meeting.

Partnerships – Dr. Alan Hazari

A written report was submitted. The subcommittee is continually searching for additional organizations to partner with CCS on activities; various members reported on their efforts in this area. The subcommittee considered several ways to publicize the availability of *Safety for Introductory Chemistry Students*. Dr. Hazari noted that several members of the subcommittee are also members of the ACS Task Force for Safety in the Chemistry Curriculum, which will meet today in the Convention Center. Ms. Delfiner noted problems with federal legislation associated with special-need students, which often results in the elimination of laboratory-oriented classes.

5. Website Update – Mr. Erik Talley

The written report lists the various organizations which are linking to the CCS website. Erik also noted that a spam email filter has been installed. Erik challenged each CCS member to identify 10 new organizations to link to the website.

6. Reports of CCS Liaisons

Committee on Community Activities – Dr. Jack Breazeale

Dr. Breazeale announced the NCW Task Force has been disbanded and has been replaced by an “other” Board Committee – the Committee on Community Activities. The safety manual developed for National Chemistry Week is available on line. He noted that flyers are available on the Earth Day celebration. In 2005, the NCW campaign will address chemistry at home. “Air: here, there, and everywhere” is the Earth Day theme for 2005. Efforts are also being made to work with libraries on having chemistry-related books available.

Report from the CEI/CCS Task Force on Laboratory Environment, Health and Safety - Mr. Russell Phifer

A written report was included in the agenda book. The Task Force is working with other laboratory organizations on regulatory change, and continues to work with the EPA RCRA and Labs task force. Erik Talley has been appointed Chair for 2004, and Kathryn Benedict has been added as a member.

ACS Division of Chemical Health and Safety - Ms. Eileen Segal

Eileen noted that the Division will be 25 years old next year and is considering ways to celebrate this event. There will be a wine and cheese reception in Philadelphia, with a poster session on the history of chemical safety. She mentioned that DivCHAS has provided comments on the ACS Strategic Plan and has been challenged by Dr. Casey to provide programming on plant site security.

DivCHAS has developed a Mentoring Program and is soliciting volunteers to serve as mentors to younger chemists and undergraduate students, including under-represented minorities.

Eileen also noted that the next issue of CHASNotes will be the final hard-copy edition. Also, if the electronic balloting petition is passed in Philadelphia, all CHAS news will appear on the website.

The following are the award recipients for 2004:

- Howard Fawcett Chemical Health Safety Award – Dr. Thomas Goehl, Editor of Environmental Health Perspectives
- Tillmanns-Skolnick Award – Dr. Neal Langerman
- College and University Health and Safety Award – University of Massachusetts-Boston Chemistry Department

Committee on Chemists with Disabilities – Mr. Bob Gates

The committee is working on various initiatives, including a celebration of the 25th anniversary of the committee, which will be held in Philadelphia. He mentioned that recently he had the opportunity to “plan an attack on my building, as an exercise requested by the local emergency response team”. He indicated that local responders were concerned that they may be prevented from responding if there is a real emergency due to terrorism. He asked the Safe Practices subcommittee to address this concern in their study of plant safety/security issues. Bob asked about screen-reader accessibility of our web site; he wanted to know if there were policies on this, and will work with Erik Talley to look into this.

National Registry of Certified Chemists (NRCC) – Dr. Bob Alaimo

Bob noted that 8 students attended the Chemical Hygiene Officer (CHO) prep course on Saturday and 3 took the NRCC certification test on Sunday. Because of NRCC’s financial difficulties, ACS has been asked to increase it’s funding. Ruth Hathaway and Bob Alaimo are the two ACS representatives on the NRCC Board of Directors.

Committee on Committees – Dr. Herb Silber

Dr. Silber asked the committee to identify possible future members. He also noted that all Councilors should complete their committee preferences form, and if their preference is to remain on CCS they should note this. He noted there are many committees looking for members.

7. Old Business

ACS Task Force for Safety in the Chemistry Curriculum – Ms. Barbara Foster

A written report was submitted in the agenda book. Writing assignments have been made on the various topics identified.

Online Chemistry Course – “Chemical Safety: Protecting Ourselves and Our Environment” – Ms. Barbara Foster

Ms. Foster noted the course will begin this fall. Instructors will be available online to handle questions. Widener University’s website (http://science.widener.edu/svb/olcc_safety) is “hosting” the course, which is sponsored by the Division of Chemical Health and Safety and the Division of Chemical Education. The complete course outline was provided in the agenda book. Credit and grading will be the responsibility of the host schools.

Video Safety Course – Dr. Larry Funke

ACS Short Courses has made a CD from an old lab safety course to be reviewed for use with the ACS Internet Course on chemical safety. Larry had several copies for review.

8. New Business

All ACS groups have been asked to consider how to deal with potential AIChE partnership opportunities. There was some discussion on what this might include. It was clear that additional information is necessary on AIChE's structure to determine which groups within the Institute are compatible with CCS.

Dr. Alaimo has volunteered to serve as a liaison to CHAL. Others who would like to volunteer to be liaisons to committees or other ACS groups should advise Ken or Larry.

Jim Kapin asked if CCS could be considered a co-sponsor of all DivCHAS programming. Ken indicated he did not see a problem with this, and this was also the consensus of the Committee.

The meeting was adjourned at 11:22 AM.