



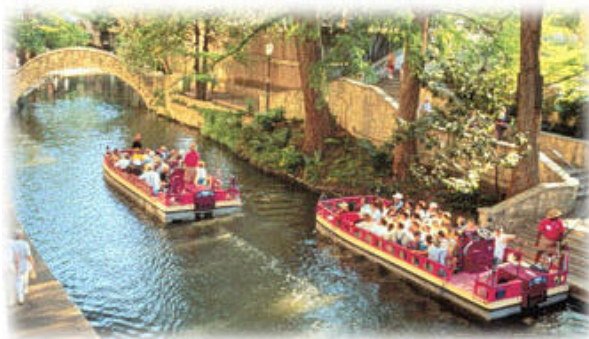
SAT Newsletter

News of the Southwestern Association of Toxicologists

Volume 23 , Number 2

Fall 2001

Fall 2001 Meeting – San Antonio



You are cordially invited to attend and participate in the 2001 Fall Meeting of the Southwestern Association of Toxicologists. The meeting will be held November 1-3, at the historic Menger Hotel in downtown San Antonio.

Our fall meeting features three planned workshops and a special “retrospective” seminar. Two of our workshops will cover topics that are important to the future of our profession: professional accreditation, and the Internet as a resource for toxicology. In addition, we will be taking a look at the case of Genene Jones; a San Antonio nurse who was convicted of a homicidal poisoning in the early 1980’s and allegedly was involved in the deaths of other children as well. Several of our members had integral roles in the evidence used to prosecute that case.

Fall 2001 SAT Workshops

- ✓ “Internet for Biomedical Professionals” – Thursday, November 1, 3 PM
This workshop features a “hands on” presentation by the library staff at the Briscoe Library, University of Texas Health Science Center. A special electronic classroom has been reserved for our use. Topics covered include the general retrieval and evaluation of medical information from the Internet, as well as some special tailoring to our specific interests. Seating is limited to the first 20 to sign up.

- ✓ “Professional Accreditation” – Thursday, November 1, 3 PM
Recent changes to ABFT rules now allow bachelor degree holders the opportunity to receive accreditation as Forensic Toxicology Specialists. While this workshop in no way is intended to guarantee that status for attendees, it serves to educate and prepare those who may be interested by providing some direction in studying for the exam and outlining the requirements.
- ✓ “Solid Phase Extraction” – Saturday, November 3, 8:30 AM
- ✓ “Gene Jones: A Look Back” – Saturday, November 3, 10 AM

All workshop fees are included in the registration. Please note that the first two workshops are at the same time, so check your choice on the registration form. All attendees, members and non-members, are encouraged to present research or interesting cases as usual.

We are proud to present a wide array of activities with a decidedly fiesta flavor. The Menger is located just 100 yards south of one of the most famous buildings in the world, Mission San Antonio de Valero, better known as the Alamo. We will also be adjacent to the Riverwalk, and all the shopping and dining you can handle at the Rivercenter Mall.

To catch all of the spirit of the Riverwalk and downtown San Antonio, consider a meal on a riverboat for a Friday evening activity. We have arranged for a private boat for our group with a limit of 24 people (if we get 40+ interested, we may get another boat). Plan on a cost of about \$25/person for the Mexican food meal.

If that spirit isn't enough for you, perhaps you would enjoy hearing about real spirits. We are also arranging a guided ghost hunt. The Menger hotel is noted for its ghostly inhabitants, and there are plenty of legends surrounding other famous San Antonio landmarks. Please look for more information about the hunt when you register at the hotel.

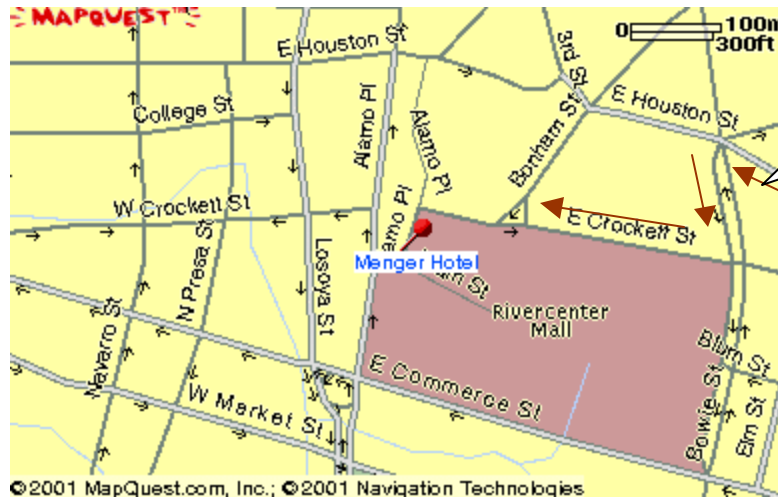
For the first time, attendees will be able to access up-to-the-minute meeting information and important changes through our laboratory web site – www.co.bexar.tx.us/bcftl/sat. Registration and abstract submission forms in .pdf format will be available at the site, so be sure to bookmark it. Electronic abstract submission is also available, so please get those papers rolling in! There will also be a link provided through our regular site at www.sat-tox.org.

