



ToxTalk

The official publication of the SOCIETY OF FORENSIC TOXICOLOGISTS, INC.

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October 20-24
Portland, OR

ToxTalk is mailed quarterly (bulk mail) to members of the Society of Forensic Toxicologists, Inc. It is each member's responsibility to report changes of address to the SOFT mailing address (Mesa, AZ - above). Non-members may now receive ToxTalk for \$15 per calendar year. Make your check payable to SOFT and mail it directly to the ToxTalk Editor.

DEADLINES: Feb. 1, May 1, Aug. 1, and Nov. 1.

NEXT DEADLINE: NOVEMBER 1, 2003

PRESIDENT'S MESSAGE

Amanda Jenkins, Ph.D., D-ABC, D-FTCB

I hope all members of SOFT are enjoying the summer and are finding time in your hectic schedules to appreciate the long summer days! Before long we shall be thinking of the fall and our annual meeting in Portland. This year has been a tough one for all in the US, and, therefore, I wish to make a personal invitation to all to make an extra effort to attend this year's meeting, regardless of whether reimbursement is anticipated from employers. Kent Johnson and Vickie Watts and their team have put much effort into planning what promises to be another wonderful meeting - both professionally, scientifically and socially. Dr Barry Logan and Ann Marie Gordon have compiled a stimulating scientific program, with close to 80 abstracts received and 10 workshops addressing analytical issues, pharmacology of several drugs and drug classes and the latest information on ABFT Laboratory accreditation and federally regulated drug testing.

This is the first year we have online registration so please take advantage of this opportunity. The more individuals who use the online facilities the more we are able to work out the bugs. Contact webmaster Dr Bruce Goldberger with comments. Dr Goldberger will provide the membership with an assessment of the new online facilities at the meeting. SOFT has not visited the west coast for a meeting for several years. Portland is a city with many activities for the visitor, and the weather should still be pleasant in October, so come and join your colleagues at the Doubletree Hotel, October 20-24th!

Other members of the organization have also been busy this year. Dr Karla Moore, as Guest Editor, with the help of Dr Barry Levine, has completed preparation of the JAT SOFT special issue. This became a difficult task due to the

fact that Dr Moore was called to active duty during this timeframe and, therefore, she should be commended for her efforts in completing this task. The Continuing Education Committee held a successful seminar in San Antonio, TX, in April. Thanks to Drs. Jufer and Papa, their organizational team and the speakers for their time and effort to bring a SOFT caliber seminar to the local level. The Continuing Education Committee in cooperation with AACC Therapeutic Drug Monitoring and Clinical Toxicology Division will be offering a seminar entitled "Forensic Toxicology Review", August 18-19, 2003, at the Sheraton Imperial, Raleigh-Durham, NC. Look on the SOFT web-site for details. The ERA committee, Chaired by Dr Phil Kemp, has received applications for the new Young Scientist and ERA awards. See details in this issue of the successful applicants.

Also in this issue, the Nominating Committee, consisting of Laurel Farrell [Chair], Dr Edward Cone and Dr Jeri Roper-Miller, has prepared a slate for consideration by the membership. To many, the nominating process is a mystery. In general it is this president's opinion that the Board should reflect the membership. Therefore, all areas of forensic toxicology should be represented. Directors and officers are responsible for running the organization, and, hence, they should have knowledge and experience of how SOFT operates. This may be obtained by activities such as serving on a committee or hosting an annual meeting. Therefore, it is this President's recommendation that those individuals who seek office in SOFT volunteer their services to the organization. Committee decisions are usually made by the incoming president in January each year. For this year, please take time to read the enclosed brief biographies and come to the Business meeting in October prepared to vote! ☺

NO on time + NO online = NO free stuff!!!!

Register for the 2003 SOFT meeting on the convenient SOFT website (<http://www.soft-tox.org>) no later than October 10th and you will receive an attractive, FREE polo-fleece jacket with an embroidered SOFT logo.

CHECK THE SOFT WEBSITE at www.soft-tox.org

WebWizard Bruce Goldberger has been working his magic once again. The username and passwords have been refined. Are you wondering what your new username and password are? From the Member Page, follow the link to "I forgot my password" and enter your e-mail address in the box. Use the new username and password to enter the Member Area. Please update your membership profile including the password - **CHANGE IT NOW**.

Check the website for further details. If your e-mail address is not in the membership directory, please send a message to info@soft-tox.org. And while you're online . . .

Don't forget to click on to the 2003 SOFT Annual Meeting information. Remember, you must register online by October 10th to receive the SOFT fleece jacket. ☺

IMPORTANT SOFT 2003 MEETING INFORMATION

Hotel Accommodations: The Doubletree Hotel Portland-Lloyd Center will be hosting our meeting. The 2003 convention rates will be:

\$128 for standard, one queen bed ☼ \$138 for premium, two queen beds ☼ \$138 for premium, one king bed

You can register online direct with the Portland Doubletree hotel at www.portlandlloydcenter.doubletree.com. Under special accounts enter the SOFT group code, which is SFT. Or you may call the hotel for reservations at (503) 281-6111. The deadline for hotel reservations to get the special SOFT group rate is September 28, 2003.

Airport and Transportation: You will be flying into the newly renovated Portland, PDX Airport, which is only about 10 miles from the hotel. Most of the major airlines have flights in and out of PDX on a regular basis.

There is also light rail service (*TriMet-MAX*: www.tri-met.org) from the airport that makes a stop directly at the hotel and currently cost \$1.55. The MAX Red Line operates between downtown Portland and the Portland International Airport (PDX), with no transfers required. This convenient light rail service, once at the hotel, is free anywhere within the major Portland downtown area. The hotel will also provide a limited free shuttle service to/from the airport. Rental car service is also available at the airport, and some rental car services are near the hotel.

Check the SOFT Website: Full details of the program are being updated regularly on the SOFT website at www.soft-tox.org. Also new this year is online registration! You must register via the website no later than October 10 to receive the FREE polo-fleece jacket with an embroidered SOFT logo. Visit the SOFT website now for all the latest news.

IMPORTANT DEADLINES: Hotel registration deadline is Friday, **September 28**, 2003 to receive the special SOFT-2003 rates. The deadline for the SOFT-2003 meeting registration with no LATE FEES is Friday **September 5**, 2003. After September 5, 2003, there will be an additional \$100 fee attached to all registrations. This will be a firm deadline. The deadline for all online meeting registrations, both ontime-online and online late registration, will be **October 10**, 2003. After October 10, 2003, only onsite registration will be available and the late fee will be applied. ☼

SOFT 2003 Annual Meeting Committee Members:

	Phone	FAX	E-mail
Meeting Hosts			
Kent Johnson	503-413-2069	503-413-4621	kent.johnson1@attbi.com
Vickie Watts	480-236-4968	480-831-8091	toxilady@aol.com
Scientific Program			
Barry Logan, Ph.D.	206-262-6000	206-262-6145	barry.logan@wsp.wa.gov. (new)
Ann Marie Gordon	206-262-6100	206-262-6145	agordon@wsp.wa.gov
Vendor Liaison			
Lisa O'Dell	303-477-5976	303-561-3803	NomadLee9@aol.com



LAST MINUTE CHANCE TO REGISTER FOR SOFT C.E. COURSE

The SOFT Continuing Education Committee, in cooperation with AACC Therapeutic Drug Monitoring and Clinical Toxicology Division, will be offering a seminar entitled **Forensic Toxicology Review** on August 18 and 19, 2003, at the Sheraton Imperial, Raleigh-Durham, NC. This 1½ day seminar will provide a detailed introduction to forensic toxicology for students, medical technologists, and multidisciplinary professionals seeking a review of forensic toxicology. The topics of this overview workshop include principles of drug action, sample preparation and analysis, and discussion of specific drug classes. For more information and to register, visit www.soft-tox.org/ConEd/default.asp. The published deadline for registration is August 8, 2003. ☼



**SOFT 2003 Annual Meeting
Portland, Oregon**

PRELIMINARY PROGRAM

Saturday October 18th

8:00 am – 5:00 pm SOFT/AAFS/NSC Workgroup on
Drugs and Driving

Sunday October 19th

12:00 pm – 5:00 pm National Safety Council Executive
Board Meeting

Monday October 20th

8:00 am – 12:00 pm ABFT Exam
 9:00 am – 10:30 am ABFT Accreditation Committee
 12:00 pm – 5:00 pm ABFT Board Meeting
 8:00 am – 5:00 pm W-1: Chemical, Biological and
Nuclear Threat: Challenges for the
Toxicologist (Aaron Jacobs, Chair)
 8:00 am – 12:00 pm W-2: Forensic Toxicology of Metals
(Rob Middleberg, Chair)
 8:00 am – 12:00 pm W-3: Principles of Sample
Preparation (John Cody, Chair)
 1:30 pm – 5:00 pm W-4: Practical Applications for
LCMS in Routine Toxicology
Testing (Rod McCutcheon, Chair)
 1:30 pm – 5:00 pm W-5: Forensic Toxicology of
Methadone (Ann Marie Gordon,
Chair)

