

AMERICAN CHEMICAL SOCIETY  
JOINT BOARD-COUNCIL COMMITTEE ON CHEMICAL SAFETY  
232<sup>nd</sup> ACS National Meeting

San Francisco, CA

Combined Open Meeting and Executive Session  
Monday, September 11, 2006 – 8:30 AM  
Hotel Nikko San Francisco  
Golden Gate Room

**CCS Mission Statement:** The Committee on Chemical Safety has as its prime responsibility the encouragement of safe practices in chemical activities. The committee serves as a resource to the chemical professional in providing advice and counsel on the handling of chemicals, and seeks to ensure safe facilities, designs, and operations by calling attention to potential hazards and stimulating education in safe chemical practices. The Committee also provides advice to other ACS units on matters related to chemical safety and health.

**MINUTES OF MEETING**

The following Committee members, associates, consultants, and liaisons attended all or part of the meeting: Dr. Alan Hazari, Ms. Barbara Foster, Mr. Erik Talley, Dr. Joseph Antonucci, Dr. David Crumrine, Dr. Laurence Doemeny, Dr. Kenneth Fivizzani, Mrs. Arleen Hitchcock, Mr. Russell Phifer, Dr. Patricia Redden, Dr. Wayne Wolsey, Dr. Robert Alaimo, Dr. Patrick Barber, Mr. David Katz, Mr. James Kapin, Ms. Marsha Phillips, Ms. Patricia Schumann, Dr. Lawrence Barton, Dr. W.H. (Jack) Breazeale, Mr. Robert Gates, Dr. Robert Rich, Ms. Eileen Segal, and Dr. Douglas Walters.

Guests who were present for all or part of the meeting included Mr. Mark Cesa, IUPAC; Mr. Michael Tinneland, ACS Education Division; Mr. Lane Hallenback, Vice President, Accreditation Services, ANSI; Dr. Dorothy Zolandz, The National Academies, Director, Board on Chemical Sciences and Technology; Dr. Linda Stroud, Science & Safety Consulting Services; Dr. David Schutt, ACS; Dr. Eric Bigham, ACS Board Oversight Group; and Dr. Robert Hill, Battelle Memorial Institute.

Dr. Alan Hazari, Committee Chair, called the Fall 2006 meeting of the Committee on Chemical Safety to order at 8:35 AM on September 11, 2006. Committee members paused to remember our friend and former committee member, Steve Sichak, Sr.

**1. Minutes of March 27, 2006 Combined Open Meeting and Executive Session**

The minutes of the March 27, 2006 Atlanta, GA, meeting were reviewed and approved, as amended.

**CCS03-2006 - The Committee VOTED unanimously to approve, as amended, the minutes of the March 27, 2006, Atlanta, GA, meeting.**

## 2. Chair's Report – Dr. Al Hazari

Dr. Hazari welcomed all members and guests.

A) **The acronyms list on page 28 was discussed by members.** Corrections included AIChE and inclusion of CCS. CMA should be replaced by the American Chemical Council (ACC). **Dr. Walters will send an updated list of acronyms to Dr. Rich.**

### B) Appointments

- Dr. David Crumrine, Chair, Resources Subcommittee
- Ms. Arleen Hitchcock, Member, Partnership Subcommittee
- Ms. Patricia Schumann, Member, Resources Subcommittee
- Ms. Marsha Phillips, Liaison to ACS WCC

### C) Presentations

- BCCE (July 2006) Poster Session at Purdue University  
“Are you practicing safe chemistry?”

- TSTA (Tennessee Science Teachers Association)  
“Celebrate Chemistry at TSTA” Day, Nov. 17, 2006 will present a talk on “Teaching with Safety”
- Reviewed ChemMatters Article “MSDS: Passport to Safety”, to be published in October 2006
- Contributed to article on laboratory safety in “Nature”, published in June 2006
- Dr. Hazari commended and thanked the members for their efforts on behalf of the committee and the ACS.
- Dr. Hazari will present a CCS report to the Council on Wednesday, September 13.
- He will distribute information at the Council meeting regarding the Spanish translation of SACL.