Everyone is invited to attend the President's Reception at the Menger on Thursday evening from 6 PM till 8 PM.

The Menger hotel is offering rooms at a rate of \$115 per night. The Menger traces its roots back to 1859, and offers one of the most unique hotel experiences in the state. Its history is replete with ghost stories and famous guests, including Teddy Roosevelt and his recruitment of the Rough Riders right in the hotel bar. Be sure to make your reservations no later than October 1, 2001, by calling the hotel directly at (210) 223-4361 or (800) 345-9285, or by accessing their web site at www.historicmenger.com.

Travel Information

The Menger is located in downtown San Antonio at 204 Alamo Plaza. The hotel is immediately adjacent to the Rivercenter Mall, and is only about 100 yards south of the Alamo.



From the San Antonio International Airport:

Follow the signs for US 281 South as you exit the airport. Take 281 South about 6.3 miles until you reach the Houston St. exit (141B). Turn right onto Houston, then left on Bowie, and right on E. Crockett and you will pass by the Rivercenter Mall parking lot on your left. East Crockett St. dead-ends into a one-way street at the Menger. You can valet park at that point, or continue with another right turn onto Bonham St. and self-park at the lot adjacent to the Crockett Hotel. If all else fails, park at the Rivercenter Mall garage (accessible from both Crockett and Commerce streets) and get a 2-hour validation from a mall tenant.

From I-35 South (Austin, Dallas/Fort Worth and points north):

Take I-35 inside Loop 410 until you get to US 281 South/I-37 South (Corpus Christi). Take US 281/I-37 southbound until you reach the Houston St. exit (141B). Continue on as above.

From I-10 West (Houston and points east):

Take I-10 inside Loop 410 until you reach the exit for US 281 North. Exit and continue northbound on US 281 (you will pass the Alamodome on your right) and exit on Houston St. Turn left onto Houston (travel underneath the overpass) and continue on as above.

From I-10 East (Mike Carlo and points west):

Take I-10 inside Loop 410 toward downtown, following the signs for Houston (city) until you reach the exit for US 281 North. Exit and continue as for I-10 West above.

TENTATIVE MEETING SCHEDULE

Thursday, November 1, 2001

Please note that some activities on Thursday will be offered on the campus of the UT Health Science Center. Inquire at registration about transportation options.

- 11 AM to 6 PM – Registration at the historic Menger Hotel
- 12 PM to 2 PM – S.A.T. Board Meeting at Menger
- 3 PM to 5 PM – WORKSHOP #1 - "Internet for Biomedical Professionals," presented by UTHSC Briscoe Library
- 3 PM to 5 PM – WORKSHOP #2 - "Professional Accreditation," presented by Tim Rohrig and Gary Kunsman (hosted by South Texas Poison Center)
- 3 PM to 5 PM – Bexar County Forensic Toxicology Laboratory "Open Lab"
- 6 PM – President's Reception at the Menger

Friday, November 2, 2001

- 8 AM to 12 PM – Registration at the Menger
- 8:30 AM to 9:30 AM – S.A.T. General Business Meeting
- 9:30 AM to 9:45 AM – Break
- 9:45 AM to 12 PM – Scientific Presentations (Session 1)
- 12 PM to 1:30 PM – Lunch at the Menger
- 1:30 PM to 3 PM – Scientific Presentations (Session 2)
- 3 PM to 3:15 PM – Break
- 3:15 PM to 5 PM – Scientific Presentations (Session 3)

Dinner and Entertainment on your own

Saturday, November 3, 2001

- 8:30 AM to 9:45 AM – WORKSHOP #3 - "Solid Phase Extraction"
- 9:45 AM to 10 AM – Break
- 10 AM to 12 PM – "Gene Jones – A Look Back". Featured speakers include Rod McCutcheon, Jim Garriott, and Ronald Sutton (U.S. Attorney for the 198th District).



2001 S.A.T. Fall Meeting
November 1-3, 2001

Menger Hotel
San Antonio

MEETING REGISTRATION

Name: _____

Title: _____

Agency: _____

Address: _____

Phone: _____ FAX: _____ E-mail: _____

SAT Member: Non-Member:

Please register by October 15, 2001 to avoid late fees. The registration fee includes admission to all scientific sessions, workshops, exhibits, Friday's lunch, and the President's Reception.

