

# ACS COMMITTEE ON CHEMICAL SAFETY (CCS)

## DRAFT (pending Committee approval) MINUTES OF MEETING

Monday, August 23, 2004

### Combined Open and Executive Session Wyndham-Franklin Hotel Philadelphia, Pennsylvania

Dr. Ken Fivizzani, Chair of the Committee, called the Fall 2004 meeting of the ACS Committee on Chemical Safety to order at 8:30 AM on August 23, 2004. The following Committee members, associates, consultants, and liaisons attended all or part of the meeting: Dr. Robert Alaimo, Mr. Jim Kapin, Dr. Arthur Marcinkowsky, Dr. Douglas Walters, Dr. Herbert Silber, Dr. Darrell Watson, Dr. Lester Bynum, Ms. Barbara L. Foster, Mr. Russell Phifer, Dr. Paul Schickedantz, Ms. Eileen Segal, Dr. Dan McDonald, Dr. Lawrence Doemeny, Dr. Pat Redden, Dr. Wayne Wolsey, Dr. Cherlynlavaughn Bradley, Mr. Bob Gates (liaison, Committee on Chemists with Disabilities), and Dr. Jack Breazeale (liaison, Committee on Community Activities). Guests included Marsha Phillips, Ann Brown and Pat Barber.

ACS staff and governance present for all or part of the meeting included Dr. Lawrence A. Funke (CCS staff liaison), and Dr. Robert H. Rich.

#### 1. Approval of Minutes

Following introduction of members and guests, the minutes of the March 29, 2004 meeting were reviewed, and approved as submitted.

**CCS2-04 - The Committee VOTED unanimously to approve the minutes of the March 29, 2004 meeting.**

#### 2. Chair's Report

Dr. Fivizzani welcomed all members, associates, consultants and guests. He noted the written report to the Board from the committee, which was submitted in Anaheim. He mentioned the current status of the *Chemical Safety Manual for Small Businesses*; a draft will be sent out by email to all members for comments, and he asks that all comments be returned to him by the end of September. Doug Walters suggested that the manual might be the basis for a symposium with the Division of Small Chemical Businesses. It is anticipated that print copies will be available by March or April of 2005.

Ken mentioned we may have to move the time and/or date of the committee meeting for the Washington meeting in 2005. There will be an all-day symposium dedicated to Plant Security and Safety on Monday.

Ken mentioned that Al Hazari distributed materials to the National Science Teachers Association in Atlanta. Al recently won the David Shirley Award, recognizing outstanding contributions to Chemistry over an extended period of time.

Harvard EH&S requested a link to the CCS Web page. Permission was granted.

Ken sent a letter to C&E News regarding the cover photo of chemist without proper eye protection.

NPR requested information regarding formulations of nail polish. Lester assisted by forwarding this request to someone who could assist.

Ken noted that Paul Schickedantz has received his ACS 50 year member recognition.

### **3. Staff Liaison's Report**

Dr. Funke provided a list of the inventory of safety books on hand. Except for the Faculty volume of SACL, there are many copies of material available. He mentioned some problems with distribution which will hopefully be corrected (some people are ordering one volume and receiving the other.) It is anticipated there will be a color change for the cover when the Faculty version is reprinted. Over \$20,000 in revenues from the sale of SACL has been received. Larry asked for ideas on how to promote all of the publications.

### **4. Reports of the Subcommittees:**

#### **Safe Practices – Mr. Russ Phifer**

A written report was submitted. Mr. Phifer noted the subcommittee's new initiative in developing a self-audit checklist for security managers at small chemical businesses and laboratory facilities. Some initial points were developed at the meeting, and we will continue to add and refine these prior to the meeting in San Diego. Anyone with suggestions should send them to Dr. Harry Elston by email.

There was significant discussion of the survey regarding industry's dissatisfaction with the level of safety training by chemistry graduates. The most logical response is additional efforts to promote safety in chemistry curricula; there are a number of initiatives in this area.

Also noted was the online safety course, which is being offered through a number of colleges and universities. Barbara Foster, who is one of the instructors, described the process and the

success the program is currently seeing. Anyone interested in more information should contact Barbara.

