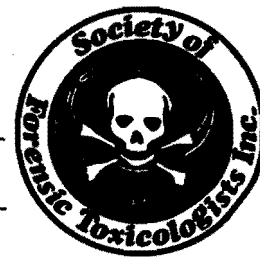


# Newsletter



News for and about Members of the Society of Forensic Toxicologists

Volume 6

Issue 2

September 1982

## ANNUAL MEETING

The annual meeting of the Society of Forensic Toxicologists, Inc., will be held jointly with the Mid Atlantic Association of Forensic Sciences (M.A.A.F.S.) October 13 to 15, 1982, in Rosslyn, Virginia.

## PRELIMINARY PROGRAM

of the 12th annual meeting of the Society of Forensic Toxicologists, Inc., :

Wednesday, October 13 (9 AM to 5 PM)

- Workshops: \*Capillary Gas Chromatography (Hands on Workshop)  
\*Thin Layer Immunoassay-(Hands on Workshop)-under direction of Nick Lappas at George Washington University  
\*Pharmacokinetics in Forensic Toxicology-Vina Spiehler and Bob Blanke

Meetings: Board of Directors S.O.F.T.  
Board of Directors A.B.F.T.

Wednesday P.M. Registration (5 to 7 PM)  
Welcoming Reception (6:30 to 8:30 PM)

Thursday, October 14

Open Forum (9 to 12 AM) "Death on the Sigmoid"  
Coordinator; Jim Valentour  
Participants: Bob Blanke, Dr. J. Beyer, Med. Exam., James Storres, Attorney

Presentations: "Forensic Aspects of the Kinetics of Alcohol Elimination", Kurt Dubowski.  
"Digoxin Overdosage", Vinia Spiehler.  
"Analytical Approaches in Hotel Fires - Four Fatalities", Mike Schaeffer.

General Business Meeting: S.O.F.T. (1 to 3 PM)

Open Forum: JOINT SESSION (3:30 PM)  
"Drug Use Prevention - Role of

## Forensic Sciences"

Coordinator: Robert Simon  
Participants: Representatives of White House Drug Abuse Policy Office and National Parent's Association

Cocktails: (6:30 to 7:30 PM)

Banquet: Guest: Director, Drug Abuse Policy Office.

Joint Hospitality Suite Following Banquet

Friday, October 15

Open Forum: (9 to 12 AM) "Current Concepts in Practice of Forensic Toxicology"  
Coordinator: Yale Caplan  
Participants: Tom Rejent, "Survey of Forensic Toxicology - 1982".  
Yale Caplan, "Legal Interface - Court Acceptability".  
Case Reports: "Methoprolol Overdosage", "Homicidal IV Administration of Cleaning Fluid", "Chronic Amoxapine Lethality".

Formal Paper Presentations: (1:30 to 5 PM)  
Moderator: Mike McGee

"Cannabinoids in Plasma", Art McBay  
"Analysis of LSD", Mike Peat  
"Direct and Indirect EMIT of Benzodiazepines", Ernie Slighton  
"Detection of Opiates in Blood by Thin Layer Immunoassay", Nick Lappas  
"Latex Inhibition Immunoassay for Morphine", Naresh Jain  
"Identification of Basic Drugs by Capillary GC", Len Dednarczyk  
"Separation and Quantitation of Cis and trans Thiothixine by HPLC", A. Boyama  
"Analysis of Disopyramide by HPLC", R. Altman  
"HPLC of Thiopental in Blood and Tissues", Barry Levine  
"GC and GC/MS of Maprotilene -Tissue Distribution in Fatalities", Nancy Chen  
"Toxicological Findings in Darvon Overdose", J. Chadervedi  
"Evaluation of Ethchlorvynol Findings in DWI", Horton McCurdy  
"Rapid Inexpensive Methods for TLC", Mark Luckens



#### PRESIDENT'S MESSAGE

Another year is rapidly coming to an end with the anticipation of the Forthcoming annual meeting. The year has been a busy but successful one for the Society. The following items represent the hard work of its members during this past year:

1. Preparation and publication of the Second Special Issue of the Journal of Analytical Toxicology (September-October 1982). Eighteen manuscripts and approximately sixty-four pages later, it is one of J.A.T.'s largest issues and will be available at the Rosslyn meeting.
2. Successful completion of the 1982 S.O.F.T. Survey of Forensic Toxicology. Results will be presented to the membership in Rosslyn.
3. Committee Evaluation of Mechanisms to Establish Peer Reviewed Methods in Forensic Toxicology.
4. Generation of bylaws proposals to update the Society's bylaws structure.
5. Progress in detailing the mechanisms for the awarding of the S.O.F.T. - E.R.A.