	S.A.T. Member	Non-member	Student
Prior to October 15	\$60	\$70	\$15
October 15 and later	\$70	\$80	\$15
Presenting Paper	N/A	N/A	N/A

Extra Meal Tickets (includes both the President's Reception and lunch on Friday): \$15

AMOUNT ENCLOSED: \$_____

***** Registration fee will be waived for paper presenters *****

	Yes	No
I will attend Workshop #1 – <i>Internet for Medical Professionals</i>	<input type="checkbox"/>	<input type="checkbox"/>
I will attend Workshop #2 – <i>Professional Accreditation</i>	<input type="checkbox"/>	<input type="checkbox"/>
(Please note that these two workshops are at the same time)		
I am interested in the riverboat meal for Friday evening (Approx. \$25)	<input type="checkbox"/>	<input type="checkbox"/>
I am interested in the ghost hunt	<input type="checkbox"/>	<input type="checkbox"/>

Please make payment by check or money order payable to *Southwestern Association of Toxicologists* and mail with this form to:

Cindy Kunsman
C/o Bexar County Medical Examiner's Office
7337 Louis Pasteur
San Antonio, TX 78229



2001 S.A.T. Fall Meeting
November 1-3, 2001

Menger Hotel
San Antonio

CALL FOR PAPERS

Please complete the following form and submit along with a copy of your abstract (200 words or less). Please submit form and abstracts prior to October 15, 2001. Time slots will be 20-30 minutes unless otherwise requested.

Title: _____

Author(s): _____

Agency: _____

Address: _____

Phone: _____ FAX: _____ E-mail: _____

AV Equipment Required:

- 35 mm Slide Projector
- Overhead Projector
- LCD Projector
- Other (please specify) _____

NEW! Submit your abstract online at
<http://www.co.bexar.tx.us/bcftl/SAT/Abstract>

Is this presentation to be considered for an SAT meeting grant?

Yes No

Please return completed form and abstracts to:

Mike Frontz
/o Bexar County Medical Examiner's Office
7337 Louis Pasteur
San Antonio, TX 78229

Phone: (210) 335-4031
Fax: (210) 335-4009
E-Mail: mefron@co.bexar.tx.us

Southwestern Association of Toxicologists

Meeting Grant Application

The SAT meeting grant was established to encourage chemists at the bench level to present their own research or interesting case studies. The SAT board currently has set the amount of the grant at \$300.00 plus meeting registration. The SAT meeting grant may be awarded to two individuals per meeting (at the approval of the board). It may be applied toward the current meeting or one of the subsequent two meetings.

Guidelines for meeting grant:

- SAT Member in good standing
- Presenting paper at meeting
- Non-supervisory position
- Sponsoring letter from laboratory/section manager or professor

Applicant's Name: _____

Job Title: _____

Mailing Address: _____

Phone: _____ FAX: _____

Sponsor's Name: _____

Sponsor's Job Title: _____

Application for the SAT meeting grant AND sponsoring letter from supervisor/professor should be mailed to:

Lori A. Flores
9302 Antwerp Cove
Houston, TX 77070

Phone: (281) 374-6063
E-mail: Loriaflores@yahoo.com

NOTE: Title and abstract must be received by program chair prior to application.

For SAT use		
Date application received: _____	<input type="checkbox"/>	SAT membership verified
Recommendation of committee: <input type="checkbox"/> Approve	<input type="checkbox"/>	Disapprove
Action of Board: <input type="checkbox"/> Fund	<input type="checkbox"/> Do Not Fund	Date: _____

Southwestern Association of Toxicologists
Board of Directors:

President:
2001-2002

Lori A, Flores
9302 Antworp Cove
Houston, TX 77070
(281) 374-6063

President-Elect
2001-2002

Vacant

Past President:
2001-2002

Michael Carlo, Ph.D.
124 Kilt Road
San Angelo, TX 76901-9512
(915) 942-0263

Secretary:
2001-2003

Sheryl Peyton
5703 Sierra Madre
Austin, TX 78759
512-918-9575

Treasurer:
2000-2002

Robert G. Schoenfeld, Ph.D.
7204 Aztec Road, N.E.
Albuquerque NM 87110
505-884-4997

Counselor:
2000-2002

Mike Frontz
Bexar County Forensic Sciences Center
73337 Louis Pasteur Dr.
San Antonio, TX 78229
210-335-4031

Counselor:
2001-2003

Vacant

Membership Chair:

Brenda Snodgrass
519 Fleetwood Dr.
Norman, OK, 73072
Hm. 405-360-6103 wk. (405) 522-5440

" As you may have noticed, the positions of President-elect and one counselor position still remain unfilled. I am working to remedy this temporary situation, and we will have those positions filled by the Fall meeting in San Antonio. Thank you."

Lori Flores

President's Message

As your new president, I want to give thanks to everyone for allowing me this opportunity to represent our organization in the upcoming year. Our group is diverse, and we all come from many different directions and schools of thought. Despite this, or maybe because of this, SAT has undergone many changes in my short time as a member. These changes help to develop and enhance SAT's strengths as an organization. As president, I am open to any ideas or improvements to our organization, and I will always keep in mind our goals to achieve and grow as a membership committed to improving and advancing in the field of toxicology.