Tuesday October 21st

6:30am FUN RUN - Contact Karla Moore
 8:00 am – 5:00 pm W-6: Feeling Blue? -
Antidepressant Workshop!
(Rebecca Jufer, Chair)
 8:00 am – 12:00 pm W-7: Preparation and Planning for
Laboratory Accreditation by the
American Board of Forensic
Toxicology (Yale Caplan, Chair)
 8:00 am – 12:00 pm W-8: Developments in Federally
Regulated Drug Testing (Donna
Bush, Chair)
 1:30 pm – 5:00 pm W-9: Toxicology in the Emergency
Room (Kari Blaho, Chair)
 1:30 pm – 5:00 pm W-10: Developments in Pharma-
cology of Antiepileptic Drugs
(Jeri-Roper Miller, Chair)
 6:30 pm – 9:00 pm **SOFT Welcome Reception**

Wednesday October 22nd

8:30 am Plenary 1: *Current Approaches to Pain
Management*
Dr. Robert Julien, Oregon Health
Sciences University
 9:15 am – 3:00 pm Scientific and Poster Sessions
 3:30 pm – 5:00 pm **SOFT Business Meeting**
 6:00 pm – 7:30 pm Happy Hour with Exhibitors
 7:30 pm – 9:00 pm Elmer Gordon Open Forum

Thursday October 23rd

7:00 am – 8:30 am ABFT Breakfast
 8:30 am Keynote address: *National Policy Initiatives
on Drugs and Driving*
Mr. John Horton, President's
Office of National Drug Control
Policy
 9:15 am – 12:00 pm Scientific and Poster Sessions
 1:30 pm Plenary 2: *Mechanisms Underlying Tolerance
to Methamphetamine*
Dr. Diana Wilkins, Center for
Human Toxicology
 2:30 pm – 5:00 pm Scientific Sessions
 6:30 pm – 11:30 pm **SOFT President's Reception**
Oregon Museum of Science and
Industry (<http://www.omsu.edu/>)

Friday October 24th

8:30 am Plenary 3: *A serial Arsenic and Thallium
Poisoning in a Small Midwestern
Town.*
Dr. Dan Rusyniak, Indiana
University Department of
Toxicology
*Recent research hair analyses
from Napoleon confirms chronic
exposure to arsenic.*
Dr. Pascal Kintz, Institut de
Médecine Légale, Strasbourg,
France
 9:15 am – 12:00 pm Scientific Sessions
 12:00 pm – 1:30 pm **Farewell Luncheon**

***This information is reliable as of 7/16/03.
Check the SOFT website for any changes.***



SOFT 2003 ANNUAL MEETING
Doubletree -Lloyd Center, Portland, Oregon
October 20-24, 2003



WEBSITE REGISTRATION WORKSHEET

You must register online to receive the *FREE* polo-fleece jacket with embroidered SOFT logo and a ticket to the President's reception at the OMSI museum. **To register by mail:** copy this form, complete and mail to: SOFT-2003 Meeting Registration, P O Box 5543, Mesa, AZ 85211-5543 with payment to SOFT-2003 (US funds only)

SOFT Registration on the SOFT website is through PayPal, a secure site, which accepts the most major credit cards or payment though routing of checks drawn on a U.S. or international bank. It's easy! **DEADLINE : OCTOBER 10, 2003.**

- Access the SOFT website at <http://www.soft-tox.org>.
- Type the information requested (your name, degree, the name to appear on your badge, title, agency, address, e-mail, telephone, fax, accompanying person/s).
- Make your meeting selections as noted below
- Complete the credit card payment information

	Member	Non-Member	Qty.	TOTAL
FULL MEETING REGISTRATION (Late Fee Applies after 9/05/03) Includes: Admission to scientific sessions, Abstract Book, SOFT jacket , Coffee Breaks, Continental Breakfasts, Welcoming Reception, Luncheons, Tuesday Happy Hour, Elmer Gordon Forum, and President's Reception	\$185.00	\$275.00	___	\$ _____ Enter jacket size online
ACCOMPANYING PERSON REGISTRATION (Available only with full meeting registration). Includes: All the above <u>except</u> Abstract Book and Jacket	\$150.00	\$225.00	___	\$ _____
FULL-TIME STUDENT (Proof of full-time status required)	\$95.00	\$95.00	___	\$ _____
LATE-FEE (Applies after September 5 to EACH of above registrations) <u>After October 10, 2003- only On-Site Registration is available</u>	\$100.00	\$100.00	___	\$ _____
PRESIDENT'S RECEPTION - ADDITIONAL TICKETS (Additional tickets for non-registrants only available prior to October 10)	\$75.00	\$95.00	___	\$ _____
ON-SITE REGISTRATION (President's Reception and polo-fleece jacket NOT included)	\$285.00	\$375.00	___	\$ _____
Workshop # 1: Chemical, Biological and Nuclear Threat: Challenges for the Toxicologist.	\$100.00	\$150.00	___	\$ _____
Workshop # 2: Forensic Toxicology of Metals	\$50.00	\$75.00	___	\$ _____
Workshop # 3: Principles of Sample Preparation	\$50.00	\$75.00	___	\$ _____
Workshop # 4: Practical Applications for LCMS in Routine Toxicology	\$50.00	\$75.00	___	\$ _____
Workshop # 5: Forensic Toxicology of Methadone	\$50.00	\$75.00	___	\$ _____
Workshop # 6: Feeling Blue? Antidepressant Workshop!	\$100.00	\$150.00	___	\$ _____
Workshop # 7: Preparation and Planning for Laboratory Accreditation by the American Board of Forensic Toxicology (ABFT).	\$50.00	\$75.00	___	\$ _____
Workshop # 8: Developments in Federally Regulated Drug Testing	\$50.00	\$75.00	___	\$ _____
Workshop # 9: Toxicology in the Emergency Room	\$50.00	\$75.00	___	\$ _____
Workshop # 10: Developments in Pharmacology of Antiepileptic Drugs	\$50.00	\$75.00	___	\$ _____
ABFT Breakfast (Diplomates and Specialists)	\$25.00	\$25.00	___	\$ _____
ID BADGE WILL BE REQUIRED FOR ALL FUNCTIONS. TICKET REQUIRED FOR PRESIDENT' RECEPTION.			TOTAL	\$ _____

Refunds upon written request before 9/05/03 less \$75 fee. **NO REFUNDS after 9/05/03.**

NOMINATING COMMITTEE PRESENTS SLATE FOR 2004

The Nominating Committee, comprised of Laurel Farrell, Chair, Dr. Edward Cone and Dr. Jeri Roper-Miller, present the following candidates for officers and directors of SOFT for 2004. The treasurer and three additional directors will remain on the 2004 SOFT Board to complete their terms of office.

PRESIDENT: Daniel S. Isenschmid, Ph.D., DABFT

Daniel S. Isenschmid is currently Chief Toxicologist at the Office of the Wayne County Medical Examiner as well as a Clinical Assistant Professor and Adjunct Assistant Professor, respectively, at Wayne State University's School of Medicine and College of Pharmacy and Allied Health Professions. Dr. Isenschmid received his B.S. degree in Biology from Adelphi University and his M.S. and Ph.D. degrees in pathology and forensic toxicology, respectively, from the University of Maryland at Baltimore, School of Medicine.

An active member of SOFT since joining as a student member in 1984, Dan was the recipient of the SOFT Educational Research Award in 1984, 1986 and 1988. Since becoming a full SOFT member, Dr. Isenschmid has served as Chairman of the Health and Safety Committee (1995-1997), member of the Educational Research Award Committee (1994-1998), coordinator of special events for the 1995 annual meeting and a member of the ToxTalk Editorial Board (1997-1999). In addition to being a reviewer for many SOFT

special issues of the Journal of Analytical Toxicology, he served as Co-Editor for the 1998 special issue. Dr. Isenschmid served on the Board of Directors from 1996-2000 before becoming Treasurer (2001-2002) and Vice President (2003). Last year he co-hosted the SOFT Annual Meeting in Dearborn, Michigan.

In addition to his activities with SOFT, Dr. Isenschmid is on the Board of Directors of the American Academy of Forensic Sciences. He is a Diplomate and Secretary of the American Board of Forensic Toxicology, an associate editor for the Journal of Analytical Toxicology, and an inspector for the National Laboratory Certification Program and the College of American Pathologists. Dr. Isenschmid has contributed to numerous scientific papers and presented many lectures in various topics related to forensic toxicology to graduate and undergraduate students, pathologists, toxicologists, law enforcement personnel and attorneys. He has also served on the Drug Testing Advisory Board for the Department of Health and Human Services.

Vice-President: Graham R. Jones, Ph.D., DABFT

Dr. Graham R. Jones is Chief Toxicologist for the Alberta Office of the Chief Medical Examiner, in Edmonton. Originally qualifying as a Pharmacist in the U.K., Graham later earned his Ph.D. degree in Pharmaceutical Chemistry (Drug Metabolism), from Chelsea College at the University of London. Dr. Jones subsequently moved to Canada for a fellowship at the University of Alberta, later joining the University of Alberta Hospital as a Senior Scientist / Clinical Toxicologist. In 1981 he joined the Alberta Medical Examiner's Office as director of the new toxicology laboratory.

Dr. Jones has been very active in his profession, and is a member of several professional organizations in Canada, the U.K. and the U.S.A. . Currently, Graham is completing a 2-year term as Secretary of SOFT and chair of the Membership Committee and previously served a 3-year term as a SOFT director. He has been a member of the SOFT/AAFS Laboratory Guidelines Committee since

its formation in 1988 and chairman since 1993.

