

**30 YEARS
1977-2007**

S.A.T. Newsletter



30 YEAR ANNIVERSARY – ADVANCING TOXICOLOGY INTO THE NEXT THIRTY YEARS!

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Special points of interest:

- 30 Years!
- Drinking Study
- Seawall
- Moody Gardens
- San Luis Resort

This November, the Southwestern Association of Toxicologists celebrates its 30 year anniversary! Founded in 1977, S.A.T. has been serving the forensic and clinical toxicology community by providing a forum to discuss current issues, primarily among chemists who work at the analytical bench. Our 30 year anniversary meeting will be held in Galveston, Texas, on November 8-10, 2007. The meeting will focus on leading the science and practice of toxicology into the next exciting thirty years. One of the principle goals of the meeting is to add 30 new members. Please spread the word about SAT to all your colleagues! Also, we want to extend a special invitation to those who were present at the organizational meeting, also held in Galveston, 30 years ago.

The Anniversary meeting of the Southwestern Association of Toxicologists will be held at the Hilton Galveston Island, one of three properties located at the San Luis Resort. Indulge in the critically acclaimed resort restaurants; bask in the sun by the tropical pool with swim-up bar and then step out into the magic

and excitement of Galveston Island featuring a wide array of island activities on both land and sea, including championship golf, deep sea fishing, historic art, entertainment and shopping districts and 32 miles of sun-drenched Texas Coast beaches. Visit www.galveston.com for a great window on all that Galveston has to offer.

We look forward to celebrating this milestone in SAT history and encourage you to join us!



PRESIDENT'S MESSAGE

Hello Fellow SAT Members.

As your new President, I am looking forward to our future as there are several exciting things on the horizon for our future meetings. However, first of all, I want to give a tremendous thanks to Ryan Black and his team for hosting our meeting at the Doubletree Little Rock. The accommodations were fantastic and everything went smoothly at the meeting. If you have never hosted a meeting, there are many little things that we take for granted, so we really appreciate Ryan's efforts with the hotel staff, the vendors, the logistics of the meeting sessions and guest speakers. And by the way, the meals were excellent. The walk in the River Market District was very entertaining for our spare time. There were some great sources for food and I was told that there were some great bands at some of the adjacent hotel clubs.

We are fast approaching our Fall meeting in Galveston. I would like to invite everyone to not only attend but to make presentations. As a regular member, I have tried to present something at every meeting and have enjoyed the interaction and feedback of the members. Dr. Terry Danielson and Dr. Vincent Papa are our coordinators for papers and our President Elect, Dr. Ashraf Mozayani, is our meeting host. The meeting is going to be held at the beautiful San Luis Resort, Galveston Island Hilton overlooking the Gulf of Mexico This is going to be our 30th Anniversary Meeting and I believe it will be very special. Please mark you calendars for November 8th-10th and start planning right away.

I want to echo our Past President John Tarver's interest in encouraging our members and students to present. We would really like to invite students as well as our members that do projects relevant to Forensic Toxicology to present at the meeting. A formal presentation is not required, just an overview of the kind of work you do or special cases have been very interesting in the past. Please contact our President-Elect, Ashraf Mozayani, at Ashraf.mozayani@meo.hctx.net.

Dr. Papa's comments about the "summary discussions about alcohol, extrapolation, DUI's and group discussions regarding alcohol cases and breathalyzers" sound very interesting.

As your new President, I look forward to working with you and am anxious to help facilitate an excellent meeting in Galveston.

All the best,
James M. (Jim) Burris
SAT President
2007-2008

"...a tremendous thanks to Ryan Black and his team for hosting our meeting at the Doubletree Little Rock."

Fall 2007 Meeting Schedule

Thursday, November 08, 2007

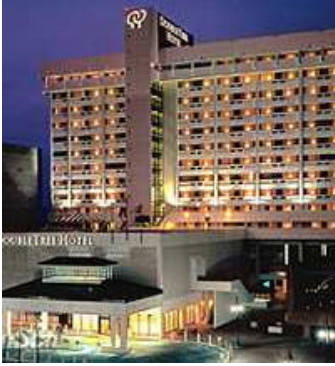
- 1 PM—3 PM Board Meeting
- 1 PM—4 PM ABFT Examination
- 4 PM—6 PM Registration
- 6 PM—8 PM President's Reception

Friday, November 09, 2007

- 7:30 AM Breakfast Service
- 8:15 AM— 12 PM Session I
- 12 PM— 1:30 PM Lunch (provided)
- 1:30 PM— 5 PM Session II
- 7 PM Drinking Study

Saturday, November 10, 2007

- 7:30 AM Breakfast Service
- 8 AM— 9 AM Business Meeting
- 9 AM—12 PM Session III



Galveston Hilton-
San Luis Resort

Hotel Information

Galveston Island Hilton

Ask for the special rate for the group *Southwestern Association of Toxicologists*

Single Rate: \$85/night

Double Rate: \$125/night

Call direct at **(409) 744-5000**

For more information about the hotel: www.galvestonhilton.com

Also: www.sanluisresort.com

Ask for the group rate
at the hotel!