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

### A. Online Agenda Book

The official agenda book for this meeting has been presented entirely online. The online agenda book will remain online as a reference for the committee. Dr. Rich will post both the short and long versions of the electronic agenda book. **Please contact Dr. Rich if you would like to see any changes for our future agenda books.**

### B. Report on Distribution of Committee Publications

Dr. Rich discussed the Inventory and Sales Reports, pages 30-32 in the summary agenda book. The new Guide to Chemical Spill Response, brought over from the Office of Legislative and Government Affairs, is not listed on this report, but will be included in future reports. A total of 15 copies were sold in 2006.

### C. Reprinting of SACL, Volume 1

Due to brisk sales, the ACS reprinted 20,000 copies of SACL, Volume 1 in June 2006.

### D. OSHA Reactives Alliance

We have been a partner in the OSHA Reactive Chemical Hazards Alliance since January. Dr. Rich participated in one implementation team meeting on June 8 near DC. The supplementary

materials are in the online agenda book. This alliance is about sharing information on handling reactive chemical hazards, particularly with non-scientists.

We have invited representatives from the alliance to come to the next ACS National Meeting in Chicago. Dr. Hazari has invited them to come to our Monday morning meeting in Chicago to speak with the committee. OSHA is exploring the possibility of participating in National Meeting technical programming and they have been speaking with representatives of the Division of Chemical Health and Safety. This committee will also be sponsoring a booth in the expo hall for the Alliance to get to know ACS members and attendees better. The articles developed by OSHA have been circulated by email and were in the online agenda book. With Mr. Talley's help, we have established an alliance Web page for our site, similar to what other organizations have developed. The Implementation team suggested that our Community Activities might be a good vehicle for sharing some of the alliance's information. We have referred this idea to the Committee on Community Activities. Dr. Rich spoke with the Alliance chair, Bill Wilson of OSHA, about the possibility of appointing more volunteer members to the implementation team from ACS. It was agreed that it would help to enrich the ACS role in the alliance by appointing people directly involved in our safety and health activities, perhaps one from CCS and one from the Division of Chemical Health and Safety. It would involve a few meetings per year, which could be accomplished via conference call or in-person in the DC area. The next implementation team meeting will be held on October 12. **Dr. Barber and Dr. Antonucci volunteered to serve on the implementation team.**

#### **E. Update on interim actions on behalf of the committee**

Dr. Rich handled a variety of communications as the point of contact for the committee at ACS, including:

1. Provided information on chemicals and pregnancy for a high school chemistry teacher. The broader issue has been referred to the resources subcommittee, to consider creating a general resource on the topic.
2. Provided information to the Tulsa local section about cleaning out a high school chemistry lab.
3. Provided assistance to Mr. Gates, with regard to disposal of explosive materials.
4. Reviewed the Local Section annual report section on local safety activities
5. Sent flowers to Peg Sichak, in memory of Stephen.

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

- **Partnerships – Dr. Ken Fivizzani**

Subcommittee member attendees: Joseph Antonucci, Patrick Barber, Kenneth Fivizzani, Robert Gates, Arleen Hitchcock, Erik Talley, and Wayne Wolsey.

Other attendees: Robert Rich (ACS Staff Liaison), Alan Hazari (CCS Chair), and David Katz.

The meeting began at 7:05 PM. Committee members had a few comments about the meeting with the U.S. Chemical Safety and Hazard Board (CSB) in Atlanta. Although the consensus is that there would be benefit to working together, the CSB has not contacted us since that meeting. Perhaps CCS could help communicate to others about the CSB. Most chemists are not aware of this board. Wayne Wolsey asked if the CSB should be investigating academic accidents? Their expertise seems to be industrial situations.

