Proceedings Note:
Recurring items formerly in the Proceedings such as Lending Library contents and membership forms are now found on the CAT website.
Presentations from the June meeting were published on the web site shortly after the meeting.

Reminder: CAT Website Features
Home page: http://www.cal-tox.org
- Contains links to SOFT employment listings, CAT Forum, CCI courses and the searchable CAT Online Toxicology Literature Review.
- Updated information for the next CAT meeting and its program.
- Contact information for the CAT office, board members and chairs.

Proceedings Page: Members-only access to the Proceedings and scientific presentations.
You must enter the password “ctox” (lower case, no quotes) to access electronic copies of the Proceedings and previous scientific presentations from CAT meetings.
ATTENTION MEMBERS

Effective April 15, 2004, the California Association of Toxicologists office will be relocating. The new address and phone number are:

California Association of Toxicologists (CAT)
4951 Flower Court
Rohnert Park, CA 94928
(707) 576-2415

Please send all correspondence, annual dues payments, and meeting registration to this new address. The new California Association of Toxicologists website is located at www.cal-tox.org. Please bookmark this site location and use the contact CAT link anytime you want to update your membership information, ask questions, and/or contact Board members or committee chairs.

CAT OFFICERS FOR 2004-2005

President Sarah Kerrigan (713) 868-2440
Immediate Past President Jim Meeker (731) 425-6469
Vice President Dan Anderson (323) 343-0530
Secretary/Membership Greg Priebe (707) 576-2415
Secretary/Proceedings John Hughes (925) 924-5209
Treasurer Kristina Fritz (323) 343-0530
Member-at-Large North Dan Coleman (916) 227-3620
Member-at-Large South Tiffany Kuwahara (562) 940-0158

COMMITTEES AND CHAIRS

AACC ACCENT Credits
Kenton Wong (650) 312-5306

Membership
Greg Priebe (707) 576-2415

Drugs & Driving
Janet Seaquist (805) 662-6804
and
Anne ImObersteg (408) 272-5696

New Drugs
Dan Anderson (323) 343-0530

Quality Assurance
Dan Anderson (323) 343-0530

Forensic Alcohol Advisory
Halle Weingarten (408) 274-0696

Research Grant
Rob Fitzgerald (858) 552-8585, ext 7761

Future Meetings and Short Courses
Paul Sedgwick (714) 834-6351

Toxicology Literature Review
Rodger Foltz (801) 268-2431

Legislative Liaison
Anne ImObersteg (408) 272-5696

Vendor Liaison
Michelle Sandberg (323) 343-0530

Lending Library
Cathy Hamm (858) 694-2909

CAT Office:
California Association of Toxicologists
4951 Flower Court
Rohnert Park, CA 94928
(707) 576-2415

CAT Website: www.cal-tox.org
**QUARTERLY WORKSHOP AND MEETING**
Friday, September 24 and Saturday, September 25, 2004

**Important Pre-Registration and Hotel Information**

Pre-registration deadline for the workshop and quarterly meeting is September 10, 2004. Both the correct payment in full and the pre-registration form must be received by September 10, 2004 to avoid the late fee and ensure that lunch is included. Do not fax "intent to register". Whether or not a late fee is assessed depends on the date that the form and payment are received. Payment by mail must be check or cash – **NO credit or ATM cards are accepted**. Make check payable to "CAT". **Pre-registration received after September 10, 2004 is charged a $10 late fee per session.** Payment cannot be refunded for cancellations received after September 10, 2004. There is no written acknowledgement of pre-registration prior to the meeting unless a self addressed and stamped envelope accompanies the payment.

**For pre-registration:** Mail the Quarterly Meeting Pre-Registration Form below and payment by Sept. 10, 2004 to:

CAT ASSISTANT: 4951 Flower Court, Rohnert Park, CA 94928

**NOTE the new CAT office address, and that members must register for EACH DAY of the meeting (see below)**

**Hotel Accommodations:** The meeting will be held at the Tempe Mission Palms located at 60 East Fifth Street in downtown Tempe, Arizona, just 10 minutes from the airport. The discounted CAT conference rate is $135/night for single/double. All room reservations must be placed before August 24, 2004, for guaranteed rate and availability. Please identify yourself as attending the California Association of Toxicologist Meeting. For reservations call (800) 547-8705. For additional information visit:  [www.missionpalms.com](http://www.missionpalms.com)

**Airfare Discount:** The meeting host has arranged for convention rate discounts on airfare on America West Airlines, the most convenient carrier for the meeting. The discount is 5% off lowest published fare, 10% off Y6, Y6Q, YUP6, or YUP6Q or first class fares, and an additional 5% off if booked more than 60 days in advance. You can use these discounts online at: [www.americawest.com](http://www.americawest.com) by clicking on Air Reservations from the main page, and entering AP4615 in the Certificate box (AP4615T if booking 60 days in advance). Otherwise, specify "convention contract rate" to the travel agent making your reservations, and use the discount codes given.