### **Resources – Dr. Dan McDonald**

A written report was submitted. The subcommittee has continued to evaluate aspects of the ACS Strategic Plan; areas identified include evaluation of nanotechnology and biotechnology. Several members of the subcommittee agreed to review NIH biotechnology standards to see if any practices need to be incorporated into SACL. They will also investigate interface with the Committee on International Activities to see if any research is available in Canada or other countries.

### **Partnerships – Dr. Wayne Wolsey (acting subcommittee Chair for Dr. Al Hazari)**

A written report was submitted. They addressed a number of issues, including the idea of distributing safety information in conjunction with state fairs. Cherlyn reported on the success of an ACS tent at the Illinois State Fair, hosted by 11 cooperating Illinois ACS sections, which included demonstrations, hands-on activities, and chemistry & safety information.. The outreach to K-12 science teachers was particularly successful.

## **5. Website Update**

The written report describes changes and updates since the last meeting. These include an updated Chair's message, the addition of the Safety for Introductory Chemistry Students brochure, minutes from the fall 2003 meeting, and additional external links. A Trends overview was also provided which monitors the number of site visits, and additional data. The site receives an average of 27 visits per day.

## **6. Reports of CCS Liaisons**

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

The Task Force has not been able to schedule its annual meeting yet due to financial concerns. Mr. Phifer noted that CEI has typically provided most of the funding for the Task Force despite the fact that CCS is an equal "parent". He asked that, if necessary, the Committee consider providing funding to the Task Force, which has made valuable contributions to promoting chemical safety and environmental protection since 1981, making it the oldest active ad-hoc organization within ACS.

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

CHAS, CCS, and AIChE will co-sponsor a Presidential Event on Plant Security in Washington,

D.C. The event will focus on the status of plant security in all areas of chemistry 10 years from now.

CHAS will participate in the Great Lakes Regional Meeting where Barbara Foster, Russ Phifer, and Harry Elston will be conducting workshops. Other workshops are scheduled for Peoria and Raleigh.

The Mentoring Program is on hold, pending a grant proposal.

CHAS is a finalist for the ChemLuminary Award to be presented on Tuesday night.

### **American Industrial Hygiene Association – Dr. Doug Walters**

The theme of the 2004 meeting was “Promoting Excellence”; their next meeting is in Anaheim. He was pleased to announce that the AIHA serves as the Secretariat for the ANSI ventilation committee; Louis DiBerardinis and Doug Walters have been actively involved in the new ANSI Z-95 lab ventilation standard. They were honored by AIHA due to the high sales of the standard.

### **Committee on Community Activities – Dr. Jack Breazeale**

The theme for this year is “Celebrating Chemistry: Health and Wellness.” There are a variety of community outreach activities under the auspices of this committee, which formerly handled only National Chemistry Week. Future themes are “The Chemistry of Toys” (2005) and “Your Home – It’s all Built on Chemistry” (2006). This year high school students can participate in “Chemagination” – anticipating what life will be like in 25 years. Other activities include the Society’s Earth Day celebration, which in 2005 will focus on air quality.

### **Committee on Chemists with Disabilities – Dr. Bob Gates**

The committee is celebrating its 25<sup>th</sup> anniversary at the meeting in Philadelphia.

Bob discussed ongoing concerns over the general lack of safety training at the high school and college level; industry concerns over this are apparent.

Dr. Gates would like to provide greater exposure to the availability of assistance from this Committee to chemists with disabilities. Discussion centered on ways to increase the awareness of their services.

### **National Registry of Certified Chemists – Dr. Bob Alaimo**

A written report from NRCC was provided. Bob noted that 10 students attended the DivCHAS Chemical Hygiene Officer prep course on Saturday and 8 took the NRCC certification test on

Sunday. Because of NRCC's financial difficulties, ACS has been asked to increase its funding. Ruth Hathaway and Bob Alaimo are the two ACS representatives on the NRCC Board of Directors. Gilbert Smith has indicated that several states have begun to require their staff environmental chemists to seek certifications from NRCC.

Bob noted they are seeking additional questions for the CHO exam.

## **7. Old Business**

ACS Policy Statement Development – information from the Board Committee on Public Affairs and Public Relations

The agenda book includes a page of policy-related interests of the various ACS committees. Previous pages covered all of the active ACS position statements.

## **8. New Business**

Ken noted this was his last meeting as Chair of the Committee. He thanked all of the members for their help and support. A RESOLUTION by the committee thanked him for his direction and “patience”.

The meeting was adjourned at 11:06 AM.