With all the rhetoric out of the way, let's see what happened in Dallas!

The Spring 2001 meeting in Dallas was excellent. Chris Heartsill and Sandra Gray did a great job as hosts, and thanks to everyone at Dallas County for their efforts in pulling it off. I especially enjoyed the pharmacology workshop. It gave a different perspective to what we normally focus on in toxicology. The proposed changes to the constitution were run past the attending membership in Dallas. The changes accepted to go onto a ballot election will be showing up in your mailbox in the future.

The next meeting in San Antonio already shows to be equally impressive as Dallas. We will be revisiting the Genene Jones case. A very interesting case involving succinylcholine fatalities, and I also know whatever else Dr. Kunsman and his crew have in store for us will be well worth the trip.

See y'all in San Antonio!

Lori Flores



Past President's Message

Dear SAT Members:

First I want to thank you for the privilege of serving as your President this past year. I congratulate the Board of Directors for all the work they did this past year. Dues were raised in order to keep our organization financially stable and viable. The first Charles Tripp Millenium Award was presented to Ken Peck who richly deserved it. Speaking of Ken Peck, I want to thank him for the outstanding job he did on reviewing our Constitution and By Laws and recommending changes to both the Board and the membership. We had two really good meetings- Oklahoma City in the Fall (many thanks to Nancy Gowen-Kropp and her staff for their hard work in hosting this meeting) and Dallas in the Spring (many thanks to Chris Heartsill and his staff for their hard work in hosting this meeting). All in all it was a busy, enjoyable and successful year.

Don't forget the meeting in San Antonio this coming November. Gary and Cindy Kunsman are putting together another good meeting. Also, let's all get behind Lori Flores and this year's Board and make it the best year ever. Remember that your Board of Directors are working for you and are open to any and all of your suggestions and complaints.

See y'all in San Antonio!

Michael J. Carlo
SAT Immediate Past President



Mike Carlo seen socializing with Bill Lowery at the Dallas meeting.

Message from Dr. Schoenfeld:

Here is a list of members whom I have lost track of. Maybe someone can help me find these lost souls. If they cannot be found, they will be dropped from our membership list.

Raul Guajardo
Bernardo Villalobos
Darrell Eubank
Ernest Lykissa
William Ottinger
Ken Baylor
Veronica Martinez
Vincent Papa
Kathleen McCully
Derek Sanders
Howard Gurnas

Mary McWilliams
Margot Luera
Humphrey Ihejirikah
Mark Florence
Christopher Jones, Ph.D.
Robert Brown
Clare Stark
Michael Murphy
David Veland
Cara Beserra
Kathy Erwin

Many of the dues cards I sent out were returned as address unknown. I'm sure they have moved or gotten married or else ran off with someone else's wife and may not want to be found. Help!!!



Sandra Grey and Chris Heartsill.
At the Dallas meeting.

TOXICOLOGY EXCHANGE

When I first became a graduate toxicology student at the Health Science Center in San Antonio, I wasn't exactly sure what to expect. However, after attending two semesters, I was advised that joining a toxicology association was not a requirement, but the best choice that I could make for my career as a future toxicologist. My background is in clinical laboratory science, and certification was required to even be considered for employment in a hospital setting. So, becoming a member of SAT was a very sensible and obvious choice for me. Not only was it an obvious choice in the sense that I would be meeting experts in the field of toxicology, but I also found it as a means to acquire abundant information that no student could ever learn in a classroom setting.

Not long after becoming a SAT member, I was approached by Dr. Kunsman to participate in a research project and to give a presentation at my very first meeting. Boy, was that a daunting task! Once the research was completed and the presentation given, I realized just how important that "daunting task" really was. Not only did I grow as a student of toxicology and research, I also learned the importance of peer review and evaluation. I was very grateful for the opportunity.

Now, as we approach the Fall meeting in November, I ask all current members to realize just how important their knowledge and opinions are to students, such as myself, and remain active participants in this excellent organization. I would also like to challenge all students and future members to make the most of this opportunity and gain the understanding and importance of toxicology, just as I have!

Thank you,

Tiffany Flowers



Mike Frontz, Phil Kemp,
Robert Rodriguez, and Paola Rodriguez at the Dallas meeting.