**Directions from Phoenix Sky Harbor International Airport:** Start out going east on E SKY HARBOR BLVD toward Highway 20 (2.2 miles). Take the PRIEST DR ramp toward CENTER PKWY (0.4 miles). Turn RIGHT onto N PRIEST DR (0.5 miles). Turn LEFT onto W RIO SALADO PKWY (1.3 miles). Turn RIGHT onto S MILL AVE (0.2 miles). Turn LEFT onto E 5TH ST. Turn LEFT into The Tempe Mission Palms Hotel entrance.

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**CAT WORKSHOP AND QUARTERLY MEETING REGISTRATION FORM**

**Workshop:** SSRI Drugs, Friday, September 24, 2004

- ( ) $60.00 Pre-registered CAT Members ($70.00 after September 10, 2004)
- ( ) $30.00 Pre-registered CAT Emeritus/Student Member ($40.00 after September 10, 2004)
- ( ) $80.00 Pre-registered Non-CAT Member ($90.00 after September 10, 2004)

**CAT Quarterly Meeting Workshop:** Poisons and Venoms of the Southwest, Saturday September 25, 2004

- ( ) $60.00 Pre-registered CAT Members ($70.00 after September 10, 2004)
- ( ) $30.00 Pre-registered CAT Emeritus/Student Member ($40.00 after September 10, 2004)
- ( ) $80.00 Pre-registered Non-CAT Member ($90.00 after September 10, 2004)

Enclosed is the total pre-registration of $__________

Name: ____________________________ 
Professional/Business Affiliation: ____________________________

Address: __________________________
City/State/Zip: __________________________

Phone: ____________________________
Friday, September 24, 2004 – Workshop: SSRI Drugs

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<thead>
<tr>
<th>PRELIMINARY AGENDA</th>
<th>0730-0800</th>
<th>Registration and Continental Breakfast</th>
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<tr>
<td></td>
<td>0800-0815</td>
<td>Introductions</td>
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<tr>
<td>0815-1015</td>
<td>Alphonse Poklis, PhD, VCU</td>
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<tr>
<td></td>
<td>• Pharmacokinetics of SSRI’s focusing on the p450 isozymes</td>
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<td>1015-1030</td>
<td>BREAK</td>
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<td>1030-1230</td>
<td>Pam Potter, PhD, MWU</td>
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<tr>
<td></td>
<td>• Comparison of SSRI’s with other classic antidepressants (prelim title)</td>
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<td>1230-1345</td>
<td>LUNCH</td>
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<tr>
<td>1345-1545</td>
<td>Martha (Martie) Fankhauser, M.S. Pharm., FASHP, BCPP, Clinical Associate Professor, The University of Arizona College of Pharmacy, Tucson, Arizona</td>
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<tr>
<td></td>
<td>• Pharmacology of Serotonin Reuptake Inhibitors: Clinical Uses, Adverse Effects and Comparison of Agents</td>
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<td>1545-1600</td>
<td>BREAK</td>
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<tr>
<td>1600-1700</td>
<td>John Musselman, Phoenix PD-topic TBA</td>
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Saturday, September 25, 2004 – Quarterly Meeting and Workshop: Poisons and Venoms of the Southwest

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<tr>
<th>PRELIMINARY AGENDA</th>
<th>0730-0800</th>
<th>Registration and Continental Breakfast</th>
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<tr>
<td></td>
<td>0800-0930</td>
<td>Business Meeting</td>
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<td>0930-0945</td>
<td>BREAK</td>
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<tr>
<td>0945-1115</td>
<td>Craig Ivanyi, Chief Curator, Arizona-Sonora Desert Museum, Education/Outreach Chair, AZ PARC (Partners in Amphibian and Reptile Conservation)</td>
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<td></td>
<td>• Living with Venomous Reptiles &amp; Invertebrates in the Southwest - How to avoid bites &amp; stings; what to do if you are bitten/stung; signs and symptoms of envenomation.</td>
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<td>1115-1130</td>
<td>BREAK</td>
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<tr>
<td>1130-1230</td>
<td>Ernest Jimenez, University Medical Center, Dept. Clinical Pathology</td>
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<td>• Toxicology – Venoms and the Laboratory</td>
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<tr>
<td>1230-1345</td>
<td>LUNCH</td>
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<td>1345-1545</td>
<td>Lyn Kogler, Criminalist, Scottsdale PD Crime Lab</td>
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<td></td>
<td>• Poisonous plants of the Southwest</td>
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<td>1545-1600</td>
<td>BREAK</td>
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<tr>
<td>1600-1700</td>
<td>Ernest Jimenez, University Medical Center, Dept. Clinical Pathology – Toxicology</td>
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<td></td>
<td>• Jimson Weed (Datura) – General Toxicology and Case Studies</td>
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THANKS TO VENDORS!