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Should the committee ask C&E News to do a feature item on the CSB? Some news items mentioning the CSB have appeared in C&E News.

Should CCS get involved with ACS outreach programs to high school teachers?

Publicity – A Web-only version of Spanish SACL (Safety in Academic Chemistry Laboratories), Volume I, is now available on-line at the CCS Website. How can we get the word out about this? Having this publication posted on an English Web-site may not be as advantageous as posting on one or more Spanish Web-sites. Our intention in translating SACL was for use by Spanish-speaking schools, not English-speaking schools. Are there Spanish chemical societies? There is a Mexican chemical society. Could the ACS International Affairs Office give us a list of such societies? Our policy for all on-line CCS publications is that users can download and distribute our publications as long as they do not change the content or sell the publication. **CCS should send an item about the Spanish SACL to Cut and Paste (newsletter) as a means to communicate with ACS local sections. Dr. Hazari will write some text and send to Dr. Rich.**

*Chemical Safety for Small Businesses*, 3<sup>rd</sup> Edition – Dr. Fivizzani has finished looking over the contract editor's comments and answered her questions about content. He will send his comments to the contract editor at the end of this week.

Active Partnerships – Mr. Talley discussed how we could use the American Biological Safety Association as a resource for biological safety sections of our publications. Dr. Wolsey said that the Division of Nuclear Chemistry (NUCL) would be willing to review CCS discussions of nuclear topics to see if there were any problems. He also reported on the ACS Committee on Community Activities. The upcoming themes for National Chemistry Week are chemistry in the home for 2006, chemistry and careers in 2007, sports and chemistry in 2008, and elements in life and art in 2009. The 2007 Earth Day slogan is "Recycling-Chemistry Can."

Dr. Rich discussed ACS collaborative efforts with the Reactive Chemicals Hazards Management Alliance. The question was raised whether we could send information about this alliance to the NCW committees? Dr. Wolsey made a report on the alliance to the Committee on Committee Activities. It is not clear what information we would send out about the alliance. The thinking was that the parents of children involved in NCW might have a need for information about reactive chemicals that might be encountered in a home setting. The Reactive Chemicals Hazard Management Alliance currently has a one-day workshop on reactive chemicals and is developing their Website. Dr. Rich will recommend that some committee members participate on an implementation team. There have been three meetings/year of the implementation team; people can attend via phone conference. Dr. Rich has attended two of the recent alliance meetings and he included items of interest in the electronic CCS agenda book. The alliance's mission to communicate with the general public also fits in with some CCS goals. There are direct resources available for adults regarding safe handling of reactive chemicals. Bill Wilson (OSHA) is willing to have CCS people involved in the alliance work. OSHA views this as a vehicle to share their work with the public.

At the San Francisco meeting, there are several symposia on the topic of Recovery from & Prevention of Natural Disasters (DSTR). This topic is of general interest to several divisions. This idea of special track

symposia allows the ACS to ensure that relevant topics are covered in national meetings. All of the DSTR symposia will occur in the Moscone Center, Room 300.

All CHAS symposia will be in the San Francisco Marriott, Pacific Room A.

Sunday afternoon: awards symposium, cosponsored with PRES.

Monday morning: laboratory biosafety.

Monday afternoon: lab ventilation.

Monday evening Sci-Mix: spot the hazard.

Tuesday morning and afternoon: water decontamination procedures.

Adjournment: The meeting was adjourned at 8:15 PM.

Submitted by Ken Fivizzani, Subcommittee Chair

- **Resources – Dr. David Crumrine**

Present: David Crumrine, Laurence Doemeny, Jim Kapin, Marsha Phillips, Patricia Redden, Patricia Schumann, Eileen Segal. Visitors during the meeting included: Lawrence Barton (Liaison to CONC); Alan Hazari (CCS Chair); Robert Rich (ACS Staff Liaison); and new member, Mr. David Katz.