He hosted the 1987 meeting of the International Association of Forensic Toxicologists (TIAFT) in Banff, Alberta, and has served as Chairman of the Toxicology Section of the Canadian Society of Forensic Science (CSFS). Dr. Jones also served as Toxicology Section Chair in the American Academy of Forensic Sciences (AAFS), on numerous committees, and is the immediate Past-President. Dr. Jones has played an active role in the development and operation of the ABFT Forensic Laboratory Accreditation Program, is certified as a Diplomate of the American Board of Forensic Toxicology (ABFT), has served on its Board of Directors since 1991, and is Chair of the Laboratory Accreditation Committee. He has been an inspector with the National Laboratory Certification Program (RTI/SAMHSA) since 1988, and is also a laboratory assessor for the Standards Council of Canada.

(SLATE continued next page . . .)

**Cast your vote at the 2003 SOFT ANNUAL MEETING in Portland.
Remember, only FULL members (including Charter) may vote.**

Secretary: Diana Wilkins, Ph.D.(2-yr term)

Diana G. Wilkins is currently Co-director of the Center for Human Toxicology at the University of Utah Health Sciences Center and holds a faculty position as Research Associate Professor in the Department of Pharmacology and Toxicology at the University of Utah. Previously, Dr. Wilkins served as Assistant Director, Quality Control /Quality Assurance Manager and Senior Toxicologist at the Center for Human Toxicology.

Dr. Wilkins received a B.S. (1985), M.S. (1988) and Ph.D. (1991) from the University of Utah. Her post-doctoral education included training in toxicology and pharmacology, with particular emphasis on drugs of abuse. She is an NLCP laboratory inspector and a laboratory assessor for the Standards Council of Canada. Dr. Wilkins was a member of the Drug Testing Advisory Board of the Division of Workplace Performance (HHS) from 1994-1997. She has also served as an Ad Hoc member of several NIH/NIDA study sections and is currently a member of the FDA's Clinical Chemistry and Clinical Toxicology Devices Panel of the Medical Devices Advisory Committee.

Dr. Wilkins belongs to several scientific associations including SOFT, AAFS, and TIAFT. She has been an active member of SOFT since 1994 and has co-authored 19 abstracts presented at the SOFT Annual Meetings (1995-2002). Dr. Wilkins has served as faculty for three SOFT-sponsored meeting workshops (1996, 1998, 2000), as well as a SOFT Educational Workshop on "Derivatization" conducted at a regional toxicology meeting. She co-hosted the 1997 SOFT Annual Meeting (Utah) and served as a Co-editor of the 2000 SOFT JAT Special Issue. Dr. Wilkins has served as a member of the SOFT Board as Director (2000-2002), SOFT Executive Board Member (2002-present) and SOFT Membership Committee (2002-present).

Dr. Wilkins has published over 60 scientific articles in the areas of analytical toxicology and pharmacology. Her research interests include investigation of the disposition of drugs of abuse in biological matrices, as well as applications of mass spectrometry in biomedical research.

Additional Director: Bradford Hepler, Ph.D., DABFT (3-year term)

After receiving his B.S. degree in Chemistry in 1969 from California State Polytechnic University at San Luis Obispo, Dr. Bradford R. Hepler served six years in the United States Air Force. In 1981, he received his Ph.D. degree in Chemistry (Analytical) from McGill University in Montreal. He was employed at the Cuyahoga County Coroner's Office in Cleveland in 1980 where he trained under Dr. Irving Sunshine and held two university appointments.

Brad Hepler has been with the Wayne County MEO in Detroit, MI, since 1990 and is now the Laboratory Director. Dr Hepler holds appointments at Wayne State University in Detroit as Clinical Assistant Professor in the Department of Pathology and as an Adjunct Professor in the Department of Pharmaceutical Sciences. His research interests include the analytical, clinical and forensic aspects of toxicology, as well as utilizing computer, chromatographic and electroanalytical methods in solving problems related to these disciplines. He has authored, co-authored and presented over fifty papers on these topics.

A SOFT member for many years, Dr. Hepler has

served on the Method Evaluations Committee in 1985, on the ToxTalk Editorial Board 1990-1993, and as co-editor of the 1998 Journal of Analytical Toxicology/SOFT special issue. He is also a member of the Meetings Resource Committee 1999-present and was a co-host of the 2002 Annual Meeting held in Dearborn, MI.

Dr. Hepler is a Diplomate of the American Board of Forensic Toxicology (DABFT), an AAFS fellow and recipient of the 1998 AAFS Toxicology Section Ray Abernethy Award. He has been AAFS Toxicology Section Program Chair 1999-2000, AAFS Toxicology Section Secretary 2000-2001, AAFS Toxicology Section Chair, a member of the AAFS Nominating Committee in 2001-2002 and served on the AAFS Toxicology Section Nominating Committee in 2002-2003. He is also a member of multiple toxicology and chemistry professional organizations, including AACC, CAT, ASCP, and MATT, as well as a registered Medical Technologist (MT-ASCP) and a licensed Clinical Laboratory Scientist with the State of California. Dr. Hepler is a laboratory inspector for CAP, NLCP, and the ABFT Postmortem Laboratory Accreditation program.

Additional Director: Ruth Winecker, Ph.D. (3-year term)

Ruth E. Winecker, Ph.D., is currently the Chief Toxicologist for the State of North Carolina's Office of the Chief Medical Examiner in Chapel Hill. She served as the Deputy Chief Toxicologist from 1996-1999.

Dr. Winecker was a laboratory technician with SmithKline Laboratories where she primarily tested for performance enhancing drugs during the 1996 Summer Olympics. Previously, she was employed as a chemist/certifying scientist with an FUDT laboratory and

a technician in the analytical laboratory of a chemical manufacturing company.

Dr. Winecker received a BS (Cum Laude) degree in Biology from Oglethorpe University in Atlanta (1987) and a Ph.D. degree specializing in Forensic Toxicology and Clinical Chemistry from the University of Florida College of Medicine in Gainesville (1996). Her doctoral research focused on the determination of

(Continued next page . . . SLATE: Dr. Winecker)

cocaine and its metabolites in specimens of neonatal and maternal origin.

Dr. Winecker has published articles, book chapters and abstracts related to forensic toxicology. Additionally, she is a Clinical Assistant Professor at the University of North Carolina School of Medicine, Department of Pathology and Laboratory Medicine.

An active member of and the Society of Forensic Toxicologists and the American Academy of Forensic Science. Dr. Winecker has served as an abstract reviewer and moderator since 2000 and has continually presented research data at both the AAFS and SOFT annual meetings since 1998. She has been a reviewer for the Journal of Analytical Toxicology since 1996.

Dr. Winecker has attended every SOFT Annual Meeting since 1998 and served as a reviewer for the SOFT/JAT special issues (2002-2002) a member of the SOFT Budget Finance Audit Committee (2000-2003), co-chair for the SOFT 2007 annual meeting (Raleigh-Durham, NC), an editor for Forensic Science Review SOFT Drug Monographs (Volumes 14 and 15), chair of the SOFT Budget Finance Audit Committee (2003-present), and co-host and presenter at the SOFT continuing education workshop *Forensic Toxicology Review* in Raleigh-Durham, North Carolina (August 18-19, 2003).



2003 SOFT AWARDEES ANNOUNCED

The Educational Research Awards Committee, Phil Kemp (Chair), Vina Spiehler, and Tom Kupiec, have completed the honor of identifying the winners of the annual SOFT ERA awards as well as the new Young Scientist Meeting Award. Each awardee will receive basic meeting registration for the 2003 SOFT Annual Meeting as well as \$1,000 to offset additional meeting-related expenses. Their work will be presented at the SOFT meeting in Portland.

2003 EDUCATIONAL RESEARCH AWARD

Dustin C. Yaworsky: *The Use of Plasma Metanephrine/Normetanephrine Ratio to Determine an Exogenous Epinephrine Administration in Suspected Epinephrine Poisonings.* University of Connecticut; Dennis W. Hill, Ph.D., advisor.

Jimmy Crockett, Jr.: *Pharmacogenomics as an Adjunct to Death Certification of Amitriptyline, Nortriptyline, Clomipramine, and Fluoxetine.* University of Wisconsin-Milwaukee; Steven H. Wong, Ph.D.,* advisor.

YOUNG STUDENT MEETING AWARD

Justin L. Poklis, B.S.,* *Case Report: Metaxalone (Skelaxin) Related Death.* Office of the Chief Medical Examiner, Chapel Hill, NC, Jeri D. Roper-Miller, Ph.D. advisor.

Congratulations to these honorees. We look forward to following their future work.

*designates SOFT member

CAREER OPPORTUNITIES

Positions available are listed for the consideration of SOFT members. There is no fee for this service. The information will be repeated in the next issue only if the person who submitted it confirms the information. If you have a job position available, e-mail ToxTalk Editor Monforte at DrMonforte@aol.com.

SENIOR BIOANALYST/MASS SPECTROMETRIST: Ph.D. or education+experience and at least 3 yrs GC or LC-MS/MS experience required. Investigate and apply new existing technologies for the screening and confirmation of abused substances in oral fluids; develop testing methods for drugs abused by healthcare professionals from various bio matrices; and develop, validate and apply quantitative/semi-quantitative LC-MS/MS and GC-MS/MS methods for these drugs and metabolites. Contact Michael Feldman, Northwest Drug Testing, Salt Lake City; mfeldman@nwtinc.com

TOXICOLOGIST: Full time, night shift. Legacy Health System, Portland, Oregon. Call Vajuanique Lord at 1-866-888-4428 x5.