POINTS OF REFERENCE

1. To submit information, newsletter articles, want ads, or answers and discussion for the current Toxicology Exchange Topic:

Nancy Gowen Kropp
Novazyme Pharmaceuticals, Inc.
800 Research Parkway, Suite 200
OKC, OK 73104

405-271-8184
krop@gns.com

2. Web page address: <http://www.sat-tox.org>
Web page email: sat@pobox.com
Web Page administrator:

Glenn Harrison
TX Dept of Public Safety
PO Box 4143, MSC0460
Austin, TX 78765

512-424-2105 (ph)
512-424-2869 (fax)
glenn.Harrison@txdps.state.us

3. To Update addresses, phone numbers, employment, and email addresses for member records:

Sheryl Peyton
5703 Sierra Madre
Austin, TX 78759

512-918-9575 (ph)
512-346-5154 (fax)
fsipey@aol.com

4. To post a message to the e-mail list, send our message to sat-tox@yahoogroups.com.

5. To subscribe to the list server, choose one of the following:

- a. Web-method (preferred): The email list has its own website, which is www.groupos.yahoo.com/group/sat-tox. Individuals who go to this website will be prompted to either convert their existing status with the old list from regroups (of old list server) to a Yahoo! Account, or they can simply go through the join process if they are not currently a member or they are not sure.
- b. Email only method: Send a blank email to sat-tox-subscribe@yahoogroups.com.

6. To view the e-mail list server website, go to www.groups.yahoo.com/group/sat-tox and log in using your Yahoo! Account username and password. You will be able to view and retrieve archived list messages, other files, polls, and databases. You will also be able to upload information such as unknown spectra that you wish for other members to view.

ACKNOWLEDGEMENTS

This newsletter is published biannually for the benefit of the members of the Southwestern Association of Toxicologists.

The publishing of this newsletter was made possible with the help of the following: Sheryl Peyton, Mike Carlo Ph.D., Lori Flores, Mike Frontz, Tiffany Flowers, Chris Heartsill, Gary Kropp, Robert Rodriguez, and Robert Schoenfeld.

Nancy Gowen Kropp (editor)

SAT Business Meeting

Dallas, Texas; Sheraton Suites Market Center

April 5,6,& 7, 2001

Minutes taken by Sheryl H. Peyton, Secretary

I. Introduction:

The meeting was called to order by President, Dr. Mike Carlo. Gratitude was expressed to Chris Heartsill and SWIFS for hosting the meeting.

I. Secretary Report:

A. It was moved and seconded that the reading of the minutes of the last meeting be waived since they had been published in the newsletter. All were in favor.

III. Treasurer Report:

A. Report presented by Dr. Schoenfeld

- 1) Discussion of report and \$16,141 currently in account
- 2) Reminder that dues going up next year from \$20 to \$30/year
- 3) It was moved and seconded to accept the Treasurer's Report; all were in favor.

IV. Committee Reports:

A. Meeting Grants: Lori Flores

- 1) No one applied for a meeting grant for this meeting.
- 2) Mike Carlo gave a plug to encourage application for the grants

B. Membership: Chairperson, Brenda Snodgrass recommended the following applicants. Brenda moved that they be accepted for membership. Robert Rodriguez seconded the motion. All in favor.

- 1) Bridget Alderman; Varian
- 2) Steve Brookman
- 3) Leslie Taylor; Varian
- 4) Sandra Gray
- 5) Parish Matthews
- 6) Lisa Fondren
- 7) Mark Fondren

C. Audit Committee

Extended to use the same committee from last fall in the next fall meeting in San Antonio: Paola Rodriguez, Dan Rios, and Rod McCutcheon, to provide an independent, nonprofessional review of SAT financial records.

D. Teller Committee

Paola Rodriguez, Carrie Presses, Gary Kunsman...will do balloting in San Antonio if votes are sent out. The *Teller Committee* will provide blind counting of votes for election of officers or other issues.

V. Old Business:

A. Communications

Mike Frontz - would be good if everyone got with Yahoo for more SAT services: SAT-TOX@yahoogroups.com; "user account & password".

B. Web Site

- 1) Glenn Harrison said there is a link on web page for services.
- 2) Cost of site \$292.
- 3) Getting traffic on web with questions from students and others... Glenn spending time answering questions
- 4) Suggestion made to have a disclaimer on his answers to technical toxicology questions that his opinions are not necessarily those held by all SAT members.
- 5) Some requests for expert witness in toxicology...Glenn will send out notices of those requests.

C. Colors

Discussion of consideration for official SAT colors

D. Membership Directory

New directory of members with current addresses, phone numbers and e-mails is to be undertaken by Dr. Robert Schoenfeld, Sheryl H. Peyton, and Nancy Gowen Kropp and attempt to have ready by next meeting in Fall, 2001.

VI. New Business:

A. Fall, 2001 Meeting in San Antonio, Texas; November 1-3, 2001. Hosted by Dr. Gary Kunsman et. al. at the Menger Hotel. Board Meeting at the Medical Examiner Office. Will include info on ABFT certification.

B. Future Meetings

Spring, 2002 - Wichita, Kansas; Dr. Tim Rohrig

Fall, 2002 - will try Baton Rouge with Glenn Singletary

Spring, 2003 - Albuquerque, New Mexico; Dr. Robert Schoenfeld

Fall, 2003 - either Galveston, Kemah, or Houston with Lori Flores

C. ABFT Certification: discussion with Mike Frontz

D. American Institute of Chemists Certification

Discussion with Dr. Mike Carlo; self-reporting process, information available.