The updated contact lens and goggles section (by Ms. Segal) was sent to Mr. Talley for inclusion in the Website edition of SACL, however, there were questions about whether the Website should differ from the paper version. To avoid confusion, one alternative may be to add a sticker to paper versions explaining about Web updates as the paper versions are sent out.

Mr. Kapin presented drafts of three potential additions for the faculty version of SACL. The topics included: Nanotechnology and Chemical Safety Issues; a Summary of Hazardous Waste Rules and Regulations; and a Summary of Biological Safety Principles, Practices and Guidelines. The committee members will review and evaluate them before the Chicago meeting.

Dr. Crumrine offered an update on green chemistry entries for SACL. Ms. Foster's paper on the use of purpose designed chemical microwave devices instead of modified kitchen appliances is a very important resource. A survey of chemical departments might give a sense of problems with cheaper kitchen devices still in college laboratories. Dr. Redden offered to help with this.

Dr. Doemeny reported that his letter concerning possible intimidation practices in Arizona based on the 13 February 2006 note in C&E News had received no response. He also suggested that we might explore the possibility of cooperation with the AAAS Website, noting that there is a great deal of information, but no references to the American Chemical Society.

Dr. Redden commented that we need to update the video 'Starting with Safety.' She suggested that PowerPoint modules might be used for the updated version. Small video inputs could be included in

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Blackboard (a tool for distance education) in University laboratories to deliver lab safety information in smaller, more appropriate, and more economical packets.

Dr. Hazari noted that Dr. George Wahl had planned to produce safety modules. He has subsequently expressed an interest in working with us. Dr. Hazari also reminded us that the Journal of Chemical Education has prepared a Safety CD, "Chemistry Comes Alive, Volume 6." which we should review.

Dr. Rich mentioned that the possibility of an updated safety video would be discussed at the Monday Committee meeting. He suggested that the PowerPoint idea should be introduced to that discussion. He talked about licensing issues for use in University laboratories. He also addressed the question of differences between the paper version of SACL and updates on our Website.

Dr. Doemeny pointed out that the engineering community includes safety issues in ABET evaluation criteria. As a result, engineering schools have been very proactive in including safety training in the undergraduate curriculum. Should the ACS increase the safety emphasis in undergraduate certification?

The committee decided not to modify the current version of 'Safety in the Elementary Schools.' We may explore the possibility of a PreK – grade school version, but there is some feeling that this is inappropriate for that age group.

Ms. Segal discussed the National First Aid Science Advisory Board, composed of 24 respected organizations, including NSC, OSHA, and various medical organizations. The Board is investigating the first aid of chemical and thermal burns. **Members may email Ms. Segal for further information.**

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

Mr. Phifer reported that the subcommittee has completed a checklist version of the Security Vulnerability Analysis for Academic and Small Chemical Laboratory Facilities. Mr. Phifer distributed copies of this checklist to CCS members. **Members of CCS are encouraged to "try it out" at their own or other facilities.** The subcommittee is attempting to assign score ranges which would be considered good, bad, acceptable, etc. The document is available for Web publication on the CCS as currently submitted. Mr. Phifer would like to have it posted as a draft document, soliciting comments, proposed additions, and acceptable score ranges. Committee member comments included moving the hazardous materials to the top of the list and reviewing the document for applicability for small colleges.

Mr. Phifer also discussed an outline of a proposed booklet entitled Managing Chemical Wastes from High School Laboratories. This is intended to be a guideline for schools that don't know "where to start" when it comes to effectively managing their surplus chemicals and wastes. The subcommittee began to work on this booklet during its meeting on September 9 and plans to have an initial draft by the Boston meeting. **Please send all comments/suggestions regarding the draft Managing Chemical Wastes from High School Laboratories booklet to Mr. Phifer.**

The subcommittee continues to monitor nanomaterial safety information.