A sincere thank-you goes to our vendors for their support at the June 2004 meeting in Pasadena, which generated $5250.00 in vendor revenue. An additional thanks to Jim and Christina Plutchak of UTAK Laboratories Inc. for co-hosting the Martini Night, and Michael Vincent and James Soares of Immunalysis Corporation for hosting Friday’s lunch. Attendees participated in a “Mystery Vendor” quiz, and the 3 lucky raffle winners received a $50.00 gift certificate to www.amazon.com.

When you are considering new technology in your laboratory, please give our June 2004 sponsors an opportunity to assist you:

✓ Venture Labs
✓ LECO Corporation
✓ Utak Laboratories, Inc.
✓ Perkin Elmer Instruments
✓ Immunalysis Corporation
✓ Cerillant
✓ United Chemical Technologies

CAT RESEARCH ASSISTANT GRANT

The California Association of Toxicologists has made available $2,500 for a Research Assistance Grant. This grant is intended to fund research projects in the area of clinical and forensic toxicology. In addition, up to $500 is available for travel expenses to recipients of the grant who will be expected to present their findings at a future CAT meeting. For further information, contact the Chair of CAT Research Assistant Grant by fax, mail or e-mail at the address below.

Robert L. Fitzgerald, Ph.D.
VAMC-113
3350 La Jolla Village Drive
San Diego, CA 92161
Ph: (959) 552-8585, ext. 7761 / Fax: (858) 642-6304
E-mail: rlfitzgerald@vapop.ucsd.edu
CAT QC/QA SPECIMEN SURVEY

The QC/QA program exists because of strong involvement with 38 laboratories over 14 different states participating in this unique inter-laboratory exchange proficiency program. It has become a way for host laboratories to test participants on problematic analytes or a way to introduce new drugs or trends that they are experiencing in their geographical region. There is minimal amount of work involved with hosting a proficiency sample and volunteers are obviously needed to keep this program striding in the right direction. If you are interested in hosting a survey or participating in the CAT proficiency sample, please contact:

DAN ANDERSON
Ph: (323) 343-0530
E-mail: danderson@coroner.co.la.ca.us

How Can I Join?

1. Your laboratory must be in the US or Canada
2. The analyst (or at least one member of the laboratory) must be a member of the California Association of Toxicologists (CAT).
3. Turn in the half-sheet below to Dan Anderson (Quality Assurance Chair, CAT).

DAN ANDERSON
Los Angeles County Dept of the Coroner
1104 N Mission Rd
Los Angeles, CA 90033
Ph: (323) 343-0530 / Fax: (323) 225-2235
E-mail: danderson@coroner.co.la.ca.us

YES, I wish to join the CAT Survey. My laboratory analyzes:

☐ Urine     ☐ Serum     ☐ Whole Blood
☐ Drugs of Abuse     ☐ Broad Spectrum Screening

Name: ________________________________
Lab: ________________________________
Address: ________________________________
Phone No: _______________  FAX: _______________

☐ I am not a member of the CAT. I have attached an application form.*

*A Membership Application Form and explanation of membership requirements is enclosed in this Proceedings; see "Forms."
FUTURE MEETINGS

• 2004 FBI Forensic Toxicology Symposium & Joint Meeting of the Society of Forensic Toxicologists (SOFT) and The International Society of Forensic Toxicology (TIAFT)
  August 28 – September 3, 2004
  JW Marriott Hotel on Pennsylvania Avenue
  Washington, DC
  Last day for online registration: July 1 www.soft-tox.org

CONTACT:
  Marc A. LeBeau
  Federal Bureau of Investigation
  FBI Laboratory
  Ph: (703) 632-7408
  Fax: (703) 632-7411
  Email: milebeau@fbi.gov

California Association of Criminalists:
The Ventura County Sheriff’s Department Crime Laboratory will be hosting the Fall 2004 meeting of the California Association of Criminalists, October 25-29, 2004, at the Ventura Beach Marriott Hotel.