Check the SOFT Website for additional listings. ☞

DRUGS IN THE NEWS



Illinois First State to Ban Diet Herb Ephedra

Submitted by Joseph R. Monforte, Ph.D., DABFT,
Forensic Toxicology Consultant, Cave Creek, AZ

In May 2003 the Governor of Illinois signed the nation's first statewide ban on ephedra. Present at the signing were the parents of a 16-year old who died of a heart attack, supposedly after using the diet supplement in an effort to make the first-string football team.

The herbal supplement is sometimes marketed as an athletic performance enhancer and has been blamed for nearly 120 deaths. Ephedra drew national attention after officials investigating the February 2003 heat stroke death of Baltimore Orioles pitching prospect Steve Bechler linked the death to a diet pill containing ephedrine.

The American Heart Association has urged a ban on ephedra sales. ☹

TOXICHEM + KRIMTECH

Submitted by Donald Kippenberger, Ph.D.

DETECTION OF COCAINE IN ORAL FLUID SAMPLES AFTER THE CONSUMPTION OF BOLIVIAN COCA TEA AND CONFIRMATION VIA GCMSMS by S Steinmeyer, G Saucedo, R Polzius, S Niedbala, D Fritch, A Manns, 70(1):29, 2003

Objectives: There have been numerous investigations to determine Cocaine (COC) and Benzoylecgonine (BE) in blood and urine after ingestion of Coca Tea; however, oral fluid samples were not included in these studies until now. In this report the Draeger Drug Test[®] was tested after consumption of coca tea to determine the detectable levels of COC and BE in oral fluid samples as confirmed by GC/MS/MS.

Method: Oral fluid was taken from three volunteers, using the Drug Test collection device before and after consumption of approximately 200 ml of Coca Tea. In parallel, urine samples were collected up to 42 hours post ingestion and analyzed by the MAHSAN DOA4 on-site immunoassay. After testing, the Drug Test cassettes were submitted for confirmation analysis by GC/MS/MS of the oral fluid samples.

Results: Both COC and BE could be detected in oral fluid after drinking Coca Tea. COC was found in less than one hour and BE was found up to 22.5 hours (Subject A) to 27.5 hours (Subject B) after consumption.

In all cases, the on-site urine screening showed longer positive results in comparison to oral fluid. Subject C tested positive for 42 hours post consumption. Using a GC/MS/MS LOD of 0.4 ng/ml BE, the Draeger Drug Test[®] demonstrated a sensitivity, specificity and accuracy of 86%, 87% and 86%, respectively.

Discussion: These findings suggest that oral fluid is a useful alternative matrix for monitoring COC and BE with a detection window of up to 27 h post consumption of a small cup of Coca Tea. ☹

CALL FOR CASE NOTES

We need your contribution! This need not take much time.

Your case note should be ½ to 1 page, submitted in Microsoft Word, Arial font, size 10 preferred. Submit to:
Joseph R. Monforte, Ph.D., DABFT, ToxTalk Editor
E-mail: DrMonforte@aol.com

Other items of interest to SOFT members are also welcome.

NEXT DEADLINE: NOVEMBER 1, 2003

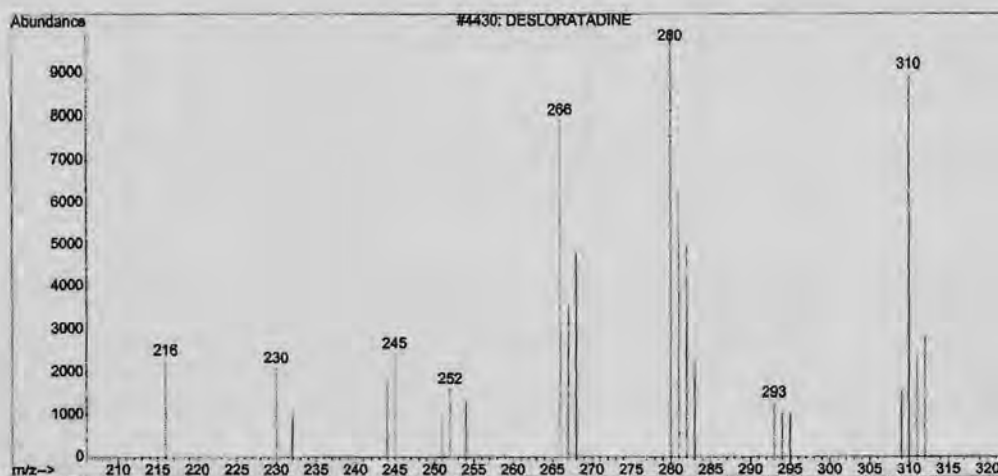
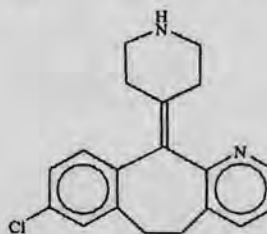
Desloratadine or Clarinex®

Submitted by Dan Anderson - Los Angeles County Dept. of Coroner

New orally-administered antihistamine that is generally known as the main metabolite of loratadine or Claratin®, Desloratadine is a long-acting tricyclic histamine antagonist that is prescribed as a light blue, round, film-coated tablet with 5 mg of drug.

Chemical Properties

- 8-chloro-6,11-dihydro-11-(4-piperidinylidene)-5H-benzo[5,6]cyclohepta[1,2-b]pyridine
- $C_{19}H_{19}ClN_2$
- Molecular weight 310.8
- Desloratadine is a basic drug that can be extracted with an n-butylchloride liquid/liquid extraction and can be detected after an acid back extraction.
- Detection of Desloratadine is possible on either a GC/NPD or GC/MS.



Ions: 280, 310, 266, 245, & 230 m/z

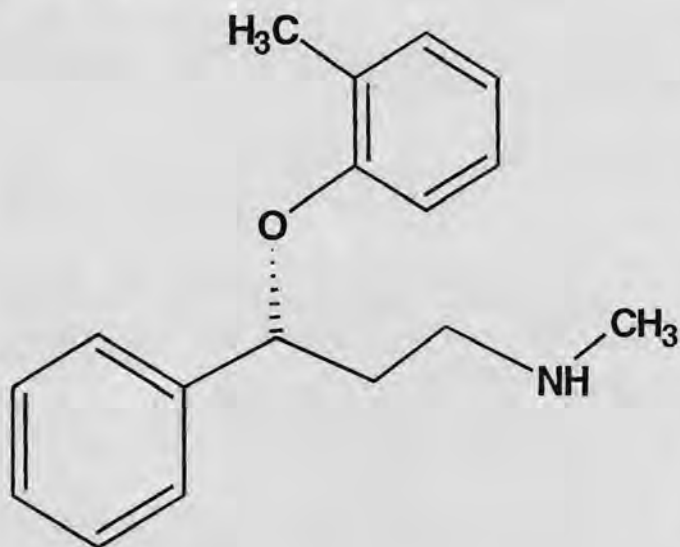
- Relative retention time of Desloratadine (1.55/Carbinoxamine) to other commonly encountered basic drugs are as follows: Oxycodone, Norpropoxyphene, Paroxetine, **Desloratadine**, Fentanyl, Olanzapine, Zolpidem

Pharmacology

- Maximum plasma concentrations (T_{max}): 3 hours post dose
- Half-life: 27 hours
- Extensively metabolized to 3-hydroxydesloratadine (active metabolite), which is subsequently glucuronidated.

ATOMOXETINE HCl

Submitted by H. Chip Walls



Generic/Common Name: atomoxetine HCl, previously known as tomoxetine.

Trade Name: STRATTERA® E. Lilly

Chemical Classification:

CAS Chemical Name: The chemical designation is (-)-N-methyl-3-phenyl-3-(*o*-tolyl-oxy)-propylamine hydrochloride.

The molecular formula is C₁₇H₂₁NO·HCl
The molecular weight is 291.82.

Each capsule contains atomoxetine HCl equivalent to 5, 10, 18, 25, 40, or 60 mg of atomoxetine.

Physical/Chemical Properties: Atomoxetine HCl is a white to practically white solid, which has a solubility of 27.8 mg/mL in water.

Therapeutic Classification: Atomoxetine is a selective norepinephrine reuptake inhibitor. FDA approval December 2002 as the first non-stimulant treatment of Attention-Deficit/Hyperactivity Disorder (ADHD).

Pharmacological Activity: The precise mechanism by which R(-) isomer of atomoxetine produces clinical effects is not completely understood, but is thought to be related to selective inhibition of the pre-synaptic norepinephrine transporter. Atomoxetine binding sites in the CNS are consistent with the known distribution of NE-containing neurons.

PHARMACOKINETICS:

Absorption: Well-absorbed after oral administration and is affected by food. Absolute bioavailability of about 63% in EMs and 94% in PMs.

Peak: C_{max} are reached approximately 1 to 2 hours after dosing.

Distribution: 98% of atomoxetine in plasma is bound to protein, primarily albumin. Steady-state volume of distribution after intravenous administration is 0.85 L/kg indicating that atomoxetine distributes primarily into total body water.

Metabolism: Primarily through the CYP2D6, subject to PM/FM. The major metabolite is 4-hydroxyatomoxetine, which is glucuronidated. 4-Hydroxyatomoxetine is equipotent to atomoxetine as an inhibitor of the norepinephrine transporter but circulates in plasma at much lower concentrations.