Call for Papers

We will be accepting presentations intended for the Fall 2007 meeting of the Southwestern Association of Toxicologists starting on July 8, 2007. Please e-mail your title and abstract (200 words or less) to tdanielson@hctx.net or call Dr. Terry Danielson at (210) 393-9507. Please use Microsoft Word if possible. Include your name and any co-authors, organization name, e-mail address, postal address and phone number. We will have an LCD projector and a laptop for your presentation. Please be prepared with a flash drive so we may pre-load your presentation. A CD is also OK. Also, if you must use your own laptop, please advise in advance. Thanks.

**Southwestern Association of Toxicologists
2007 Fall Meeting
November 8-10, 2007
Hilton Galveston Island Resort**



Registration Form

Name (as it will appear on badge):	
Phone:	()
Fax:	()
E-mail:	
Title:	
Agency:	
Address:	
SAT Member <input type="checkbox"/>	Non-Member <input type="checkbox"/>
Student <input type="checkbox"/>	

Meeting Registration:

Please register for the meeting and make hotel reservations prior to **October 7, 2007** to avoid late fees or higher room rates. Registration includes admission to all scientific sessions, the full day workshop on Friday, exhibits, a welcome reception Thursday evening, lunch on Friday, and a Friday evening event.

	Member	Non-Member	Student	Total
Prior to/on October 7, 2007	\$80	\$90	\$55	
After October 7, 2007	\$85	\$100	\$65	
Guest ticket:	\$40.00 x (number of guests)			
Total enclosed:				

Please make payment by check or money order, payable to **SAT**, and mail to:

Paola Merritt
Harris County Medical Examiner
1885 Old Spanish Trail
Houston, TX 77054

Phone: (713) 796-9292 ext. 5328
Fax: (713) 796-6838
E-mail: pmerritt@hctx.net

Hotel Information:

Hilton Galveston Island Resort
5400 Seawall Boulevard
Galveston, TX 77551
Phone: (409) 744-5000
www.galvestonhilton.com

Special rate (deadline of October 7, 2007):
Single: \$85.00 Double: \$125.00
(state that you are with the Southwestern Assn. of Toxicologists)

SAT Business Meeting

Doubletree Hotel, Little Rock, Arkansas

April 21, 2007

Call to Order and Welcome

President John Tarver called the meeting to order at 8:10 am on April 21, 2007. John thanked Ryan Black and the Little Rock group for hosting and making it a successful meeting.

Reports of Officers

- Secretary's Report
Monica Lopez could not be present at this meeting to pass out minutes from the last meeting. The motion to accept the minutes as posted in the newsletter was made by Rod McCutcheon, seconded by Jim Burris, and approved.
- Treasurer's Report
(Redacted for publication online...details available from Kathy Erwin)

Committee Reports

- Membership
Aria McCall could not be present at this meeting. John Tarver reported we had received four applications for membership (Becky Carlisle-Arkansas State Crime Lab, Elizabeth Lowman-Smith-Arkansas State Crime Lab, Samuel Williams-Arkansas State Crime Lab, and Katie Hand-Texas Department of Public Safety). The board recommended they all be approved for membership. Kathy Erwin made a motion to accept the above-mentioned members for general membership; the motion was seconded by Robbie Pisana, and approved.
- Communications
The communication committee was not present. Kathy Erwin announced the membership directory was published on the yahoo groups website.
- Awards
John Tarver reported that there were no nominations for awards. He encouraged applications.
- Meeting Grants
John Tarver reported that there were no meeting grant submissions. He stated the meeting grant could be given as a gift in place of money.

The meeting grant can be given as a gift in lieu of the \$300.

(Continued on page 6)

(Continued from page 5)

• **Teller Committee**

John Tarver reported the teller committee results. Ashraf Mozayani will be the new president elect. Connie Huber will be the new secretary. Greg Jellick will be a new councilor. John Tarver gave congratulations to all the new board members.