E. Abstract Publication

Ken Peck suggested we consider having our abstracts published in a national journal even if it costs money.

VII. Proposed Changes and updates to the SAT Bylaws and Constitution

A. Several changes in the SAT Constitution and By-laws were proposed and voted upon in the general business meeting. The proposals either passed or failed based upon a majority vote of those in attendance at the general business meeting. These proposals, explanations, changes, and voting results are listed below.

B. These same proposed changes will be mailed out for the vote of the entire SAT membership, and the ballots will be cast at the next meeting in San Antonio along with ballots for the nominations for Board positions.

C. Proposals #4, 5, 6, and 7 were proposed by Dr. Mike Carlo from the Board and seconded by Kenneth Peck, Board Appointee.

Proposal #1 Change Constitution: Article V

Inclusion of a voting member of the communication committee to the Board of Directors; Proposed by Mike Frontz and seconded by Brenda Snodgrass to modify this first proposal to say “consisting of ‘at most’ 8 persons”. There was extensive discussion prior to final format.

Officers of this Corporation shall consist of a President, a President-Elect, a Secretary, a Treasurer, and the immediate Past-President (The Secretary and the Treasurer may be the same person.) These officers, two counselors, and a member from the communication committee shall constitute the Board of Directors.

Change Bylaws: Chapter III

Section 6 shall be renamed: Counselors

Two counselors shall be elected by a plurality vote of ballots cast by the voting membership and serve overlapping two-year terms.

Section 7 shall be renamed: Board of Directors

There shall be a Board of Directors of the Corporation consisting of at most eight persons. The members of the Board of Directors shall be the President, a President-Elect, a Secretary, a Treasurer, the immediate Past President, two Counselors and a member from the Communication Committee. Vacancies in any office or directorship shall be filled by a majority vote of the Board of Directors, for the remainder of an unexpired term. The general management of the affairs of the Corporation shall be vested in the Board of Directors.

Results of vote: Passed.

Proposal #2 Change Bylaws: Chapter III, Section 1

Extend the President’s term to two years. Proposed by Dr. Mike Carlo, seconded by Sheryl H. Peyton. Extensive discussion before vote.

Section 1: President/President-Elect

A President and a President-Elect shall be elected by a majority vote of the ballots cast. The President shall serve a term of two years or until a successor has been elected and qualified. A President-Elect shall be elected by a majority vote and shall become President after serving two years as President-elect or if a vacancy occurs in the office of the President. The President-Elect shall perform the functions and duties of the President in the absence or disability of the latter.

Results of vote: Failed

Proposal #3 Change Bylaws: Chapter III, Section 2

Secretary/Treasurer being able to serve for more than two consecutive terms and deletion of redundant wording.

Rod McCutcheon moved we separate secretary/treasurer positions on board; would require changing Article V - remove (Secretary and Treasurer may be same person)

Mike Frontz moved we do a new proposal for removal of ‘secretary and treasurer may be the same person’. Change to ‘they’ and includes removal of (The Secretary and the Treasurer may be the same Person) from Article V of the Constitution and the same wording in Proposal #1 regarding this passage, if passed. Brenda Snodgrass seconded the motion to change the wording of this proposal.

Section 2: Secretary/Treasurer

A Secretary and a Treasurer of the corporation shall be elected by a majority vote. They shall serve for a term of two years beginning July 1 next following their election.

Results of Vote: Passed (with new wording)

Proposal #4 Change Bylaws: Chapter III, Section 8

Allow flexibility in balloting. Vote preceded by extensive discussion.

Section 8: Election

Ballots for officers to be elected in any year shall be mailed by the Secretary to the membership prior to the spring meeting. These ballots shall set forth the names of the candidates nominated by the Board of Directors; in addition, one (1) space shall be provided for a write-in candidate for each office to be filled. Completed ballots returned to the Secretary shall be valid if received on or before the date set by the Secretary, and if the envelope containing the ballot bears the signature of the member. The Secretary....

Results of Vote: Passed

Proposal # 5 Change Bylaws: Chapter II, Section 1

Membership – simplification of membership types and requirements

Section 1: Membership Categories

A. Regular Members: Any qualified person of professional competency who is actively engaged in the field of toxicology or who has advanced the interests of toxicology in a significant manner shall be eligible for membership in the Corporation. Only regular members shall be entitled to vote and hold office.

B. Emeritus Members

C. Honorary Members

Results of Vote: Passed

Proposal # 6 Change Bylaws: Chapter II, Section 3

Change from Secretary to Treasurer and simplify

Section 3: Termination of Membership

A. A member may voluntarily terminate his membership in the Corporation at any time by written notification to the treasurer. The Treasurer shall inform the members of the Corporation of such termination at the next regular meeting.