Elimination: Eliminated primarily by oxidative metabolism through the cytochrome P450 2D6 (CYP2D6) enzymatic pathway and subsequent glucuronidation. Atomoxetine is excreted primarily as 4-hydroxyatomoxetine-O-glucuronide, mainly in the urine (greater than 80% of the dose) and unchanged atomoxetine (less than 3% of the dose). Elimination T_{1/2} in FM is 6-8 hrs and 19 hrs in PM.

Half-life: About 5 hours. However, clinical effects persist longer, with once-daily dosing, despite low drug concentrations.

STRATTERA® (atomoxetine HCl) NDA 21-411 Package Insert E. Lilly

Atomoxetine (strattera) for ADHD. **The Medical Letter On Drugs And Therapeutics**, 45(1149):11-12, 2003.

Bymaster, F.P.; Gehlert, D.; Nelson, D.; Threlkeld, P.; Hemrick-Luecke, S.; Katner, J.; Heiligenstein, J.; Morin, S.M.; Wong, D.T.; and Perry, K. *Atomoxetine increases cortical levels of norepinephrine and dopamine: A proposed mechanism of action in ADHD.* **European Neuropsychopharmacology**, 12(3):418, 2002.

Bymaster, F.P.; Katner, J.S.; Nelson, D.L.; Hemrick-Luecke, S.K.; Threlkeld, P.G.; Heiligenstein, J.H.; Morin, S.M.; Gehlert, D.R.; and Perry, K.W. *Atomoxetine Increases Extracellular Levels of Norepinephrine and Dopamine in Prefrontal Cortex of Rat: A Potential Mechanism for Efficacy in Attention Deficit/Hyperactivity Disorder.* **Neuropsychopharmacology**, 27(5):699-711, 2002.

Mattiuz, E.L.; Ponsler, G.D.; Barbuch, R.J.; Wood, P.G.; Mullen, J.H.; Shugert, R.L.; Li, Q.; Wheeler, W.J.; Kuo, F.; and Conrad et, a. *Disposition and metabolic fate of atomoxetine hydrochloride: pharmacokinetics, metabolism, and excretion in the Fischer 344 rat and beagle dog.* **Drug Metabolism And Disposition: The Biological Fate Of Chemicals**, 31(1):88-97, 2003.

Sauer, J.-M.; Ponsler, G.D.; Mattiuz, E.L.; Long, A.J.; Witcher, J.W.; Thomasson, H.R.; and Desante, K.A. *Disposition and Metabolic Fate of Atomoxetine Hydrochloride: The Role of CYP2D6 in Human Disposition and Metabolism.* **Drug Metabolism And Disposition: The Biological Fate Of Chemicals**, 31(1):98-107, 2003.

Chalon, S.A.; Desager, J.-P.; DeSante, K.A.; Frye, R.F.; Witcher, J.; Long, A.J.; Sauer, J.-M.; Golnez, J.-L.; Smith, B.P.; Thomasson, H.R.; and Horsmans, Y. *Effect of hepatic impairment on the pharmacokinetics of atomoxetine and its metabolites.* **Clinical Pharmacology & Therapeutics**, 73(3):178-191, 2003.

Belle, D.J.; Ernest, C.S.; Sauer, J.-M.; Smith, B.P.; Thomasson, H.R.; and Witcher, J.W. *Effect of potent CYP2D6 inhibition by paroxetine on atomoxetine pharmacokinetics.* **Journal Of Clinical Pharmacology**, 42(11):1219-1227, 2002.

Ring, B.J.; Gillespie, J.S.; Eckstein, J.A.; and Wrighton, S.A. *Identification of the human cytochromes P450 responsible for atomoxetine metabolism.* **Drug Metabolism And Disposition: The Biological Fate Of Chemicals**, 30(3):319-323, 2002.

Spencer, T., and Biederman, J. *Non-stimulant treatment for Attention-Deficit/Hyperactivity Disorder.* **Journal Of Attention Disorders**, 6(1):S109-S119, 2002.

Pliszka, S.R. *Non-stimulant treatment of attention-deficit/hyperactivity disorder.* **CNS Spectr**, 8(4):253-258, 2003.

Michelson, D.; Allen, A.J.; Busner, J.; Casat, C.; Dunn, D.; Kratochvil, C.; Newcorn, J.; Sallee, F.R.; Sangal, R.B.; and Saylor et, a. *Once-daily atomoxetine treatment for children and adolescents with attention deficit hyperactivity disorder: a randomized, placebo-controlled study.* **The American Journal Of Psychiatry**, 159(11):1896-1901, 2002.

Newcorn, J.H. *Once-daily atomoxetine treatment for children and adolescents with attention deficit hyperactivity disorder: a randomized, placebo-controlled study.* **Current Psychiatry Reports**, 5(2):86, 2003.

Spencer, T.J.; Biederman, J.; Wilens, T.E.; and Faraone, S.V. *Overview and neurobiology of attention-deficit/hyperactivity disorder.* **The Journal Of Clinical Psychiatry**, 63(12):3-9, 2002. ☞



BUDGET, FINANCE & AUDIT COMMITTEE

The Budget Finance and Audit Committee reviewed the SOFT financial records for the period September 01, 2002, through December 31, 2002. Chair Ruth Winecker and her committee (Dan Anderson and Bob Turk) found the records in good order and properly balanced. The committee also reported that the 2002 annual meeting records, which included a summary report and transactional detail by account, were very detailed and also appeared to be properly balanced and in good order. ☞

Annual Business Meeting Minutes of the Society of Forensic Toxicologists, Inc.

October 16, 2002

The Annual Business meeting of the Society of Forensic Toxicologists, Inc., (SOFT) was held on October 16, 2002 in Dearborn, MI. President Laurel Farrell called the meeting to order at 4:10 p.m. and requested that the Secretary establish a quorum. A quorum of greater than 52 voting members was present. Upon a motion duly made, seconded and passed, the agenda was approved with the addition of the Nominating Committee report. By a motion duly made, seconded and passed, the minutes of the annual business meeting of the Society of Forensic Toxicologists, Inc., of October 3, 2001, as published in **ToxTalk**, were approved by acclamation.

President's Report: *Laurel Farrell, B.A.* - President Farrell thanked the members and officers of SOFT for their support over the past year, as well as the vendors who had supported the annual meeting, and the administrative assistant in Mesa, Bonnie Fulmer. She noted that **ToxTalk** would continue to be mailed to members as well as on the web site. Over the coming few months, the web site would be upgraded to allow new capabilities. A database would be created that would allow membership information to be easily updated, as well as assist the meeting hosts. President Farrell also requested feedback from the membership over a proposal to offer a young scientist award, to pay for travel of successful applicant junior toxicologists to the SOFT annual meeting.

Secretary's Report: *Graham Jones, Ph.D.* - Secretary Jones thanked the Society for the opportunity and privilege of serving as Secretary.

Treasurer's Report: *Daniel*

Isenschmid, Ph.D. - Treasurer Isenschmid reported that SOFT is in good financial condition with assets totaling over \$267,000. These assets included \$25,000 in permanent reserve and an ERA Fund Balance of \$95,647.47.

Vice President's and Committee Reports: *Amanda Jenkins, Ph.D.* - Vice President Jenkins called on the committee chairs to give their reports:

A. Bylaws, *Yale Caplan, Ph.D.* - There was no bylaws report, since no action was requested.

B. Budget, Finance, & Audit, *Ruth Winecker, Ph.D.* - Dr Winecker reported that the Treasurer's report from January 1 - September 14, 2002 was reviewed by the committee and found to be clear, concise and in good order.

C. Membership, *Graham Jones, Ph.D.* - Dr. Jones informed the membership that the current committee members were Daniel Anderson, Glynn Chaney, Dr Michael Baylor and himself as Chair. Membership in SOFT totaled 646 with 475 full members, 115 Associate, 19 Charter, 16 Retired Charter, 14 Retired, and 7 student members. Application and promotion forms are available on the SOFT web site.

D. ToxTalk, *Vince Papa, Ph.D. for Joe Monforte, Ph.D.* - Dr. Papa reminded members that **ToxTalk** was now available on the SOFT web site. He also announced that Dr. Monforte had been able to take advantage of the bulk mailing license of a colleague to enable mailing of **ToxTalk** from his temporary location.

E. JAT Special Issue, *Rod McCutcheon, Ph.D.* - Special issue

editor Rod McCutcheon thanked the reviewers and JAT managing editor Julie Weber Roake for their hard work in getting the issue ready. He said that 26 papers had been received, one of which was rejected, for a final total of 25. Publisher Tinsley Preston presented a plaque to Rod McCutcheon in recognition of his work.

It was also announced that Julie Weber Roake, Managing Editor of JAT since 1995, would be presented with a special award and a gift certificate, in recognition of her assistance to SOFT with the annual special issues. Since Ms. Weber Roake could not attend the meeting, the award and certificate would be taken back by Tinsley Preston.

F. Education Research Award, *Ken Ferslew Ph.D. for Barbara Manno, Ph.D.* - Dr. Ferslew reported that four ERA awards had been given this year, to Riet Adams, Paul Jannetto, Laureen Marinetti and Brandy Greenhill (Yglasias). The award consisted of meeting registration fee waiver and \$1000, to be used to offset travel expenses to attend the meeting. The certificates were presented to those present by President Farrell. Dr. Ferslew also announced that the board had approved a new application deadline of April 15 for 2003.