Old Business

Kathy Erwin and John Tarver are going to work on the meeting plan packet.

Ashraf Mozayani mentioned the need to get younger members more involved in SAT. She stated the meeting grants and scholarships need to have better advertisement and publication.

New Business

Future Meetings

- Fall 2007-scheduled to be in Galveston, TX at the Galveston Island Hilton on November 8-10, 2007. Terry Danielson gave an update on the planning of the Galveston meeting.
- Spring 2008-John Tarver will confirm with Fort Worth.
- Fall 2008- Austin suggested
- Spring 2009- San Antonio volunteered
- Fall 2009-Concurrent with SOFT in Oklahoma

John Tarver brought up changing the meeting to once a year. He stated it would be brought up at the next meeting. Kathy Erwin suggested taking a poll of the members on the website.

Adjournment

A motion to adjourn the business meeting was made by Kacey Cliburn, seconded by Connie Huber, and approved.

Changing S.A.T. meetings to once a year has been proposed

Abstracts from Spring 2007 Meeting, Little Rock, April 20-21

The Role of the National Center for Toxicological Research (NCTR) within the Regulatory Environment

William Slikker, Jr., Ph.D.

Director, National Center for Toxicological Research (NCTR)/Food and Drug Administration (FDA), Jefferson, AR

NCTR provides cross-cutting approaches, methods, and procedures to aid the regulatory decision making process for the FDA and other government agencies. Whether it is the anticipation of innovative procedures or timely data sets generated under meticulously controlled conditions, NCTR responds to the challenges placed before the FDA. In response to the "molecular metamorphosis" of clinical medicine and the public health care system, so often mentioned by FDA Commissioner, Dr. Andrew von Eschenbach, NCTR researchers have embraced and improved upon the latest genomic, proteomic and metabolomic tools to uncover drug and device safety issues and develop translatable biomarkers of efficacy and toxicity. One key to NCTR's contribution to FDA's mission is the bridging of traditional endpoints to signals rendered by the new "omics" and novel bioinformatics tools. These molecular-based approaches have only recently been available yet have now been integrated by NCTR researchers and others to aid in the development of predictive biomarkers of effect and susceptibility. These approaches lay the foundation for personalized medicine - the process of getting the right treatment to the right individual at the right time. The research conducted at NCTR contributes to the present and future commitment of FDA to protect and enhance public health. Indeed, the innovative studies conducted by NCTR researchers and staff directly support a major FDA goal to improve health through increased access to innovative products and technologies. To develop and actualize these new approaches, well-trained researchers are required. Partnerships of government agencies with scientific societies, including the Society of Toxicology (SOT) and academic and industrial stakeholders, are necessary to provide the training for this new generation of regulatory scientists with both molecular and whole-animal experience. The NCTR will continue to lead in the training of scientists, the validation of integrative research approaches, and data generation in support of product safety and public health.

"...marijuana continues to be a complicated story, generating a great deal of interest in basic science and forensic laboratories."

Marijuana: A Complicated Story

Phil Kemp, Ph.D., DABFT

Chief Forensic Toxicologist, Office of the Chief Medical Examiner of Oklahoma

Forensic toxicology laboratories are continually called upon to analyze biological fluids and tissues for the presence of cannabinoids. Toxicologists are then invited to provide their interpretation of the laboratory results as they relate to human behavior and performance. Numerous analytical procedures for various cannabinoids have been developed and a plethora of studies have been done to assess the effects of delta-9-tetrahydrocannabinol in humans. Still, marijuana continues to be a complicated story, generating a great deal of interest in basic science and forensic laboratories. Research is ongoing in both the analytical and interpretive arenas. This presentation will attempt to provide some of the basics of the chemistry and pharmacology of marijuana. Some tools for interpretation will be presented along with some of the newer research to try and bring attendees more up to date on the current issues regarding this difficult drug.

LC/MS/MS for Screening, Confirmation, and Quantitation of Drugs: Taking the Pain out of Analyzing Pain Killers

Matthew Clabaugh

Business Development Manager in Forensic Toxicology, Applied Biosystems

The analysis of pain killers and benzodiazepines is one of the most time consuming and difficult assays for many Forensic Toxicology laboratories. Chromatography interfaced to mass spectrometry has long been a powerful analytical technique in the analysis of complex mixtures. Over the past 15 years, technological advances have made using LC/MS/MS more “user friendly”, which has led to a drastic increase in its popularity and use over this time period. As a result, LC/MS/MS is currently one of the most utilized analytical techniques. LC/MS/MS can offer the modern Toxicology lab the advantages of high throughput, high sensitivity and dramatic reduction in sample prep. This discussion will focus on how the use of LC/MS/MS and QTRAP technology can make the analysis of opiates and benzodiazepines in blood and urine nothing more than another simple assay.