Deletion of Section B

Re-index C to B

Results of Vote: Passed

Proposal # 7 Change Bylaws: Chapter III, Section 10

Inclusion of electronic media for use by the Board

Section 10: Informal Action by Directors and Officers

Any action required by law to be taken at a meeting of officers and directors, or any action which may be taken at a meeting of officers and directors may be taken without a meeting if a consent in writing, phone conference and/or electronic media setting forth the action so taken shall be authorized by all the officers and directors.

Results of Vote: Passed

Proposal #8 Change Bylaws: Chapter VII, Section 1

Dues – determined by the Board. Rod McCutcheon moved we modify this proposal so that a group (at a general business meeting) would be able to vote on whether or not to increase dues as opposed to just the board. Ron Oliver seconded the motion.

Section 1: Dues

Annual membership dues shall be determined by the Board of Directors; with a *majority approval from the voting membership in attendance at the following business meeting.*

Results of Vote: Passed (with the modified version above as moved by Rod McCutcheon)...Failed (with keeping the original wording - in which the Board, alone, changed the dues.)

VIII. Adjournment

It was moved and seconded to adjourn the meeting. All were in favor.

Abstracts

SOUTHWESTERN ASSOCIATION OF TOXICOLOGISTS
Spring 2001 Meeting
April 5,6,7, 2001
Dallas, Texas

Oxycodone Related Deaths in Central Texas

**Rod McCutcheon, Pat Schroeder, and Brad Hall, Ph.D. Travis County
Medical Examiner's Laboratory, Austin, Texas**

Oxycodone is a semisynthetic opioid derived from thebaine, a naturally occurring component of the opium poppy. Oxycodone has been referenced in the scientific literature since 1932 and became available as a pharmaceutical product in 1963. Oxycodone abuse, including fatal overdoses, have recently been the subject of several media investigations.

The Travis County Medical Examiner's laboratory analyzed twelve cases in the year 2000 in which oxycodone was detected in heart blood. Six cases were ruled drug overdoses, four mixed drug and two due directly to oxycodone. The average heart blood concentration was 1.3 mg/L (0.70-1.90).

Introduction to Capillary Electrophoresis as it Pertains to Forensic Science

Dave Eckert, Ph.D., Agilent Technologies, Atlanta, GA

Capillary Electrophoresis (CE) is a relatively new separation technique that offers tremendous promise due to the high resolution, minimal sample size requirements, versatility, minimal sample preparation, and incredibly low operating costs. A brief introduction to CE will be presented explaining how the technique works, its characteristics, its advantages and limitations. CE has six different modes of separation but only Capillary Zone Electrophoresis (CZE) and Micellar Electrocapillary Chromatography (MECC) will be introduced since they are generally used for drug analysis and toxicology.

Advances in Capillary Electrophoresis and Its Use in the Analysis of Drugs and Other Forensic Science Applications

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CE-MS and the use of the Agilent high sensitivity flow cell will be briefly mentioned followed by a variety of drug and other toxicology related applications. The analysis of various, toxic inorganic anions will be shown where selenate, cyanide, azide, arsenate, and arsenite were separated along with many other inorganic and organic anions. CE is well suited for the forensic screening of toxic anions in food. An example will be given where arsenite was analyzed in curry. A few CE examples of illicit drugs used to "doctor" horses and dogs used in para-mutuel wagering will be included demonstrating the power of a UV-VIS Diode Array Detector in toxicology.

The Detection of N,N-Diethyl-m-toluamide (DEET) in Postmortem Specimens

Mike Ruff, Monica Lopez, Chris Heartsill, E. H. Foerster, Elizabeth Todd, Ph.D.
Southwest Institute of Forensic Sciences, Dallas, TX.

A 52 year old male was found dead in a secured residence. No external trauma was noted at the scene. The body was brought to the Dallas County Medical Examiner's office. Postmortem examination of the body was unrevealing. Blood, vitreous, urine and bile were submitted for toxicological analysis. Toxicological findings included a 0.09% blood ethanol, a 0.10% vitreous ethanol and what appeared to be the insect repellent N,N'-diethyl-m-toluamide (DEET), which was present in the alkaline and acid/neutral drug screens. A standard of DEET was purchased for confirmation and quantitation. DEET was quantitated in all available specimens using the acid/neutral procedure with the following results: blood, 35 mg/L; vitreous, 21 mg/L; urine, 15 mg/L, and bile, 170 mg/L. Further investigation determined that the deceased had occupational access to DEET. The cause and manner of death are still pending in this case.