- **Laboratory Environment, Health & Safety Task Force – Mr. Erik Talley and Mr. Russ Phifer**

Since the Spring 2006 National Meeting, the Laboratory Environment, Health & Safety Task Force has made progress in several areas. Following is the current membership:

**Members**

Robert J. Alaimo, CEI Liaison  
Kathryn Benedict  
Jeffrey S. Brown  
James Harless  
Todd Houts  
Russell W. Phifer, CCS Liaison  
Peter Reinhardt  
Ralph Stuart  
Erik Talley, Chair  
Robert H. Rich, ACS Staff Liaison

**Consultants**

Stanley H Pine  
William Beranek

Work continues on a new version of the 1995 publication “Laboratory Waste Management.” First drafts have been received from the chapter authors. The target date to deliver the final manuscript to ACS has been delayed to 2007 due to the proposed EPA lab rule.

USEPA published a new proposed lab rule that will provide laboratories a performance-based option for compliance with EPA Hazardous Waste rules under the Resource Conservation Recovery Act. The Proposed Rule can be viewed online in Acrobat PDF format using the following link: <http://tinyurl.com/jwwpa>. The Task Force submitted an official comment to EPA, based upon their longstanding policy whitepaper on the topic.

**5. Web Site Update – Mr. Erik Talley**

The following changes were made to the ACS Committee on Chemical Safety (CCS) Website since the Spring 2006 meeting:

- Spanish SACL added
- OSHA Reactive Chemicals Alliance Web page created
- Fall 2005 National Meeting committee and subcommittee minutes added
- External links updated
- Web pages reviewed for accessibility by disabled chemists (thank you Mr. Gates for the suggestions)
- Committee membership updated

A review of other sites linked to the CCS site found 256 web pages linked to <http://membership.acs.org/c/ccs> pages (increase from 117 links reported at the Spring 2006 meeting) and 48 pages linked to <http://chemistry.org/committees/ccs> (increase from 31 links reported at the Spring

2006 meeting). Information about the CCS website with a request to link to the site was sent earlier this year to all Divisions and Sections which may have accounted for the very large increase in links.

Please forward ideas or additional materials to be placed on the CCS Website to [ert2002@med.cornell.edu](mailto:ert2002@med.cornell.edu).

Dr. Rich discussed the [www.myacsweb.org](http://www.myacsweb.org) site. The ACS Web presence is maintaining a booth at the Moscone Center to demonstrate this site.

## 6. Reports of CCS Liaisons

Dr. Hazari, to save time during the CCS meetings, suggested that the non-ACS liaisons present their reports to the Partnership subcommittee. Members discussed this issue.

### ◆ ACS Division of Chemical Health and Safety – Ms. Eileen Segal

The division discussed the planning of an organized Strategic Planning meeting during the Chicago Meeting. CHAS was mentioned in over 100 national media outlets following the Heathrow incident. CHAS has formed a Speakers Bureau. Members encouraged to contact Mr. Phifer if interested in utilizing the CHAS Speakers Bureau.

Dr. Rich asked Ms. Segal to inquire if anyone from CHAS would be interested in working with the OSHA Alliance Implementation Team.

### ◆ American Industrial Hygiene Association (AIHA) – Dr. Doug Walters

Dr. Walters reported on the latest National American Industrial Hygiene Conference and Exposition that was held in conjunction with the Vent 2006 meeting in Chicago, IL, May 13-18, 2006. The next AIHce is in Philadelphia, PA, June 2-7, 2007 and the theme is “Sparking Tradition With Invention.” The theme of the 2006 AIHce was “Reaching New Heights.” It is important to note that the 8th International Ventilation Conference, “Vent 2006,” took place concurrently with the AIHce. Attendees had access to both conferences. Vent 2006 featured practical applications for emission and exposure control and was held May 14-16, 2006. About 10,000 international health and safety and ventilation professionals attended these meetings.