Understanding Glucuronidation Pathways for Monohydroxylated Warfarin Metabolites Provides Insight for Personalizing Warfarin Therapy

Jeffery Moran, Ph.D

Section Director of Environmental Chemistry, Lead Chemist for Chemical Terrorism, Arkansas Division of Health

The popularity of warfarin and recent findings associating genetic variations with differential warfarin responses has led to the development of programs aimed at determining primary genetic and biochemical factors that explain differential warfarin responses. Personalizing warfarin therapy is estimated to reduce national health-care spending by \$1.1 billion, as well as annually preventing 17,000 strokes and 85,000 serious bleeding episodes (Wall Street Journal, 2007). Hydroxylation of warfarin via CYP450s is well documented; however, its biotransformation by UGTs has not been investigated. The activity of human liver microsomes and eight human recombinant UGTs towards warfarin and its hydroxylated metabolites has been assessed with (R)- and (S)-warfarin, racemic warfarin, 4'-, 6-, 7-, 8-, and 10-hydroxywarfarin. (R)-Warfarin, (S)-warfarin, racemic warfarin, 4'-, and 10-hydroxywarfarin were not glucuronidated. HPLC-UV-Vis assays and HPLC-MS/MS product confirmations show that, of all the UGTs examined, UGT1A10 exhibits the highest glucuronidation activity toward the largest number of monohydroxylated warfarin derivatives tested. Two hepatic UGTs, UGT1A1 and -1A9, are also involved in the glucuronidation of 7- and 8-hydroxywarfarin, respectively. The affinities of these two reactions are relatively high ($K_m = 38 \mu\text{M}$ and $58 \mu\text{M}$, respectively) with each having a V_{max} value of approximately 1 nmol/mg protein/min. Two extrahepatic UGT isoforms, UGT1A10 and -1A8, are acting with low (UGT1A10) and intermediate (UGT1A8) affinity toward 8-hydroxywarfarin. For 8-hydroxywarfarin, the V_{max} value with UGT1A10 was 23.5 nmol/mg protein/min, and 6- and 7-hydroxy warfarin are relatively good substrates for this isoform as well. This is the first demonstration that major CYP450 metabolites of warfarin are glucuronidated by human recombinant UGTs, with UGT1A10 being the major isoform promoting human phase II biotransformation. It is anticipated that recognition of the role of UGT in this process will further enhance our knowledge of the causes of harmful side effects of warfarin administration, which frequently result in life-threatening and costly complications.

“Personalizing warfarin therapy is estimated to reduce national health-care spending by \$1.1 billion...”

Development of Vaccines to Treat METH Addiction and Overdose

Elizabeth M. Laurenzana, Ph.D

Research Assistant Professor, Department of Pharmacology and Toxicology
University of Arkansas for Medical Sciences, Little Rock, Arkansas

Currently, there are no specific pharmacological therapies for the treatment of the medical problems associated with methamphetamine (METH) abuse, or for use in preventing relapse in recovering abusers. A specific therapy that antagonizes METH's effects could potentially be a very useful tool for treating METH overdose and in rehabilitating METH abusers. Due to METH's multiple sites and mechanisms of action, devel-

opment of a traditional receptor agonist or antagonist has not proven successful. An alternative approach is antibody-based therapy. Design of a monoclonal antibody (mAb) with the desired characteristics of high affinity and specificity could be used to antagonize drug effects by binding and neutralizing the drug, rather than by blocking receptors in the brain. Using a rat model of METH overdose, we have shown that anti-METH mAb is effective at reducing METH brain concentrations and reducing METH-induced locomotor activity. Furthermore, in a rat model of relapse to METH use, an anti-METH mAb appears to be effective in preventing return to METH use. These studies demonstrate the feasibility and potential usefulness of anti-METH mAb in the treatment of METH abuse. (Supported by PO1 DA14361 and DA11560)

Methadone Overdose Concentrations

J. Rod McCutcheon, B.S., D-ABFT

Chief Toxicologist, Bexar County Medical Examiner's Office

Methadone, a synthetic narcotic, was first synthesized in 1937 in Germany as a substitute analgesic for morphine. Although it has been available in the United States since 1947, the use of methadone did not become widespread until its use to treat heroin addiction expanded significantly in the early 1990's. More recently, methadone has been used increasingly for the control of chronic pain. Although methadone bears no structural similarity to the opiate alkaloids it acts on the opiate receptors and has comparable analgesic efficacy to morphine. Toxicity from methadone overdose is well documented and the number of fatal methadone exposures in the United States and other countries has increased significantly in the last few years. Three case histories, one involving a young male who ingested a bottle of stolen methadone, will be presented. The problems encountered when trying to decide if a particular blood concentration of methadone is consistent with a fatal overdose will be explored.