A two-day Drugs and Driving Workshop will be presented by Sgt. Thomas Page and Dr. Marcelline Burns. The workshop will be of interest to both new and experienced toxicologists. Segments include DUI detection, Drug Recognition Evaluation, Impairment, Courtroom Issues between incident reports and toxicological findings, Standardized Field Sobriety Tests, case studies, and a controlled study of alcohol-dosed subjects.

More information and registration materials will be available at the California Association of Criminalists website, www.cacnews.org.

Future CAT MEETINGS:

• Sept 24-25, 2004 (two day meeting)
  Melinda Raines, Arizona Department of Public Safety
  SSRI Workshop
  Tempe Mission Palms ($139/nt)

• March 11-12, 2005 (two day meeting)
  Kenji Ota and Dan Coleman, California Department of Justice
  Workshop tentatively “Medical Conditions Affecting DUI”
  Embassy Suites, Sacramento

• Summer 2005 (two day meeting)
  Janice Deggendorf, Orange County Sheriff-Coroner
  Orange County, CA

• Winter 2005 (two day meeting)
  Jim Bourland, APL
  Alternative Matrix Workshop
  Las Vegas, NV (tentative)

• Spring 2006 (two day meeting)
  Cathy Hamm, San Diego Medical Examiner’s Office
  Workshop TBA
  San Diego, CA

BOARD OF DIRECTORS MEETING

June 18, 2004, Pasadena, CA

The meeting was called to order by Past President Dea Boehme on behalf of President Jim Meeker who was unable to attend. The following were present in addition to Dea: John Hughes, Kristina Fritz, Daniel Coleman, Tiffany Kuwahara, Dan Anderson and Michelle Sandberg. Also in attendance was local meeting host Kristina Takeshita with colleagues Jose Gonzalez, Negin Aghdaie and Tatiana Garcia.

Updated versions of the CAT Meeting Host Guidelines, Bylaws and Policies and Procedures were distributed to board members. Many thanks are due to VP Sarah Kerrigan for updating these important documents and providing nicely bound copies.

John Hughes presented a proposal from CAT Assistant Lyn Alkan to obtain a dedicated phone line for CAT so that the number will be answered professionally, “Calif Association of Toxicologists” rather than their personal answering machine message. A line for incoming calls only (with per-minute charges for outgoing calls, which would be little used) would have the following costs:

Non-recurring installation charges:
  activation 33.01
  Line installation 120.00
  Rebate on line installation 60.00
  Net installation cost $93.01

Monthly charge, incl wire maint 13.69
Annual cost of line $164.28

As it was determined that in the absence of President, VP, Treasurer, and Membership Sec’y, we probably did not have a quorum, the vote on this proposal was tabled and John Hughes instructed to obtain a vote of the full Board by email. The results of this vote are in the Addendum to the meeting minutes.

Dan Anderson on behalf of treasurer Kristina Fritz, who could not attend, presented the financial results for the March meeting, which showed a profit of $7064. The meeting included $7100 in vendor support and two $500 speaker expense reimbursements. There was a brief discussion of trying to schedule meetings to maximize attendance, i.e. not in late June due to low attendance, not in November due to proximity to SOFT, etc.

The board members present voted to recommend approval at the business meeting of Full Member Jaime Lintemoot of the LA County Coroner lab.

Proceedings Secretary John Hughes reported that although the mailed Proceedings for the March meeting were exceedingly late due to the tumult of the office change, the June meeting notice, registration and preliminary program were posted in a timely fashion on the website. The September meeting info is already there.

The cost of the Proceedings has been reduced by about 2/3 over the past year by moving the presentations to the website. The cost will be further reduced by moving recurring items like the Lending Library listing and membership forms to the website as well after this meeting. Lyn Alkan, the new CAT
Assistant, will also be reformatting the Proceedings into a newsletter style like the SOFT publication, further reducing printing and mailing costs.

A discussion of CAT mailings included the point that only about 10% of dues notices returned thus far indicated a requirement for receiving paper Proceedings. It was pointed out that eliminating regular mailings to members is not a good idea, as the organization can lose touch with members who do not regularly visit the web site. Therefore, CAT will do quarterly mailings combining Proceedings and meeting notices, beginning with the September meeting mailing/June proceedings.

Dan Coleman (Member-at-Large North) and Tiffany Kuwahara (Member at Large South) gave summaries of their reports. Their full texts will be included in the Proceedings.

Michelle Sandberg (Vendor Liaison) reported that vendor support for this meeting was so far $5750 for 7 vendors. A typical baseline for most meetings has been about $4000.

The planned costs for the September meeting appear to be good, and meeting host Melinda Raines of Arizona DPS has arranged for a conference rate for America West flights. John Hughes will post this information on the website in the meeting announcement.

