



# CONGRATULATIONS, 1992 S.O.F.T. OFFICERS & DIRECTORS

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NOTICE: THE S.O.F.T. BOARD OF DIRECTORS WILL MEET DURING THE A.A.F.S. MEETING IN NEW ORLEANS

TENTATIVELY: WEDNESDAY MORNING BREAKFAST MEETING - FEBRUARY 19, 1992

COMMUNIQUE from Patricia Mohn-Monforte, S.O.F.T. Executive Coordinator

1013 Three Mile Drive, Grosse Pointe Park, MI 48230-1412 (Tel: 313-884-4718)

This is a new feature to disseminate information from the S.O.F.T. Administrative Office to the S.O.F.T. membership at large.

CANADIAN TAX REBATE: If you have not submitted for refundable G.S.T. taxes incurred during the SOFT meeting in Montreal, gather your receipts and call 613-991-3346 for appropriate forms and instructions. Allow 6-8 weeks for your refund.

DON'T HANG UP!! Besides being the first line from a great "golden-oldie" this is also good advice when calling the SOFT office. This is a private line that is usually answered, "hello." This saves hundreds of dollars a year that would be required to install a line devoted to SOFT.

FORENSIC TOXICOLOGY LABORATORY GUIDELINES are available for \$25 (or \$35 outside the U.S.), checks or money orders in U.S. funds only. The Guidelines have already been ordered from all parts of the globe.

SCREAMING YELLOW - remember the dues notice that arrived with your last issue of ToxTalk? The dues FORM is as important as the dues check because it is the basis for the new data base being established at the Administrative Office.

NEW SOFT DIRECTORY should be included in the next issue of ToxTalk. If you are not included in the new data base, your name will not appear in the new directory (see SCREAMING YELLOW above). To be sure your name is included, return your dues form by February 1, 1992 (the ToxTalk deadline). Do not forget to include any degree(s), etc. after your name if you want them to appear as such in the directory, i.e. Ph.D., B.S., D.A.B.F.T.

NEW MEMBERSHIP APPLICATION FORMS will soon be available. The old form will not be accepted after 1/01/92.

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## PLANS UNDERWAY FOR EXCITING 1992 S.O.F.T. MEETING

### OCTOBER 12-17 HARTFORD, CT

Call for Papers will be mailed with the next issue of ToxTalk (probable deadline for abstracts: July 1, 1992)

EXHIBITORS: We don't want to "leaf" you out next fall. Register early. 1991 was sold out!!

For the latest information, contact: C. Neal Reading, Ph.D.  
P.O. Box 2689  
Hartford, CT 06144  
(203-566-4258)

# TREASURY NOTES

## 1992 BUDGET:

**\$15,300 TOTAL PROJECTED EXPENSES**

**\$15,300 TOTAL PROJECTED REVENUES**

<p>\$1,000 Annual Meeting Advance          700 Board Meetings          3,500 E.R.A. (based on 1991 interest)          2,800 Executive Coordinator          1,000 IRS (F990)</p>	<p>\$ 200 Legal/Corporate State Fees          1,100 Officer Expenses (4)          550 Reception (AAFS Meeting)          350 Supplies, stationary          4,100 Printing/Publication (ToxTalk)</p>	<p>\$ 300 Application Fees          10,500 Dues and Assessments          3,500 Interest          1,000 Annual Meeting Repayment</p>
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## MEMBERSHIP APPLICATION FEE:

As approved by the Board, this will be increased to \$10 effective January 1, 1992.

## DUES:

The response to the 1992 SOFT Dues Notice which was included in the last issue of ToxTalk has been pretty good, about 40% as of this printing. Second notices will not be mailed out until January, at which time you will be required to pay the \$7 late fee. The late fee assessed members paying after the December 31, 1991, deadline helps defray the cost of postage, additional printing, and fee for services. (This job has been assigned to Pat, our Executive Coordinator, since it requires a lot of time.)