G. Meeting Resource Committee, *Amanda Jenkins* -

2001 New Orleans host Pat Pizzo reported that the meeting had over 600 attendees. The books were now closed and she announced that the meeting had generated a net profit of over \$35,000 for SOFT.

2002 Dearborn co-hosts Brad Hepler and Dan Isenschmid

reported that about 565 people were registered at the meeting, including 119 non-members. There were 139 individual exhibitors representing 49 companies, and occupying 58 booths. They thanked Lisa O'Dell for her hard work coordinating the vendor exhibition, and the local people who assisted at the registration desk and other tasks. They also thanked the program committee and reviewers for their hard work, and presented a certificate of appreciation to chair Amanda Jenkins. There were 83 papers submitted to the committee; 5 were rejected, four were withdrawn and one combined, for a final total of 73. Of these 39 were oral and 34 posters. Gifts of appreciation were presented to Brad and Dan by President Farrell.

2003 Portland, Oregon meeting host Kent Johnson confirmed the dates of the meeting as October 19 – 24 at the Doubletree Hotel, Lloyds Center. Barry Logan will be the Program Chair and Ann Marie Gordon the Co-Chair. A promotional video of the Portland area was played.

2004 Washington DC Co-host Marc LeBeau announced that the joint SOFT/TIAFT/FBI meeting would take place August 28 – September 3, The meeting would take place at the flagship Marriott Marquis Hotel on Pennsylvania Avenue, close to the White House and the major monuments. The FBI symposium would take place August 28 – 30 and would be free of charge to all attendees registered for the SOFT/TIAFT meeting that will follow. Eight FBI sponsored workshops are planned on basic and advanced topics. A PowerPoint presentation on the DC area followed.

Future meeting sites and hosts are:
2005 Nashville, TN-Kuykendall
2006 Austin, TX-McCutcheon
2007 Chapel Hill, NC-
Winecker/Roper-Miller

H. Laboratory Guidelines, Graham Jones, Ph.D. - Dr. Jones reported that the 2002 draft Guidelines had been posted to the SOFT web site since the previous fall and had been adopted at the business meeting of the Toxicology Section of AAFS in February 2002. In order to be fully adopted, the 2002 version of the Guidelines needs to be voted on at this meeting. Therefore a motion was made the 2002 version of the Guidelines, as posted on the SOFT web site, be adopted by SOFT. The motion was seconded and carried unanimously.

I. Drugs and Driving Committee, Fiona Couper, Ph.D. - Dr. Couper reported that there were currently 45 members on the committee. A workshop entitled "DUID – From Research to the Courts" was held at this meeting; 120 were registered. A special session is planned for the 2003 AAFS meeting: "Driving Under the Influence of Medically-Prescribed Drugs", involving Fiona Couper, Michael Corbett, David Benjamin and others. Drug monographs have been published in Forensic Sciences Review (the entire 2002 volume, published in June, plus the first issue of 2003) and are also available on the SOT web site. NHTSA has agreed to publish 16 Drugs and Human Performance Fact Sheets. These were prepared from a collaborative project stemming from the International Consultative Meeting on Drugs and Driving Impairment (Seattle, August 2000). The future focus of the committee will be the effect of sleep deprivation and disease states on driving ability.

J. Policies and Procedures, William Anderson, Ph.D. - The committee comprised William Anderson, Ph.D., Marilyn Huestis, Ph.D., and Dwain Fuller, B.S. A searchable database was developed and given to the Secretary to keep updated. A narrative-style *Policies and Procedures Manual* will also be developed over the next year.
K. Web-site, Laurel Farrell for Bruce Goldberg, Ph.D. - President

Farrell expressed her appreciation to Bruce for his continuing efforts on the very successful SOFT web site. The site had over 450,000 individual "hits" for the entire site during the period April 1 through June 30, 2002. The Guidelines were downloaded over 2500 times, and the 2002 draft version over 1000 times during the same period. Updated membership forms in Adobe format were uploaded in the spring. The Forensic Science Review Drug and Driving monographs were published to the member's area. The Board has approved a request to develop a new database and associated on-line capabilities over the next few months. This should be completed well before the next SOFT meeting in Portland. It would allow on-line dues payments, on-line meeting registration and on-line abstract submissions. Members would also be able to update their own personal information via the web site.

L. Continuing Education Committee, Rebecca Jufer, Ph.D. - The committee is working on a workshop proposal for January 2003, focusing on a review of forensic toxicology. It will be at the University of Texas Health Sciences Center with Vince Papa as host. Subsequent seminars being planned will be on specific drug classes, the first of which will be antidepressants (pharmacology, analysis, interpretation etc).

M. Drug Facilitated Sexual Assault Committee, Marc LeBeau, MS. - The committee organized a DFSA workshop at the SOFT meeting. They had also revised slides into modules, based on drug class, which are currently under review by subject experts. The committee is also updating recommendations to include specific detection limit goals for laboratories to strive for. Areas of committee activity are to be divided between education and training, providing guidance, and research.

N. Ethics Committee, J. Robert Zettl, M.P.A. - The committee met electronically to discuss drafting of Policies and Procedures Manual for the ethics committee. However, the activity is not complete yet.

O. Nominating, Fiona Couper, Ph.D. - Dr. Couper stated that the committee had selected the following individuals for SOFT office for 2003: President - Amanda Jenkins, Ph.D., Vice President - Daniel Isenschmid, Ph.D., Treasurer - Timothy Rohrig, Ph.D., Board of Directors - Christine Moore, Ph.D.

Liaison Reports: President Farrell ABFT, Yale Caplan, Ph.D. - Dr. Caplan announced the formation of the new nominating committee for board positions. The report and nominations would be presented at the February 2003 ABFT Board meeting. For the laboratory accreditation program, there are 11 laboratories accredited and additional applications in various stages of review. ABFT is planning to host a workshop on forensic toxicology in conjunction with the 2003 SOFT meeting in Portland.

AAFS, Joseph Saady, Ph.D. - Dr. Saady provided an outline of the AAFS Toxicology Section program planned for February.

FTCB, John Cody, Ph.D. - Dr. Cody reminded the meeting of the goals and programs of the FTCB. He also announced the death of FTCB

past-president Ken Habin after period of illness.

SAT/CAT, Sarah Kerrigan, Ph.D. - Dr. Kerrigan, meeting host, announced that a joint SAT/CAT meeting would occur in May, in Albuquerque, NM. The meeting would include a special full day session on the Interpretation of Antemortem and Postmortem results.

TIAFT, Marilyn Huestis, Ph.D. - Dr. Huestis (new TIAFT President) announced the next meeting would be in Melbourne, Australia, November 16 - 20, 2003, hosted by Olaf Drummer.

MATT, Christine Goodall, Ph.D. - The next MATT meeting will be in East Lansing, MI.

SAFS, Sally Watford, B.S. - The next meeting will be May 5 - 12, and will include a workshop sponsored by FTCB.

Unfinished Business, President Farrell - President Farrell asked for any unfinished business. There was no unfinished business from the members.

New Business, President Farrell

Awards and Recognition - President Farrell thanked the outgoing officers of SOFT and presented each of the following individuals with a plaque - Board of Directors; Timothy Rohrig, Ph.D., Daniel Isenschmid, Ph.D.,

Treasurer; and Amanda Jenkins, Ph.D., Vice President.

Nominations and Elections - No nominations for SOFT officers were received from the floor. Motions were made and seconded to accept the nominations for each individual, as submitted by the Nominating Committee. All officers were elected by acclamation. The newly elected 2003 SOFT officers and directors are as follows:

President - Amanda Jenkins, Ph.D.
Vice President - Daniel Isenschmid, Ph.D.
Treasurer - Timothy Rohrig, Ph.D.
Director - Christine Moore, Ph.D.

Amanda Jenkins presented outgoing President Farrell with a commemorative plaque on behalf of the members in recognition of her service to SOFT.

Incoming President's Remarks - Newly elected President Jenkins thanked Laurel Farrell for her contributions and support over the years. Dr. Jenkins asked the membership to let her know if they felt SOFT should be active in other areas and asked members to look for ways to help the profession maintain and improve upon the high standards already set.

Dr. Jenkins announced that the guest editor for the next SOFT JAT Special Issue will be Dr. Karla Moore from the Maryland Medical Examiner's Office, Baltimore.

Adjournment - The meeting was adjourned at 5.55 p.m.

Respectfully submitted, Graham R. Jones, Ph.D., SOFT Secretary, 2002-2003

Subject to approval at the 2003 SOFT Annual Business Meeting ☺

6th/7th ANNUAL S.O.F.T.

TOX'N PURGE MICHIGAN TO OREGON FUN RUN/WALK

SEE ENCLOSED REGISTRATION FORM

ELMER GORDON OPEN FORUM

AN OPPORTUNITY FOR INFORMAL DIALOGUE

Past president **Bob and Karen Zettl** welcomed granddaughter Emerson Ann Marie to the Zettl family in June. Another past president, **Marilyn Hustis**, is beginning a 3-yr term as president of TIAFT.