Melinda requested an opinion from this meeting about a casino night activity. The consensus of the attendees was that the high cost quoted from one provider was probably not justified, as it would cause the meeting to result in a net loss.

Research Grant chair Rob Fitzgerald sent a grant proposal for consideration. The lack of detail in the proposal led the attendees to recommend that this proposal not be granted unless additional study details are added, and to solicit and consider more worthwhile projects.

The meeting was adjourned at 8:15 pm.

Addendum to Board Meeting Minutes:

A vote by email was carried out during the week of July 5, regarding the proposal for the CAT office obtaining a dedicated phone line for CAT incoming calls and messages. The vote of the 2004-2005 board was in favor of doing so, with only 1 “no” vote. John Hughes will notify the CAT Assistant to proceed with obtaining a line and number, and the change will be noted in the Proceedings and on the website.

Respectfully submitted,
John Hughes
Recording Secretary/Proceedings Editor

BUSINESS MEETING

June 19, 2004, Pasadena, CA

The meeting was called to order at 8:30 am by Past President Dea Boehme, President Jim Meeker and VP Sarah Kerrigan being unable to attend.

Dea presented the slate of officers nominated for election for the 2004-2005 membership year. The slate was approved by a voice vote with no opposing votes:

President Sarah Kerrigan
Vice President Dan Anderson
Secretary Membership Greg Priebe
Secretary Proceedings John Hughes

Treasurer Kristina Fritz
Member-at-large, N Dan Coleman
Member-at-large, S Tiffany Kuwahara

Dea on behalf of Membership Secretary Greg Priebe presented a candidate for CAT membership. A show of hands vote approved the following:

Full Member:

Roster Information
Members Name: Jaime Lintemoot
Name of Business: Los Angeles County Dept of Coroner
Business Address: 1104 N Mission Rd
Los Angeles, CA 92656
Business Title: Senior Criminalist
Business Phone: (323) 343-0530
Fax: (323) 222-5171
E-mail: jlintemoot@lacoroner.org
Mailing Address: 1104 N Mission Rd
Los Angeles, CA 92656

Dea announced the completed revisions of the CAT Bylaws and Policies and Procedures manuals, copies of which are available to any member. She reminded the members of the change in CAT Office and CAT Assistant, and reported the upcoming change of the Proceedings to a more compact newsletter format like that of SOFT.

Dea began a discussion of SB1623, the Calif Senate bill to remove the Dept of Health Services as forensic alcohol oversight agency.

Member-at-Large North, Dan Coleman, who will also be hosting the March 2005 meeting in Sacramento, continued the discussion of SB1623. He announced that CCI will offer a clan lab class in September. He also mentioned the next CAC seminar on October 25, hosted by the Ventura County Sheriff’s Office, and solicited member feedback on necessary training or classes.

Dan presented MAL-S Tiffany Kuwahara’s notice on the standardization of sexual assault kits for toxicology.

Bob Taylor presented CACLD’s efforts and encouraged member input.

Michelle Sandberg (Vendor Liaison) thanked the vendors for their support of the meeting, and conveyed their positive feedback on member interaction with the vendors.

Treasurer Kristina Fritz, who was unable to attend, sent the financial report for the March meeting which was presented by Michelle Sandberg (net income of $7064).

Quality Assurance Chair, Dan Anderson, presented the results of the last two CAT Surveys (details to be published in the Proceedings).

The meeting was adjourned to the scientific sessions at approximately 9:15 am.

Respectfully submitted,
John Hughes
Recording Secretary/Proceedings Editor

Thanks to Dan Coleman for taking the meeting minutes!
The California Association of Toxicologists Proceedings Vol. 32:2 (June 2004)

TREASURER’S REPORT

Presented by Kristina Fritz

WORKSHOP & QUARTERLY MEETING
June 25-26, 2004

Income
Pre-Registration 9,025.00
On-Site Registration 1,030.00
Vendor Support 7,100.00
Friday eve sponsor 1,000.00
Total Income $18,155.00

Expenses
Hotel Costs 8,916.14
Speakers 1,000.00
Speaker gifts 567.22
Vendor Coordinator 341.00
Vendor incentive and supplies 170.65
AACC Activity Fee 95.00
Total Expenses $11,090.61

Income Less Expenses
$ +7064.39

CAT TOPICS – OFFICER AND COMMITTEE REPORTS

Report from Vice President – Sarah Kerrigan
A number of CAT documents were updated and distributed to committee chairs and officers in hardcopy and electronic form. These include the Policies and Procedures Manual, Guidelines for Hosting Meetings and Workshops, and the Bylaws. The main changes were administrative in nature: changes in the number of meetings held each year, updating committee information, and updating procedures for meeting hosts.