Remember, the database, which as of 1/01/92 will be the basis for all mailing labels (including ToxTalk) and the new SOFT Membership Directory, relies on the dues notice for all information. Information confirmation slips will be mailed to those who have paid their 1992 due at the same time the late dues notices are mailed to those in arrears, probably around February 1st. A March 1st response deadline applies for inclusion in the Directory.

IF YOU DID NOT RECEIVE YOUR 1992 S.O.F.T. DUES NOTICE  
 call 313-884-4718 immediately (leave a message)

Thank you to the following members (147) whose dues have been received as of 11/16/91:

R ALTMAN, JR	W ANDERSON	T APPEL	K BALDWIN-CAS	M BARNHILL, J	M BARTALINI	R BASELT
R BATEH	B BECK	L BEDNARCZYK	P BENCHLER	J BENO	E BERMAN	R BLANKE
L BLUM	K BOGDZIEWICZ	S BOGEMA	R BOST	E BRIGLIA	C BRUNO	B BUCHAN
R BYLER	J CAGLE	D CANFIELD	D CANNON	P CARPENTER	D CASH	R COHN
W COLLOM	V CORDOVA	R CRAVEY	R CZARNY	P DAVIS	R DeLUCA	F DOLEJSI
K DUBOWSKI	D DUFFY	W DUNN	T ECKER	M EISOHLY	C FLETTERICK	D FREDERICK
J FREITAG	D FRITCH	E FROW	H GARBER	M GERE	P GIAQUINTA,	B GOLDBERGER
A GREENSPAN	G GRINSTEAD	G HARDIN	S HARDY	S HAWKINS	M HERNANDEZ	R HILDERBRAND
C HODNETT	C HORNBECK	L HOWARD	M HUESTIS	G JACKSON	N JAIN	J JANSSEN
G JONES	J JONES	J JONES	B JOYNT	R KINCAID	W KRASSELLT	R KUCHARIK
M KUHLMAN, JR	K LABROSSE	N LAPPAS	J LAWRENCE	L LeDONNE-DRA	M LEHRER	B LEVINE
M LEWIS	D MAGINN	J MANNETTA	B MANKO	J MANNO	D MARCOVICH	E MARKER
A McBAY	F McCLURE, II	D McCOY	R McGARRY	J MILZOFF	J MONFORTE	L NORMANN
A MUDARRIS	B NEURNBERGER	J NIED	D NITTSKOFF	B O'ROURKE	E OERTLI	B OLSON
H PEEL	R PHILLIPS	P PIZZO	A POKLIS	R PROUTY	G PURNELL	M RAHMANIAN
C READING	J REED	T REJENT	F RIEDERS	M RIEDERS	D ROBERTS	E SAKER
K SCHWENZER	L SERRANO	J SEXTON	E SHIMOMURA	T SIMONICK	M SLADE	L SMITH
R SMITH	J SPEAKER	V SPIEHLER	J SPIKES	E SPRATT	M STAJIC	E STERN
J STRICKLAND	L STRUEMLER	I SUNSHINE	C SUTHEIMER	J TAYLOR	G TOWNSEND	C TROJAN
J TURK	D TURRIFF	G VALLARO	A VALLON-FRAN	W WAHBA	H WALLS	S WATFORD
V WATTS	H WEINGARTEN	D WELLS	C WINEK	N WU CHEN	G YEARGIN	J ZETTL

An unofficial accounting tells me that there are more contributors to this issue of ToxTalk than to any previous issue that I have had the pleasure of editing. This has always been my concept of the newsletter's intent. My thanks to all who have contributed, not only to this issue, but also in the past.

The December issue contains the first of a series of articles resulting from "an offer I couldn't refuse": James G. Wigmore, a SOFT member employed at the Centre of Forensic Sciences in Toronto, responded to my request for submissions in the last issue of ToxTalk. Jim informed me he has a special interest in the forensic aspects of alcohol and has collected and translated over 40 articles written in German on this subject. Consequently, he offered to provide a synopsis of selected articles for ToxTalk. The first installment appears below under "Technical Notes." I am sure we will all benefit from these synopses representing important literature contributions which may not have been available to many members.