Military members: SOFT is proud of its many members currently servicing in the U.S. armed forces. Recently called to active duty are **Drs. Joseph Saady** and **Karla Moore**. You'll probably be able to reach them by e-mail as published in the 2003 SOFT Directory. ☼

PROFESSIONAL CALENDAR

SOFT MEETINGS:



October 20-24

Portland, OR

**Hosts: Kent Johnson
Vickie Watts**

2004 Washington, D.C. – Marc LeBeau

2005 Nashville, TN - Louis Kuyendall

2006 Austin, TX - Rod McCutcheon

2007 Chapel Hill, NC - Ruth Winecker

2008 Phoenix, AZ - Vickie Watts

2009 Oklahoma City, OK - Phil Kemp

California Association of Toxicologists - Quarterly Meeting: August 1-2, 2003, Santa Rosa, CA. Theme: Alcohol-related topics; speakers will include Alan Wayne Jones and other recognized experts in the field of alcohol research. Contact Gregory A. Priebe, California Department of Justice, 7505 Sonoma Highway, Santa Rosa, CA 95409 Phone: 707-576-2415 Fax: 707-576-2141 Greg.Priebe@doj.ca.gov

2nd Summer Conference on Current Topics in Forensic Toxicology: August 28-30, 2003, UCLA Extension. Contact Sheila King at sking@unex.ucla.edu for more information.

8th International Congress of Therapeutic Drug Monitoring & Clinical Toxicology: September 7-22, 2003, Basel, Switzerland. Contact www.ictdmet2003.ch

29th Annual Meeting of the Northeastern Association of Forensic Scientists: November 5-8, 2003, Pittsfield, MA. Contact Jennifer Limoges at jlimoges@troopers.state.ny.us or tel: 518-457-0054

TIAFT 41st Annual Scientific Meeting: November 16-20, 2003, Melbourne, Australia. Contact the TIAFT site at <http://www.tiaft.org/tiaft2003> for details.

The Robert Borkenstein Course on Alcohol and Highway Safety: Testing, Research and Litigation: December 7-12, Indiana University. For details contact the Center for Studies of Law In Action, Indiana University, at www.indiana.edu/~lawactn or Darlene Lindsay at dlindsay@indiana.edu. Next course: May 9-14, 2004. ☼

All members and others are encouraged to contribute to **ToxTalk**.

Please submit your contribution to:

Joseph R. Monforte, Ph.D., DABFT, ToxTalk Editor, by e-mail at DrMonforte@aol.com

7-18-03 pat ☼



SOFT 2003 ANNUAL MEETING
Doubletree– Lloyd Center, Portland, Oregon
OCTOBER 20-24, 2003
Welcome!



We are extremely excited and honored to be able to host the 2003 Annual Meeting of the Society of Forensic Toxicologists. The 2003 meeting will be held at the spacious Doubletree Hotel Portland-Lloyd Center in Portland, Oregon. The Doubletree Hotel is conveniently located near the Portland Convention Center and downtown Portland. The meeting will feature workshops on Monday and Tuesday with scientific sessions Wednesday through Friday. We are planning to have the meeting all inclusive with continental breakfasts and lunches during the week, capped off with a special night for the President's Reception at the nationally acclaimed Oregon Museum of Science and Industry (OMSI). The fun-filled evening will include dinner, entertainment, dancing, and a showing at the OMSI Max Theatre.

Weather

The weather is pleasant at that time of the year with highs in the 60's and lows in the 40's. As we do in the Northwest, we dress in layers. Sweaters, sweatshirts, medium jackets are good. The Online-Online SOFT Polar Fleece jacket included in your online registration will be perfect for touring the Portland area. If you will be touring the mountains or the coast, heavier jackets and coats might be needed, especially the coat at night.

Hotel Accommodations

As mentioned above, the Doubletree Hotel Portland-Lloyd Center will be hosting our meeting. The 2003 convention rates will be:

- \$128 for standard, one queen bed
- \$138 for premium, two queen beds
- \$138 for premium, one king bed

You can register online directly with the Portland DoubleTree at www.portlandlloydcenter.doubletree.com under special accounts enter the SOFT group code which is SFT. Or you call the hotel for reservations at (503) 281-6111. The deadline for hotel reservations to get the special SOFT group rate is September 28, 2003.

Airport and Transportation

You will be flying into the newly renovated Portland, PDX Airport, which is only about 10 miles from the hotel. Most of the major airlines have flights in and out of PDX on a regular basis. There is also light rail service from the airport that makes a stop directly at the hotel and currently cost \$1.55. **TriMet-MAX (Light rail service from airport):** www.tri-met.org The **MAX Red Line** operates between downtown Portland and the Portland International Airport (PDX), with no transfers required. This convenient light rail service, once at the hotel, is free anywhere within the major Portland downtown area. The hotel will also provide a limited free shuttle service to/from the airport. Rental car service is also available at the airport and some rental car services near the hotel.

Things to Do Additional / Offsite Activities

From the hotel, you will be around 60-70 miles from Mt. Hood, Mt. St. Helens (our local volcano) or the Oregon Coast. You will be able to take tours of the local wine country and visit local fruit and berry farms and markets. Within 45 minutes of the hotel, you can visit the United States' second tallest waterfalls, Multnomah Falls, along with 4 or 5 other falls you can see along our scenic waterfalls' route. And if you have never driven along the Columbine River Gorge, you have missed some of the Northwest's most breathtaking natural sights. Within Portland, there are so many things to see and do you may want to stay another week or two. Some of the most famous sights are the internationally acclaimed rose gardens and parks. Hiking trails abound throughout Portland and the surrounding areas, and how can we forget the shopping areas with Oregon's largest mall right across the street from the hotel.

SOFT 2003 Committee Members:

Kent Johnson, Meeting Host
503-413-2069 503-413-4621 kent.johnson@attbi.com
Vickie Watts, Meeting Co-Host
480-236-7968 480-831-8091 toxilady@aol.com
Barry Logan, Ph.D., Scientific Chair
206-262-6000 206-262-6145 blogan@swp.wa.gov
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303-477-5976 303-561-3803 NomadLee9@aol.com



SOFT 2003 ANNUAL MEETING
Doubletree -Lloyd Center, Portland, Oregon
October 20-24, 2003
REGISTRATION WORKSHEET



Name _____ Degree _____
 Last First
 Name to appear on badge _____
 Title _____ Agency _____
 Address _____
 E-mail _____
 Telephone _____ Fax _____
 Accompanying Person(s) _____

Use This Worksheet to complete the ONLINE – ONTIME Registration on the SOFT website at http://www.soft-tox.org .	Member	Non-Member	Qty.	TOTAL
FULL MEETING REGISTRATION (Late Fee Applies after 9/05/03) Includes: Admission to scientific sessions, Abstract Book, SOFT jacket , Coffee Breaks, Continental Breakfasts, Welcoming Reception, Luncheons, Tuesday Happy Hour, Elmer Gordon Forum, and President's Reception	\$185.00	\$275.00	___	\$ _____ Enter jacket size online
ACCOMPANYING PERSON REGISTRATION (Available only with full meeting registration). Includes: All the above <u>except</u> Abstract Book and Jacket	\$150.00	\$225.00	___	\$ _____
FULL-TIME STUDENT (Proof of full-time status required)	\$95.00	\$95.00	___	\$ _____
LATE-FEE (Applies after September 5 to EACH of above registrations) After October 10, 2003– only On-Site Registration is available	\$100.00	\$100.00	___	\$ _____
PRESIDENT'S RECEPTION – ADDITIONAL TICKETS (Additional tickets for non-registrants only available prior to October 10)	\$75.00	\$95.00	___	\$ _____
ON-SITE REGISTRATION (President's Reception and polo-fleece jacket NOT included)	\$285.00	\$375.00	___	\$ _____
Workshop # 1: Chemical, Biological and Nuclear Threat: Challenges for the Toxicologist.	\$100.00	\$150.00	___	\$ _____
Workshop # 2: Forensic Toxicology of Metals	\$50.00	\$75.00	___	\$ _____
Workshop # 3: Principles of Sample Preparation	\$50.00	\$75.00	___	\$ _____
Workshop # 4: Practical Applications for LCMS in Routine Toxicology	\$50.00	\$75.00	___	\$ _____
Workshop # 5: Forensic Toxicology of Methadone	\$50.00	\$75.00	___	\$ _____
Workshop # 6: Feeling Blue? Antidepressant Workshop!	\$100.00	\$150.00	___	\$ _____
Workshop # 7: Preparation and Planning for Laboratory Accreditation by the American Board of Forensic Toxicology (ABFT).	\$50.00	\$75.00	___	\$ _____
Workshop # 8: Developments in Federally Regulated Drug Testing	\$50.00	\$75.00	___	\$ _____
Workshop # 9: Toxicology in the Emergency Room	\$50.00	\$75.00	___	\$ _____
Workshop # 10: Developments in Pharmacology of Antiepileptic Drugs	\$50.00	\$75.00	___	\$ _____
ABFT Breakfast (Diplomates and Specialists)	\$25.00	\$25.00	___	\$ _____
ID BADGE WILL BE REQUIRED FOR ALL FUNCTIONS. TICKET REQUIRED FOR PRESIDENT'S RECEPTION.			TOTAL	\$ _____

LATE FEE applies for all registrations received after **Friday, September 5, 2003.**

Deadline for registration online at <http://www.soft-tox.org> is **Friday, October 10, 2003.** You must register online to receive the FREE polo-fleece jacket with embroidered SOFT logo and a ticket to the President's reception at the OMSI museum.

Payment on the SOFT Registration website is through PayPal, a secure site, which accepts the most major credit cards or payment through routing of checks drawn on a US bank or International Bank. For those members not wishing to pay through an online transaction, checks or Money Order in US dollars can be mailed to the SOFT administrative office, ATTN SOFT-2003 Meeting Registration, at P.O. Box 5543, Mesa, AZ 85211-5543. All payments should be made out to SOFT-2003.