Report from Member at Large North – Dan Coleman

CCI Liaison
The CCI Users’ advisory board meeting scheduled for June 29 is likely canceled due to budget constraints/lack of interest.

Do the members feel there is a need for toxicology courses? What is the demand? I would be happy to hear from members with ideas or interest in courses to be offered. I have received no feedback thus far.

Miscellaneous
SB 1623 has been recently introduced. This bill would allow ASCLD certified labs in the state to obtain licenses from DHS, allow ASCLD inspections to substitute for DHS, sets up a review committee (on which the CAT will be represented) for complaints, allow ASCLD proficiency program. A statement of CAT’s support for this bill has been requested.

Report from Member-at -Large South – Tiffany Kuwahara

1) The State of California is in the process of updating and standardizing our sexual assault kits. Improvements towards the collection and preservation of urine for tox. analysis is currently being evaluated. I will discuss the possible changes at the business meeting.

2) Senate Bill 1623 - regarding Forensic Alcohol, Department of Health Services and ASCLD/LAB.

Report from Past President Dea Boehme
Laboratory accreditation and licensing continued to be explored by various regulatory, government and accrediting bodies. California SB 1623, which would eliminate the California Department of Health Services from oversight and licensing of crime labs for performance of alcohol testing on blood, breath, and urine samples passed out from the Assembly Health Committee on June 8, 2004, and is now headed to the Assembly Appropriations Committee.

ASCLD/LAB (which supports SB1623) is now offering its participating laboratories the option to accredit under its Legacy program or its International Program. The International Program is based on compliance with ISO/IEC17025 requirements(1999 and future) plus supplemental requirements based upon ASCLD/LAB Legacy Program and ILAC, Guide 19-Guidelines for Forensic Sciences Laboratories. This program is still being developed. Currently there are 32 ASCLD/LAB accredited laboratories in California.

COMMITTEE REPORTS

Report of the Forensic Alcohol Advisory Committee
Halle Weingarten

As reported several months ago, SB 1623 is making its way through California State Legislature. It has been passed by the Senate and is now in Assembly, where it was heard in Health Committee on June 7. The next step for this bill is to be heard in Appropriations Committee, and from there to a full Assembly vote. It is unclear whether the bill, as heard in Health Committee, will be amended. For simplicity, the bill analysis generated by the Assembly is excerpted:

SUMMARY:
Eliminates the licensing and regulatory authority of the Department of Health Services (DHS) over laboratories that perform blood, urine, tissue or breath testing for law enforcement for determining the concentration of ethyl alcohol in the blood of individuals involved in traffic accidents (forensic alcohol analysis). Specifically, this bill:

1) Prohibits DHS from requiring laboratories that conduct forensic alcohol analysis to be licensed.

2) Requires laboratories to ensure that breath alcohol instruments and calibrating devices used in testing are listed in the conforming products list in the Federal Register by the National Highway Traffic Safety Administration of the United States Department of Transportation.

3) Requires all laboratories to follow the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB) guidelines for proficiency testing.

4) Requires DHS to establish a review committee on or before July 1, 2005, as specified, to evaluate the regulations and determine revisions that will limit those regulations to those that the committee determines as reasonably necessary to ensure the competence of laboratories and employees. Requires DHS to adopt the review committee's revisions.

5) Requires that the review committee consist of seven members, with one representative from each of the following: prosecuting attorneys, law enforcement
agencies, defense attorneys, coroners, pathologists, or medical examiners, criminalists, toxicologists and crime laboratory directors.

6) Requires laboratories performing forensic alcohol analysis to comply with regulations governing forensic alcohol analysis as they exist on December 31, 2004 and until such regulations are revised and adopted by DHS pursuant to the review committee’s evaluation.

EXISTING LAW:

1) Requires forensic alcohol analysis to be performed only by a law enforcement laboratory approved and licensed by DHS.

2) Requires DHS to: a) license forensic alcohol laboratories; b) adopt and publish regulations governing the laboratories; c) inspect laboratories; and, d) suspend, revoke or deny licenses or take any disciplinary action on the laboratories, as specified.

POLICY CONCERN:

This bill requires DHS to adopt the review committee’s revisions without the input of DHS. Additionally, the required membership of the review committee does not include a representative from DHS. The author may wish to amend the membership to include DHS so that the department’s perspective can be represented in discussions about the regulations.

CLARIFYING AMENDMENT:

This bill requires in Section 1007002 that all laboratories follow the ASCLD/LAB guidelines for proficiency testing and this language may be interpreted as mandating laboratories to be accredited by ASCLD/LAB. According to the sponsors, this is not the intent of the bill. They have proposed the following amendment to clarify the intent for the proficiency testing:

Section 100702.