Review of Comparison of Hospital Laboratory Serum Alcohol Levels Obtained by an Enzymatic Method with Whole Blood Levels Forensically Determined by Gas Chromatography (Journal of Analytical Toxicology, Volume 31, Number 1, Jan/Feb 2007, p. 23)

James Burris

Forensic Scientist IV, Toxicology, Texas DPS Crime Laboratory Service, Austin, Texas

A summary of the article with discussion of experiences with the conversion of the serum alcohol to whole blood. The use of the hematocrit in the conversion will be covered, as will the pertinence of serum alcohol in forensic cases where no whole blood sample is available.

Dealing with Drug Impaired People

Steven D. Shults

Instructor, Black River Technical College Law Enforcement Training Academy Pochontas, Arkansas

A review of the Drug Recognition Expert (DRE) program in Arkansas.

GUS

Jamie Humphries

Marketing Applications Scientist, Thermo Fisher

General Unknown Screening is a new approach to quickly looking for large numbers of suspected analytes with HPLC/MS/MS. Currently, over 150 drugs and metabolites can be screened with quantitation in a 8 minute HPLC run with from a simple extract. The presentation will discuss the past, present and future improvement to automate the method and increase the number and type of compounds.

"Currently, over 150 drugs and metabolites can be screened with quantitation in a 8 minute HPLC run with from a simple extract. "

Chromatographic Approach to Sample Extraction

Jamie Humphries

Turbo Flow Chromatography is a technique to automate the extraction and concentration of small molecule analytes from biological fluids such as blood, serum and urine. This approach can be automated with LC/MS/MS to provide simple and high throughput assay in clinical and toxicology samples. This technique allows the ability to multiplex the process to provide better cost performance for LC/MS/MS.

Our Qtrap Experience (so far)

John Tarver, MS

Technical Director, Accu-Chem Laboratories, inc.

We made the decision and acquired a Qtrap instrument to help us mainly with post-mortem analysis in our laboratory. We would like to share some of our first 4 months using it.

We will talk about available literature and the problems with it. Also, how the approach differs using LC-MS-MS for screening verses traditional approaches, some of the factors in deciding on the Qtrap or a Triple Quad, how we are currently using it and some of the issues we have encountered.

Some general observations on quantitation methods will also be discussed.

2-D GC/MS and the Deans Switch: Theory and Applications for Forensic Toxicology

Fred Feyerherm

Applications Specialist, Agilent Technologies

This talk describes the design and application of a simplified 2-D GC/MS system based on a Deans switch and a single quadrupole MS. The technique affords analysts very high resolving power. Simplified 2-D GC can be used to accomplish the separation of specific analytes from very complex matrices where, on any single column, the analytes coelute with several other compounds, making their analysis difficult or impossible. This approach can, in many applications, solve difficult analytical problems with a relatively low cost, easy to use system.

Interpretation of Methadone in Forensic Cases

A. Mozayani Ph.D., D-ABFT, T. J. Danielson Ph.D. and L. A. Sanchez M.D.

Harris County Medical Examiner's Office Houston, Texas

Methadone is a synthetic narcotic analgesic and is approximately equipotent to morphine. In addition to use in heroin maintenance programs, it is frequently prescribed in cases of intractable pain. Methadone has become a frequent contributor to deaths. Interpretation of methadone levels in blood is difficult due to rapid development of tolerance and overlapping levels in acute and chronic cases. This presentation will discuss the elements to be considered in the interpretation of methadone in postmortem specimens.

A Novel "Impaired" Driver

T. J. Danielson Ph.D., A. Mozayani Ph.D. D-ABFT and L. A. Sanchez M.D.

Harris County Medical Examiner's Office, Houston, Texas

Schizophrenia is a mental illness characterized by paranoia, disorganized thought processes and an inability to think properly. Each of these disabilities can impact negatively upon a driver's decisions and abilities. Antipsychotic drugs often ameliorate these symptoms but noncompliance is common and relapses into psychotic states do occur. This presenter will discuss a case of a noncompliant driver who became involved in a fatal traffic accident and the investigation that lead to the correct interpretation of the case.