This year's annual meeting in Rosslyn, Virginia promises to be one of the best in the Society's history, thanks to the efforts of Marina Stajic and to the participation of the membership. It is to be held jointly with the Mid Atlantic Association of Forensic Sciences (M.A.A.F.S.). In addition to scientific papers, the meeting will also include three important workshops, namely, Thin Layer Immunoassay, Capillary Gas Chromatography, and Concepts in Pharmacokinetics in Forensic Toxicology. A preliminary program schedule is included in this newsletter for your information.

All in all, this has been a challenging year for the Society, with many of the activities initiated continuing as projects in forthcoming years to provide further direction for this organization. Always important, is the input and participation of you, the membership. It has been a pleasure working with you.

See you in Rosslyn!  
Joe Balkon

#### EDITORIAL

At a recent meeting of the Canadian Society of Forensic Sciences, Toxicology section, attended by your editor, we heard from the Toxi-Logic Newsletter editor, Carol Peclet, that she shares the common problem of all newsletter editors, namely, lack of submitted material. Our next issue will contain a summary of our activities at the annual meeting which should fill a few pages. I am still "begging" for newsworthy items. Technical and scientific tidbits are always welcome. Awards and degree attainments by members should also be announced. Job opportunities and job seeking will be included. Pertinent meeting and workshop announcements will be published. Send that material so that your newsletter is both yours and new.

Jesse Bidanset,  
Editor

#### PRESIDENT

JOSEPH BALKON, Ph.D.  
DEPARTMENT OF PHARMACOLOGY/TOXICOLOGY  
ST. JOHN'S UNIVERSITY  
JAMAICA, NEW YORK 11439

#### VICE PRESIDENT

EVERETT T. SOLOMONS, Ph.D.  
GEORGIA STATE CRIME LABORATORY  
P.O. BOX 1456  
ATLANTA, GEORGIA 30301

#### SECRETARY

ROBERT D. EBERHARDT, M.S.  
MILWAUKEE COUNTY MEDICAL EXAMINER'S OFFICE  
ROOM 232, 821 W. STATE STREET  
MILWAUKEE, WISCONSIN 53233

#### TREASURER

MICHAEL MCGEE, M.S.  
GALVESTON COUNTY FORENSIC LABORATORY  
UNIVERSITY OF TEXAS MEDICAL BRANCH  
GALVESTON, TEXAS 77550

#### BOARD OF DIRECTORS

JAMES VALENTOUR, Ph.D.  
JOSEPH MONFORTE, Ph.D.  
ROSEMARY ALSTOTT, Ph.D.  
NICHOLAS HODNETT, Ph.D.  
RICHARD PROUTY, B.S.  
YALE H. CAPLAN, Ph.D., EX. OFF.

NOMINATING COMMITTEE REPORT

President: Everett Solomons  
Vice President: Joseph Monforte  
Treasurer: Mike McGee  
Board of Directors: Horton McCurdy  
Marina Stajic

Yale Caplan,  
Chairman

RECAPPING THE 1982 CANADIAN SOCIETY OF  
FORENSIC SCIENCES ANNUAL MEETING

Halifax, Nova Scotia was the site for this year's annual meeting of the Canadian Society of Forensic Sciences. The following list of titles and authors represent material of interest to the forensic toxicologist:

"Drug Detection in Saliva", H.W. Peel, Science and Technology Advisory Group, R.C.M.P., Ottawa, Ontario.

"A Fatal Case Involving Oxprenolol", A. Isner, Victoria General Hospital, R.A. Perry, Chief Medical Examiner, Halifax County, Department of the Attorney General and A. Fraser, Dalhousie University, Halifax, Nova Scotia.

"Correlation of Post-Mortem Blood and Vitreous Honor Alcohol Levels", J. Caughlin, R.C.M.P. Laboratory, Vancouver.

"Radioimmunological Screening and Gas Chromatographic Determination of Cocaine and Benzoylcegonine in Post Mortem Blood", G. Cimbura and E. Kovacs, Centre of Forensic Sciences, Toronto, Ontario.

"Benzodiazepines: Do They Have a Toxicological Future?", B. Finkle, University of Utah, Salt Lake City, Utah, U.S.A.

"The Effect of Selected Volatile Substances on Alert and Breathalyzer Test Results", F.L. Fromm, R.C.M.P. Laboratory, Regina, Saskatchewan.