IMPORTANT - Refund policy Refunds will be honored upon written request prior to 09/05/03 minus a \$75 fee.

There will be NO refunds after 09/05/03.

<h2 style="margin: 0;">Preliminary Program</h2> <h3 style="margin: 0;">SOFT 2003 Annual Meeting - Portland, Oregon</h3>

Saturday October 18th

8:00 am – 5:00 pm

SOFT/AAFS/NSC Workgroup on Drugs and Driving

Sunday October 19th

12:00 pm – 5:00 pm

National Safety Council Executive Board Meeting

Monday October 20th

8:00 am – 12:00 pm

ABFT Exam

9:00 am – 10:30 am

ABFT Accreditation Committee

12:00 pm – 5:00 pm

ABFT Board Meeting

8:00 am – 5:00 pm

W-1: Chemical, Biological and Nuclear Threat: Challenges for the Toxicologist.

Aaron Jacobs, Chair

8:00 am – 12:00 pm

W-2: Forensic Toxicology of Metals

Rob Middleberg, Chair

8:00 am – 12:00 pm

W-3: Principles of Sample Preparation

John Cody, Chair

1:30 pm – 5:00 pm

W-4: Practical Applications for LCMS in Routine Toxicology Testing

Rod McCutcheon, Chair

1:30 pm – 5:00 pm

W-5: Forensic Toxicology of Methadone

Ann Marie Gordon, Chair

Tuesday October 21st

6:30am

FUN RUN

Contact: Karla Moore

8:00 am – 5:00 pm.

W-6: Feeling Blue? Antidepressant Workshop!

Rebecca Jufer, Chair

8:00 am – 12:00 pm

W-7: Preparation and Planning for Laboratory Accreditation by the American Board of Forensic Toxicology (ABFT).

Yale Caplan, Chair

8:00 am – 12:00 pm

W-8: Developments in Federally Regulated Drug Testing

Donna Bush, Chair

1:30 pm – 5:00 pm.

W-9: Toxicology in the Emergency Room

Kari Blaho, Chair

1:30 pm – 5:00 pm

W-10: Developments in Pharmacology of Antiepileptic Drugs

Jeri-Ropero Miller, Chair

6:30 pm – 9:00 pm

SOFT Welcome Reception

Wednesday October 22nd

8:30 am – 9:15 a.m.

Plenary Session I

9:15 am – 3:00 pm

Scientific and Poster Sessions

3:30 pm – 5:00 pm

SOFT Business Meeting

6:00 pm – 7:30 pm

Happy Hour with Exhibitors

7:30 pm – 9:00 pm

Elmer Gordon Open Forum

Thursday October 24th

7:00 am – 8:30 am

ABFT Breakfast

8:30 am – 9:15 am

Plenary Session II

9:15 am – 12:00 pm

Scientific and Poster Sessions

1:30 pm – 2:30 pm

Plenary Session III

2:30 pm – 5:00 pm

Scientific Sessions

6:30 pm – 11:30 pm

SOFT President's Reception

Oregon Museum of Science and Industry (<http://www.omsu.edu/>)

Friday October 24th

8:30 am – 9:15 am

Plenary Session IV

9:15 am – 12:00 pm

Scientific Sessions

12:00 pm – 1:30 pm

Farewell Luncheon

W1: Chemical, Biological and Nuclear Threat: Challenges for the Toxicologist:

In our changing world, the threat of terrorism has changed the way we all look at things. As toxicologists, many of us have been asked what our role could or should be, should we have to face chemical and/or biological threats. The workshop presenters have faced these issues in the military and can provide unique insight into these areas. The following topics will be covered: The Chemical Weapons Threat, The Nuclear Threat (Nuclear Radiation); The Biological Weapons Threat; Chem/Bio During Desert Storm; Overview of the Chemical Weapons Efforts; The Theater Army Medical Laboratory-Deployable Detection; Overview of Detectors for Chem/Bio; Chemical Disasters and the Role of the Toxicologist; Training the Warfighter and Homeland First Responder; Forensic Analysis of a Chemical Weapons Incident/Accident.

W2: Forensic Toxicology of Metal:

This workshop will focus on the toxicology of selected metals. A discussion of what samples are most suited to analysis, when to ask for a metal screen and how to interpret results.

W3: Principles of Sample Preparation:

This will be an introductory workshop and review of considerations when preparing samples for analysis. The targeted audience is the newer forensic toxicologist or those newly facing the challenges of method development. Topics to be covered will include review of pH, pKa and buffer theory; tricks and techniques of liquid-liquid extraction, principles of solid phase extraction; developing and validating extraction methods; and practical applications of Solid Phase Microextraction (SPME).

W4: Practical Applications for LCMS in Routine Toxicology Testing :

This workshop will focus on the practical applications of LCMS in today's toxicology laboratory. Instructors will cover the basics of HPLC and how it has transitioned into LCMS. Specific details as to how to select the appropriate instrument to your applications will be discussed as well as a comparison of the MS detection methods currently available (Ion Trap, Triple Quad, Single Quad).

W5: Forensic Toxicology of Methadone

This workshop will cover the current issues facing toxicologists with the increasing number of cases involving Methadone. There will be a pharmacological review of Methadone; a discussion of Methadone treatment programs and alternatives to Methadone for the treatment of Heroin addiction; Methadone and its use in Pain Management; Certification of Methadone Deaths; Methadone and Driving and an update on illicit Methadone.

W6: Feeling Blue? Antidepressant Workshop!

This workshop is offered by the SOFT Continuing Education Committee. Complete discussions of first, second and third generation antidepressants will be covered. For each there will be a discussion of the pharmacology, pharmacokinetics and metabolism; analysis; side effects, toxicity and drug interactions; post mortem interpretation and the role these play in driving impairment.

W7: Preparation and Planning for Laboratory Accreditation by the American Board of Forensic Toxicology (ABFT):

What are the benefits and advantages of professional certification and laboratory accreditation? What are the requirements for accreditation by ABFT? What happens during an inspection? How much does it cost? What are the critical elements of a quality control and quality assurance program? What are the elements of an acceptable corrective action policy? By answering these and other questions, this workshop is designed to prompt laboratories to consider accreditation, to remove some of the mystique surrounding that process and to hear the experience of laboratory managers who have recently gone through that process, how they prepared, how they dealt with problems that arose, and how going through the process made them a better laboratory. It will also feature presentations by inspectors on the issues which come up most frequently during inspections and how to resolve them. This workshop is sponsored by ABFT.

W8: Developments in Regulated Drug Testing:

This workshop will focus on the regulated drug testing programs with attention to the demographics of drug positives. It will also include reports of SAMSHA proficiency testing and the results or such testing. Also included will be a review of new technologies from a SAMSHA viewpoint.

W9: Toxicology in the Emergency Room:

Toxicologists are often asked to read or interpret medical charts and or EMT charts from the scene of an accident. Many of us struggle to provide answers to prosecutors, defense attorneys and police officers. This workshop will be taught by hospital medical personnel who will give us insight into how to interpret these medical charts. What considerations are taken when medically diagnosing drug intoxication and what clinical laboratory tests are ordered by physicians to diagnose poisoning will also be covered. A discussion of drugs administered in the emergency room and under what circumstances they are used will also be included.

W10: Developments in Pharmacology of Antiepileptic Drug:

This workshop will focus on the new AEDs and the off-market uses of both new and older AEDs, particularly as anti-psychotics. The analysis pharmacology, and toxicity of these drugs will be examined. Data on the effects of these drugs on driving will also be included.



6th/7th ANNUAL S.O.F.T.



TOX 'N PURGE MICHIGAN TO OREGON FUN RUN/WALK

WHEN:

2003 S.O.F.T. Meeting
Tuesday,
October 21, 2003
6:30 AM



WHERE:

Doubletree Hotel Portland
Portland, Oregon

Registration Includes:
6th/7th ANNUAL TOX 'N PURGE T-Shirt
Prizes for 1st place (men and women) and
random drawings after run for other prizes



S.O.F.T. TOX 'N PURGE 5K FUN RUN/WALK

Tuesday, October 21, 2003 • 6:30 AM • Entry Fee: \$7 • Make checks payable to Karla Moore (TOX 'N PURGE FUN RUN/WALK) • Mail to: Karla Moore, Toxicology Lab, OCME, 111 Penn St., Baltimore, MD 21201

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5K RUN

WALK

E-MAIL ADDRESS

Liability waiver must be signed before mailing

I know that running a road race is a potentially hazardous activity and that I should not enter and run unless I am medically able and properly trained. I agree to abide by any decision of a race official relative to my ability to safely complete the run. I assume all risks associated with running in this event including, but not limited to: falls, contact with other participants, the effects of the weather, including high heat and /or humidity, altitude, traffic and the conditions of the road, all such risks being known and appreciated by me. Having read this waiver and knowing these facts and in consideration of your accepting my entry, I for myself and anyone entitled to act on my behalf, waive and release the organizers of the S.O.F.T. TOX 'N PURGE 5K FUN RUN/WALK and all other sponsors, their representatives and successors from all claims or liabilities of any kind arising out of my participation in this event or carelessness on the part of the persons in this waiver. Further, I grant permission to all of the foregoing to use any photographs, motion pictures, recordings, or any other record of this event for legitimate purposes.

Signature (parent or guardian if under 18)

Date