Material continues to be collected for our previously-announced features:

MARCH 1992 TOXTALK: "ANTIDEPRESSANTS," Brad Hepler editing

JUNE 1992 TOXTALK: "DUID," Chip Walls editing

Note that Brad is replacing Chip as special topic editor for the March issue since, as chairman of SOFT's DUID Committee, Chip offered to solicit papers for the June issue. We have some case notes already for the March issue but more would be welcome. Please submit material for either issue to the indicated special subject editor. (Specific instructions are on page 8.)

The print in this issue of ToxTalk is slightly smaller than the last issue, thereby reducing the number of pages in this issue. This results in savings on both printing and mailing costs but does not reduce the amount of information contained in the issue. (Remember, I am constantly under the scrutiny of Treasurer Mark Lewis and am accountable to the Board of Directors.) Hopefully, there has been no decrease in the quality of the printed product.

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### TECHNICAL NOTES: "BLUTALKOHOLKONZENTRATION"

Submitted by J. G. Wigmore, Toxicology Section, Centre of Forensic Sciences, Toronto, Ontario, Canada

Studies on the Effect of Vomiting on the Blood Curve During Continuous Blood Alcohol Determination  
H Joachim, G Friedrich, and H Ulmann; *BLUTALKOHOL* 11(2):88-99, 1974.

Experiments were conducted as to the effect of vomiting on BAC, since it is known that vomiting disturbs water, mineral and acid-base balance and can cause a pronounced collapse of the peripheral vessels, especially those of the skin. All these factors could potentially influence the BAC.

Twenty subjects were given 1g/kg ethanol diluted with isotonic saline solution infused IV over 30 minutes. BACs were determined continuously by the method of LIETHOFF and analysed by an ADH procedure. After 60 to 90 minutes when the BAC curve showed a linear decrease within normal values, 10 subjects received Apomorphine IM at a dose of 10 mg, and 10 subjects received 100 mL of a copper sulphate solution p.o., to induce vomiting. All subjects were in a semi-reclined position in a chair throughout the experiment. Two to six minutes after the Apomorphine was injected, the subjects experienced intense nausea and violent "retching" which lasted up to an hour and in one case over 2 hours! During the first 5 to 10 minutes of vomiting, the subjects were so ill that they could not speak. The skin of the subjects became very pale.

For the ten subjects who consumed the copper sulphate solution, the authors report that the symptoms were relatively mild and that minor vomiting occurred after 1 to 6 minutes. However, the subjects did not look sick.

Vomiting had NO significant effect on the BAC curve as determined by continuous blood sampling for both groups of subjects and caused NO irregularities of the BAC curve. The authors indicate that slight fluctuation in the BAC curve were the products of sensitivity of the recorder.

Blood glucose and blood hemoglobin concentrations were also determined in the subjects. Hemoglobin concentrations showed no change due to vomiting, and blood glucose showed a distinct increase after vomiting.

The authors indicate that some earlier studies on the effect of vomiting on BAC were flawed in that capillary blood samples were collected and could be influenced by the collapse of the peripheral vessels in the skin. The authors stated that "...due to the uniformity of the results combined with the consideration that the subjects were undergoing quite severe stress, led us to limit our experiments to 10 subjects per emetic." The conclusion of the English summary is that "In respect to these results there should be no special forensic-medical opinion of the ethanol level in blood after vomiting."

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MARK YOUR CALENDARS: 1992 S.O.F.T. ANNUAL MEETING - OCTOBER 12-17 - HARTFORD, CONNECTICUT

U.S. VIRGIN ISLAND POLICE SEEK S.O.F.T.'s ASSISTANCE

Contributed by Marc De Gouffe, R.C.M.P. Central Forensic Laboratory, Ottawa, Ontario

Please find listed below information regarding 3 cases with victims under investigation by the U.S. Virgin Island Police department as homicides. In all cases the victims ingested a "Magic Potion" apparently as part of a ritual to obtain good luck. All of the victims are Caribbean area natives. The cyanide concentrations are noted below.