"Possible Involvement of Promethazine in Sudden Unexpected Infant Death", M.J. DeGouffe, R.C.M.P. Laboratory, Edmonton, Alberta.

"The Use of Very High Resolution and Selective Detection in Liquid Chromatography of Complex Mixtures", L. Dombrowsky, G. Gauthier and G. Sanchez, Perkin-Elmer Corporation, Montreal, Quebec.

"A Case of Sulindac Overdose", T. Archibald, R.C.M.P. Laboratory, Halifax, Nova Scotia.

"Triazolam Analysis - An Integral Part of a Benzodiazepine Screen", R. Robichaud, R.C.M.P. Laboratory, Sackville, New Brunswick.

"Lidocaine Toxicity", W.C. Long, V.D. Lynch, J.H. Bidanset, M. Barletta and L. Trombetta, St. John's University, Jamaica, New York, and L. Lukash, Nassau County Office of the Medical Examiner, East Meadow, New York, U.S.A.

"Disposition and Blood Half-Life ( $T_{1/2}$ ) of Silver in Volunteer Subjects", P.W. Mullen, Kemic Bio-research Laboratories Ltd., Kentville, Nova Scotia.

both the Toxicology Section and the General Meeting inviting the Canadian audience to our S.O.F.T. 1982 annual meeting and expressing our pleasure at being able to meet jointly with the Canadian Society of Forensic Sciences in either Montreal or Quebec City in 1985 to celebrate our 15th anniversary.

NEWS FROM T.I.A.F.T.

In the most recent bulletin of the International Association of Forensic Toxicologists, Secretary Neville Dunnett reported that the membership had voted 2 to 1 in favor of organizing its international meeting independently of the International Association of Forensic Scientists. T.I.A.F.T. President Hans Brandenberger has indicated that the 1984 triennial T.I.A.F.T. conference will be held in Brighton, England beginning on Friday, September 14, 1984 and lasting for 2 or 3 days. Alan Curry has agreed to preside over this meeting. The I.A.F.S. meeting will begin on Tuesday, September 18, 1984 in Oxford, England..

See the back page of the bulletin for applications for membership. The current subscription rate is \$15. per year.

Following is a list of titles and authors of case notes from members:

"Fatal Mexiletine Poisoning", R.C. Blackmore and M.D. Osselton, Home Office Forensic Science Laboratory, Shakespeare Street, Nottingham, U.K.

"Naproxen Case", G. Bernard, C. Pecllet and J.J. Rousseau, Laboratoire de Police Scientifique, 1701 Parthenais, Montreal, Quebec, H2K 357, Can.

"Secobarbital and Ketoprofen Intoxication", G. Bernard, C. Pecllet and J.J. Rousseau, Laboratoire de Police Scien., 1701 Parthenais, Montreal, Quebec, Canada H2K 357.

"A Case of Fatal Ipecac Poisoning", S.C.L. Verma, Laboratories, Health Commission of N.S.W. P.O. Box 162, Lidcombe, N.S.W. 2141, Australia.

"Tricyclic Antidepressants - An 18 Month Experience", A.J. Stevenson and S. LaDelpha, R.C.M.P. Laboratory, Ottawa, Ontario, Canada.

"A Fatal Poisoning Involving a Mercury Containing Fungicide", Janet A. Warren, Dept. Clin. Physics and Bioengineering, West Graham Street, Glasgow, Scotland, U.K.

"Chloroquine Poisoning", R.J. Wong, Chemistry Division, D.S.I.R., P.O. Box 2224, Auckland, New Zealand.

"Drugs Found in 600 Single-Vehicle Operators Killed in N.C. in 1978-1981", Arthur J. McBay and Andrew P. Mason, Office of the Chief Medical Examiner and Dept. of Pathology, University of North Carolina, U.S.A.

S.O.F.T. President, Dr. Joseph Balkon addressed

S.O.F.T. UNDERGRADUATE AWARD

President Joseph Balkon has instituted a S.O.F.T. award for the outstanding graduating student going into forensic toxicology. This year's award winner was Mr. Bernard "Buddy" Singalli. Mr. Singalli was chosen primarily based on his academic abilities as demonstrated by his GPA in his major. Buddy has joined Nick Hodnett's group at Westchester County, New York.

Congratulations Buddy, and Good Luck!

Toxtalk Newsletter

Jesse H. Bidanset, Editor  
St. John's University  
Dept. of Pharmacology  
Jamaica, New York 11439



ROBERT D. EBERHARDY  
11300 ARROWHEAD TRAIL  
HALES CORNERS WI 53131

**Attend your annual meeting**