In Vitro Production of Heroin Metabolites From Morphine Related to Choice of Extraction Solvent

Chris Heartsill, E. H. Foerster, Sandra Grey, and Elizabeth Todd, Ph.D.
Southwestern Institute of Forensic Sciences, Dallas, TX

A 36-year-old white female, with a history of asthma, was transported to the hospital by paramedics. She was unresponsive and intubated in the field. She was taken to the hospital where she was placed on a respirator. Part of her life support included an IV morphine drip for pain management. She remained on life support for several days and then died. The death was initially presented as a natural due to asthma. Upon autopsy specimen were drawn and submitted to the toxicology laboratory. Toxicological analysis revealed the presence of morphine at concentrations up to 7.0 mg/L in blood.

The analysis also indicated the presence of the heroin metabolite 6-monoacetylmorphine. The history of the case did not correlate with the presence of this drug and an investigation began to determine its legitimacy. It was discovered that in these extremely elevated morphine concentrations the extraction solvent, ethyl acetate, was acetylating the morphine and producing this metabolite.

Fentanyl Toxicity Due To Heat Related Excessive Release From a Transdermal Patch

Philip M. Kemp and Linda E. Harty. Toxicology Laboratory, Office of the Chief Medical Examiner, Oklahoma City, Oklahoma.

A 32 year old white male, with a history of psychiatric problems, was found dead in his room at the family home. He was prescribed multiple medications including a 100 microgram/hour Duragesic® transdermal patch for arthritis. Qualitative toxicological screening, performed using liquid-liquid extraction followed by gas chromatography and gas chromatography/mass spectrometry, revealed the presence of mirtazapine, paroxetine, trihexyphenidyl and fentanyl in heart blood. Quantitative fentanyl analyses using a liquid-liquid extraction and gas chromatography/mass spectrometry were performed. The following concentrations were determined: heart blood, 18.3 ng/mL; femoral blood, 19.5 ng/mL; vitreous, 7.4 ng/mL; liver, 61.6 ng/g; and brain, 42.0 ng/g. The mean peak fentanyl concentration in serum following the first application of the Duragesic® system has been shown to be 2.5 ng/mL. The excessive fentanyl concentrations were thought to be the result of the extreme heat of the day of death (103°F) potentiated by the decedent's activities during the day. The cause of death was determined to be acute fentanyl toxicity and the manner of death, accident. This report will discuss the pharmacology of fentanyl as it relates to this death including the heat related increase in the release of fentanyl from the transdermal system resulting in excessive blood concentrations.

Charles Tripp Millennium Award



Nomination Form

Candidates Name: _____

Organization: _____

Position: _____

Years of SAT membership: _____

Please detail in the space below the contributions the above candidate has made in the field of Toxicology and in service to the Southwestern Association of Toxicology:



The Board of the Southwestern Association of Toxicologists has established the Charles Tripp Millennium Award to honor at least one member a year (at the discretion of the board) for outstanding service. Consider the following criteria:

- a. Professional contributions to the field of Toxicology
- b. Contributions and Service to SAT
- c. Years of membership
- d. "Coming through in a Pinch"

Any member can submit the name of a deserving member to the board using the form above.

Southwestern Association of Toxicologists, Inc.
Application for Membership



Please type or print neatly.

Name: _____			
Last	First	Middle	
Home Address: _____			
Street	City	State	Zip
Date of Birth: _____		Place of Birth: _____	
		City	State/Country
Citizenship: U.S. <input type="checkbox"/> Other: <input type="checkbox"/> Occupation: _____			
Firm Name: _____			
Title: _____			
Address: _____			

Business Phone: _____		FAX: _____	
Home Phone: _____		email: _____	
Preferred Mailing Address: (check one) <input type="checkbox"/> Business <input type="checkbox"/> Home			

EDUCATION

Institution:	Dates Attended:		Degree	Major Field
	From	To		
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

Dissertation Title and Advisor, if any: _____

Publications and Patents: (append additional sheets if necessary): _____

Specialization, Board Certification, Honors, and Award: _____

-Please complete the other side-

Professional Experience

(Present position first – use additional sheets if necessary.)

Organization/ Address:	Position	From	To	Supervisor Reference:
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

I certify that the above information is correct to the best of my knowledge.

Signature

Date

The two SPONSORS listed below, who are full members of the Southwestern Association of Toxicologists, recommend the applicant and recognize that one major objective of the Association is the development of technical knowledge and furthering of the professional standing of technical people in the field of Toxicology. If the applicant does not know two full members of the Association, a curriculum vitae or resume with the names of two professional references, should be submitted to the Membership Chairman for review by the Executive Board of the Association.

Sponsor #1

Sponsor #2

Name:	_____	_____
Position:	_____	_____
Organization:	_____	_____
Signature:	_____	_____
Phone Number:	_____	_____

This application will be presented to the SAT Board of Directors and membership at the next semi-annual meeting. After acceptance of membership by SAT members, annual dues will begin with the next fiscal year (July).

Return this completed application and a non-refundable application fee of \$20.00 to:

Brenda Snodgrass
519 Fleetwood Dr.
Norman, OK, 73072