Jeff Burton, PE, CIH and past AIHA Chair was the National Chair for Vent 2006 and is the 2006 recipient of the CHAS Howard Fawcett Award. Vent 2006 symposia of particular interest were those on Standards and Codes, Local Exhaust Ventilation Systems: Hoods, and CFD for R&D. In addition there were six professional development courses on ventilation, extensive exhibits, and more than 100 technical presentations. Similarly, the AIHce meeting included several symposia specific to Laboratory Health and Safety concerns. Lou DiBerardinis of CHAS has taken over as Chair of the ANSI Z9 Ventilation Committee, which includes oversight of the sub-committees that include Z9.5 Laboratory Ventilation. A new ANSI/AIHA Committee has been formed on laboratory decommissioning. The AIHA Laboratory Health and Safety Committee met and continues to be the focal point for AIHA efforts in that area. The LHAS Web site is: [url:http://www2.umdnj.edu/cohssweb/aiha](http://www2.umdnj.edu/cohssweb/aiha). The Web site contains a wealth of information. The Laboratory Health and Safety Committee also has a listserv, LHSC, which is open to persons interested in laboratory safety issues. Membership on the committee is not required. To subscribe, write to [lhsc-list-subscribe@yahoogroups.com](mailto:lhsc-list-subscribe@yahoogroups.com) and request to be added. For those interested in health and safety international concerns, the AIHA International Affairs Committee (IAC) runs a very active listserv at: <http://groups.yahoo.com/group/europeansc/>

◆ Committee on Community Activities – Dr. Jack Breazeale and Dr. Wayne Wolsey

There will be a vote at Council Wednesday concerning the status of the Committee on Community Activities, CCA, currently classified as an other board committee. Vote to make it a joint council committee. The CCA announced the 2006 theme for National Chemistry Day, “Your Home-It’s All Built on Chemistry.”

The National Earth Day will feature a recycling theme, “Chemistry Can.”

Dr. Wolsey made a presentation on the Reactives Alliance at the CCA meeting.

◆ Committee on Chemists with Disabilities – Mr. Bob Gates

Mr. Gates thanked the committee members for their immediate responses regarding his explosives inquiries. The CCD Web presence will soon change and Mr. Gates has been working with Mr. Talley to ensure that it will be accessible to all members.

▪ Women Chemists Committee – Ms. Marsha Phillips

Ms. Phillips attended the WCC meeting, held on September 9, 2006. She discussed their mission statement and reported that the Women Chemists Committee is involved in diversity, mentoring, and networking.

Ms. Phillips spent time with each of the WCC subcommittees. Their members indicated that they want to work with CCS. They expressed interest in recruiting teachers and students into full membership as part of their diversity.

Members of WCC suggested that WCC and CCS co-organize a workshop or Symposium at a national meeting.

Ms. Phillips read aloud a document that was forwarded to her from Ms. Delfiner regarding the New York State Laboratory Safety Initiatives in the K-12 Classroom.

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

The Board of Directors of the NRCC (National Registry of Certified Chemists) met in Chicago, IL on July 24. As one of the ACS representative Board members, Dr. Alaimo attended via conference call and filed this report to DivCHAS, CCS, and CEI. As reported last year, The NRCC is back on solid financial footing as a result of the reinstatement of ACS support. A program has been established for continuation of support. Again, thanks go out to Helen Free, Ned Heindel, Diane Schmidt, and Stan Pine for adding their support to the Alaimo/Hathaway push for the restoration of financial backing by ACS.

NRCC certification exams have been administered during the first seven months of 2006 at: McMinnville, OR; Pittsburgh, PA; Augusta, ME; Atlanta, GA (ACS meeting); Cedar Rapids, IA; Jacksonville, FL; Framingham, MA; Orange, TX; and Chicago, IL (AACC meeting). Exams are scheduled during the last five months of 2006 at: Memphis, TN; San Francisco, CA (ACS meeting); Tucson, AZ (Regional ACS meeting); Camp Zama, Japan; and Toronto, Ont. Canada. Other sites and dates may be added.