"...discuss a case of a noncompliant driver who became involved in a fatal traffic accident and the investigation that lead to the correct interpretation of the case."

Southwestern Association of Toxicologists

Meeting Grant Application

The SAT Meeting Grant (\$300.00 plus meeting registration) 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 next two meetings.

Guidelines for Meeting Grant

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

Application for the SAT Meeting Grant should be forwarded to:

Ashraf Mozayani
Joseph A. Jachimczyk Forensic Science Center
(713) 796-6830
Ashraf.mozayani@meo.hctx.net

Applicant's Name: _____

Job Title: _____

Mailing Address: _____

Phone: _____

Sponsor: _____ Job Title: _____

Applicant Signature: _____ Date: _____

Date Application received: _____ SAT member verified: _____

Recommendation of committee: _____ Approve _____ Disapprove

Action of Board: _____ Fund _____ Do Not Fund Date: _____

PROFESSIONAL EXPERIENCE

Employer (most recent first)	City, State	Job Title	Dates		Supervisor
			From	To	

ACHIEVEMENT AND DISTINCTION

Please list any publications, patents, certifications, honors or awards, etc. (attach extra sheets if necessary):

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

Applicant's Signature

Date

SPONSOR #1

Name (please print): _____

Signature: _____

Phone: _____

E-mail: _____

S.A.T. member: Yes No

SPONSOR #2

Name: (please print): _____

Signature: _____

Phone: _____

E-mail: _____

S.A.T. member: Yes No

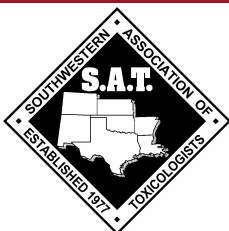
Additional Instructions:

If the applicant does not know two full members of S.A.T., the sponsors should be professional references. For those applicants, please include your curriculum vita along with this application. All applications are submitted to the Board of Directors at each semi-annual meeting (April and November). Pending acceptance, dues will begin with the next fiscal year (July).

Mail completed applications along with the non-refundable \$30 application fee to:

Aria McCall
Dallas County Institute of Forensic Sciences
5230 Medical Center Drive
Dallas, Texas 75235

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SOUTHWESTERN ASSOCIATION OF TOXICOLOGISTS

*How do I...
...send a group E-mail?*

Send your message, comments,
news, etc. to

Sat-tox@yahoogroups.com

...notify of an address change?

Contact our new secretary, Connie
Huber at (316) 383-4500
chuber@sedgwick.gov
and our treasurer, Kathy Erwin at
(512) 424-2105
kjerwin@suddenlink.net

*...nominate someone for the
Charles Tripp award?*

Contact Ashraf Mozayani at
(713) 796-6830 or
Ashraf.mozayani@meo.hctx.net

S.A.T. Board of Directors 2007-2008

- President: Jim Burris
2006-2007
Texas Department of Public Safety
(512) 424-2105
James.burris@txdps.state.tx.us
- President-Elect: Ashraf Mozayani
2006-2007
Joseph A. Jachimczyk Forensic Science Center
(713) 796-6830
Ashraf.mozayani@meo.hctx.net
- Past President: John Tarver, MS, MBA, D-ABFT
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(972) 234-5577
tarverhome@gmail.com
- Secretary: Connie Huber
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Sedgwick Co Forensic Science Center
(316) 383-4500
chuber@sedgwick.gov
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Texas Department of Public Safety
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kathy.erwin@txdps.state.tx.us
kjerwin@suddenlink.net
- Councilor: Paola Merritt
2006-2008
Joseph A. Jachimczyk Forensic Science Center
(713) 796-9292
PMerritt@hctx.net
- Councilor: Greg Jellick
2007-2009
Bexar County Medical Examiner's Office
(210) 335-4076
gjellick@bexar.org

S.A.T. would like to extend
a warm welcome to the fol-
lowing people:

- Becky Carlisle- Arkansas State Crime Lab
- Elizabeth Lowman-Smith- Arkansas State Crime Lab
- Samuel Williams- Arkansas State Crime Lab
- Katie Hand- Texas Department of Public Safety

WELCOME NEW MEMBERS!

NEXT MEETING

Fort Worth

Host: Lisa Fondren

**Fort Worth Hilton
March 13-15, 2008**