(a) All laboratories shall follow the American Society of Crime Laboratory Directors/Laboratory Accreditation Board (ASCLD/LAB) guidelines for proficiency testing. The required proficiency test must be obtained from any ASCLD/LAB approved test provider.

(b) Each laboratory must participate annually in an external proficiency test for alcohol analysis.

(c) Each examiner must successfully complete at least one proficiency test annually. The tests may be internal or external.

(d) Each laboratory must have a procedure in writing that describes a review of proficiency test results, and if applicable, the corrective action taken when proficiency test results are inconsistent with the expected test results.

CAT Committee Chair’s Observations:

From the perspective of someone who has been involved in crime lab forensic alcohol testing under DHS regulation since 1970, I can understand the motivation for wanting less regulation. However, as a private practitioner who reviews records from licensed labs, I also see that this bill may create problems down the road: Some labs will do excellent work regardless of the oversight of a regulatory body; some laboratories, whether because of inexperience or apathy or lack of resources, do not perform consistently adequate work even while regulated. This bill removes any penalty for failure to perform up to acceptable standards. It removes the “security blanket” of being able to tell a jury that the lab is licensed, method measures up to DHS approval, etc. It removes the justification for funding essential to meet standards, especially in lean budget years. The short term effect of this bill, which I predict will pass, will probably feel good. The long term effect remains to be seen. As scientists, should we not ask why laboratories that do testing for the workplace are more tightly regulated than laboratories producing results that are per se evidence of guilt of a criminal offense that has serious consequences?

Report of the Legislative Liaison
Anne ImObersteg – June 11, 2004

SECTION 1. Section 23593 is added to the Vehicle Code, to read:

(a) The court shall advise a person convicted of a violation of Section 23103, as specified in Section 23103.5, or a violation of Section 23152 or 23153, as follows: “You are hereby advised that being under the influence of alcohol or drugs, or both, impairs your ability to safely operate a motor vehicle. Therefore, it is extremely dangerous to human life to drive while under the influence of alcohol or drugs, or both. If you continue to drive while under the influence of alcohol or drugs, or both, and as a result of that driving, someone is killed, you can be charged with murder.”

(b) The advisory statement may be included in a plea form, if used, or the fact that the advice was given may be specified on the record.

(c) The court shall include on the abstract of the conviction or violation submitted to the department under Section 1803 or 1816, the fact that the person has been advised as required under subdivision (a).

SB 1694, as amended, Torlakson. Driving under the influence: sanction.

(1) Under existing law, it is unlawful to drive a motor vehicle while under the influence of alcohol, a drug, or both, or 0.08% or more, by weight, of alcohol in one’s blood, or while addicted to the use of a drug. There is another crime of driving under the influence of alcohol, a drug, or both, or with 0.08% or more, by weight, alcohol in one’s blood, and causing injury to another person. Under existing law, for violations of each of these offenses, commonly known as driving under the influence and driving under the influence causing injury, respectively, (DUI) a court may impose sanctions, as specified. Existing law imposes increased sanctions on persons who have previously been convicted of DUI offenses within 7 years of the commission of the current offense. This bill would substitute a 10-year condition for the 7-year condition as a condition to imposing the increased sanctions on repeat offenders and would make conforming changes. Because this would thereby increase the level of service on local law enforcement agencies, this bill would impose a state-mandated local program.

Report of Lending Library
Cathy Hamm

The lending library continues to receive few requests a month.

Report of Research Assistant Grant
Rob Fitzgerald
One application was received, which will be reviewed at the June Board meeting. Additional applications are still being solicited. Contact Rob Fitzgerald at:
rlfitzgerald@vapop.ucsd.edu

Report of “New” Drugs
Dan Anderson

- Extended, Controlled-release or Sustained-release drugs
  - Wellbutrin
  - Recovery of intact gel tablets in decedent’s stomach
  - Oxycontin
  - Effexor CR
  - "Contact" like granules floating in stomach

Report of Quality Assurance Committee (CAT Survey)
Dan Anderson

- The program currently has 38 participants including
  - 3 Reference Laboratories
    - Bexar County Forensic Laboratory-San Antonio, Texas
    - Montana DOJ Crime Laboratory-Missoula, Montana
    - Los Angeles County Coroner-Los Angeles, California
  - Past several surveys
    - Lack of result "crunching"
    - Lack of comparison to reference laboratories

- Survey Hosts located
  - July, 2004  Dan Anderson, Los Angeles
  - October, 2004  Norman Wade, Phoenix
  - January, 2005  Diana Garside, NCME
  - April, 2005  Graham Jones, Canada
  - July, 2005  Bruce Goldberger, Florida
  - October, 2005  Ann Marie Gordon, Washington

- Survey distributed four times a year
  - Coincide with meetings, which are 3 times a year?