A workshop on writing multiple-choice questions was held for members of the NRCC

Board of Directors in Chicago, IL, on July 24, 2006. Many new questions have been added to item banks. New versions of exams are being developed for use in the near future. **If any member of the committee would be interested in writing questions for inclusion in the CHO exam question database, contact Bob Alaimo ([Alaimo@surewest.net](mailto:Alaimo@surewest.net))**

A poster on NRCC Certification of Chemical Hygiene Officers was developed by Dr. Russell N. Vernon, and was presented in July 2006 at the annual meeting of the Campus Safety Health and Environmental Management Association (CSHEMA, a Division of The National Safety Council). A training workshop on “How to be a More Effective Chemical Hygiene Officer” was presented by Mr. Phifer at the San Francisco meeting and the certification exam was offered, as well.

#### 7. Old Business

- Dr. Dorothy Zolandz presented a PowerPoint overview on the status of the update of the safety reference book, Prudent Practices in the Laboratory: Handling and Disposal of Chemicals.
- Dr. Fivizzani reported on the status of the manual, “Chemical Safety Manual for Small Businesses.”
- Mr. Talley discussed the Spanish translation of SACL and thanked the members for their assistance in finding Spanish-speaking reviewers. Promotion of this publication was discussed.
- Dr. Rich discussed the proposed update of the ACS video, “Starting with Safety.” He mentioned that a revision of this type can be very expensive. The committee will have to submit a proposal to B&F to make this happen. **Dr. Redden (Chair), Dr. Hazari, Dr. Doemeny, Dr. Fivizzani, Mr. Phifer, Mr. Katz, and Dr. Breazeale have volunteered to serve on a task force to work on this project.** Mr. Michael Tinnesand, ACS Education Division, discussed the history of this video and mentioned that this video is now available (only on DVD) at ~\$90.00 per copy. Mr. Tinnesand will advise the Task Force.

#### 8. New Business

- Dr. Eric Bigham, ACS Board Oversight Group, presented an overview on ACS Leadership Development.
- The committee discussed the distribution of free CCS publications to committee members
  - We are currently providing ~2000 free publications to members. (SACL represents ~ 1/2 of all requests.)
  - Members discussed the option of taking one free copy and providing the link to the electronic version to teachers and workshop participants.

**CCS04-2006 - The Committee VOTED to limit the number of free publications per member to 50 copies per publication, per year. MOTION CARRIED.**

- Mr. Lane Hallenbeck, ANSI Vice President, Accreditation Services, discussed the American National Standards and Standards Development Participation and invited participation by the committee members.

- Dr. Rich discussed the ACS Strategic Plan 2007-2009. He encouraged members to read the plan and offer comments to [strategicplan@acs.org](mailto:strategicplan@acs.org). It was noted that the plan does not specifically mention “safety.” Members discussed where safety could be inserted into this plan. Suggestions included:

The committee discussed possible changes to suggest for the plan. **Members are encouraged to send all additional comments to Ms. Foster and Dr. Hazari ASAP via email.**

### **9. Information Items**

Dr. Fivizzani informed the members of a planned grand opening symposium on Sustainability that is being planned for the Chicago meeting, possibly to be held on Monday morning. The schedule is not set at this time, but Dr. Fivizzani will contact Dr. Hazari and Dr. Rich when the schedule is confirmed so that the CCS meeting can be rescheduled.

Dr. Hazari briefly discussed the Old Medicines Pamphlet.

The meeting adjourned at 12:20pm.

### **Next Planned Meeting of the Committee:**

Monday, March 26, 2007 – 8:30 AM to 12:00 Noon in Chicago, IL. There is a possibility of rescheduling the meeting in the event of a major symposium at the same time.

**Meeting minutes prepared and submitted by Barbara L. Foster.**