- Winter, 2003 Results- San Diego Medical Examiner
- Spring, 2004 Results-Montana DOJ

The following committees report no new information:
- Drugs and Driving
SPRING 2004 CAT SAMPLE SURVEY RESULTS

Scenario: A 42-year-old registered nurse (R.N.) is accused of taking medications from the medicine room of a county hospital. Urine (20 ml) is submitted for drug analysis.

Preparation: Human urine was spiked to achieve a concentration of:
- 1.50 mg/l of morphine-3-glucuronide
- 0.50 mg/l of morphine
- 0.05 mg/l of fentanyl

Results: 71% of laboratories responded (27 of 38)
- 27 participants
  - 33% identified one drug
  - 67% identified both drugs

93% identified **morphine**
- 64% (16 labs) submitted quantitative results
  - 15 useable results
    - Mean = 1.547 mg/l
    - 2 S.D. range = 0.147 - 2.947 mg/l

74% identified **fentanyl**
- 55% (11 labs) submitted quantitative results
  - 11 useable results
    - Mean = 0.060 mg/l
    - 2 S.D. range = 0.020 – 0.100 mg/l

Comments:
The purpose of this proficiency was to see how varied laboratories approach opiate analysis.
Naproxen was an incidental finding by 4 laboratories. This drug was not intentionally spiked into the urine, but rather was present in the "negative" urine used in the preparation of the sample.
SPRING 2004 CAT SURVEY RESULTS

Y = Drug identified, but not quantitated

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<th>Lab Number</th>
<th>Morphine (mg/l)</th>
<th>Fentanyl (mg/l)</th>
<th>Naproxen</th>
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Hosted by the Montana State Department of Justice Forensic Science Division
PRESENTATIONS FROM JUNE 2004 MEETING
Available in Members – Only section of CAT website: cal-tox.org
Password: ctox

Speaker presentations (provided at the speakers option) are posted as pdf files on the CAT Proceedings home page, accessible only to CAT members.

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**Quarterly Workshop**
Friday, June 18, 2004 – *Basic Toxicology Methods*

Debra Folsom, PhD  
Huntington Library, San Marino, CA
*Plant Derived Drugs*

Dawn Parker  
San Diego County Medical Examiner, San Diego, CA
*Analysis of Benzodiazepines in alternate matrices by HPLC*

Ric Cuchetto  
LECO Separation Sciences
*Multi-dimensional Chromatography/Simultaneous Scanning for Investigative Analyses: GCxGC – FID or Time of Flight MS (4D)*

Tanisha Paige-Smith  
LAPD Crime Lab, Los Angeles, CA
*Did this DUI Case Show Flaws in Blood Evidence Handling?*  
*Case Review of People v. Bergamo*

Dan Anderson  
Supervising Toxicologist – Los Angeles County Coroner’s Office, Los Angeles, CA  
*Up… Up… and Away! Living in a Cloud of Volatiles*

Eucen Yu  
Los Angeles County Coroner’s Office, Los Angeles, CA  
*Phencyclidine: Dust, Dippers & Death*

Todd Swanton  
LAPD Crime Lab, Los Angeles, CA  
*Demystifying Solid Phase Extraction for Toxicological Analysis of Biological Samples*

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Saturday, June 19, 2004 – *Drug-Facilitated Sexual Assault Workshop*

Tony Wold  
Deputy District Attorney, Ventura County  
*The Andrew Luster Case - The Prosecution of the Max Factor Heir*

Jo Ellen Dyer  
PharmD – California Poison Control System, San Francisco, CA  
*GHB Abuse. Addiction and Assault*

Ginger Baker  
New Mexico Department of Health, Albuquerque, New Mexico  
*A Review of Drug Facilitated Sexual Assault Cases in New Mexico*

Dr. Raymond Kelly  
Tox Tech, Henderson, NV  
*Evidentiary Issues in Drug Facilitated Sexual Assaults*

Sara Kegler  
Los Angeles County Coroner’s Office, Los Angeles, CA  
*What’s the Scoop on “Scoop”?: Case Studies Involving GHB*

Kenji Ota  
California Department of Justice, Sacramento, CA  
*A Flunitrazepam Metabolite Confirmed by GC/MS from a Submitted Sexual Assault Case*

Negin Aghdaie  
LAPD Crime Lab, Los Angeles, CA  
*Endogenous Levels of GHB*