May 24, 1984: Adult male of African descent  
 Blood: 3.6 PPM  
 Lung: 1.45 PPM  
 Gastric contents: 27 PPM

Sept. 13, 1986: Adult female of Puerto Rican (European/African) descent  
 Blood: 10 uG/mL

Adult male of African descent  
 Blood: 14 uG/mL

Cyanide (no levels given) was also found in the livers and gastric contents of both subjects.

Nov. 18, 1988: Adult male of East Indian descent  
 Blood: 5 PPM  
 Urine: 0.1 PPM  
 \*Tissue: 7 PPM  
 Gastric contents: 200 PPM

Adult female of East Indian Descent  
 Blood: 10 PPM  
 Urine: 1 PPM  
 \*Tissue: 10 PPM  
 Gastric contents: 750 PPM

\* Editor's note: specific tissue not indicated by author

If you have any information regarding similar type cases, please contact Capt. Peter Anderson or Lt. J.L. Rhymer at 809-778-1369, 778-1001, or FAX 809-778-4950. Mailing address: Patrick Sweeney Headquarters, R.R. 02, Kingshill, U.S.V.I. 00850

CASE 1 HISTORY OF DEATH: A 46-year-old man was found face down in the bathroom. It is believed that he was overcome by smoke following a fire which started in his bedroom. Earlier he was seen at a bar and was taken home by a friend. His wife stated that he often smoked in bed. At the conclusion of the investigation it was felt that smoking while being intoxicated by alcohol probably had caused the fire. CAUSE OF DEATH: Asphyxia due to inhalation of soot in the trachea and lungs.

CASE 2 HISTORY OF DEATH: A 35-year-old female was found face down on the living room floor of her residence. There were extensive second and third degree burns to the upper half of the body. At the conclusion of the investigation it was felt that a light jacket which she was wearing caught fire from one of three candles found nearby which engulfed the victim within seconds (i.e. flash fire). There was microscopic evidence of tracheal-bronchial inhalation of soot. CAUSE OF DEATH: Asphyxiation caused by tracheal-bronchial inhalation of hot gases associated with second and third degree thermal injuries to the upper half of the body.

LABORATORY FINDINGS:

	CASE 1	CASE 2
Alcohol: (peripheral blood)	200 mg%	160 mg%
CO: (peripheral blood)	38% saturation	not detected
(cardiac blood)	44% saturation	not detected
Cyanide: (peripheral blood)	1.6 mg/L	0.3 mg/L
(cardiac blood)	not detected	not detected

COMMENTS: In each of these two cases cyanide was found to be present in peripheral blood but was not found in cardiac blood. The reason for this is at yet unknown; however, it does show the importance of sampling autopsy blood from both cardiac and peripheral sites.

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FATAL METHOMYL POISONINGS IN CRETE

Contributed by E.N. Machrodimitrakis and A.M. Tsatsakis, University of Crete, School of Medicine, Dept. of Forensic Sciences, Greece

Crete is an island in the center of the Mediterranean Sea with a population of about 500,000. The economy is based mainly on agriculture services. During a twelve-month period, Spring 1990-91, a significant number of fatal methomyl poisonings were detected in the laboratory of the Department of Forensic Sciences (9 cases).

Methomyl is a carbamate insecticide (trade name Lannate) widely used in agriculture. Four cases were suicides, three homicides, and two were accidental due to use of trade pesticide and improper housekeeping. This number of cases exceeds those due to other pesticide products (e.g. mostly paraquat "Gramoxone," organophosphates) plus those due to pharmaceutical substances, mostly flunitrazepam and narcotics.

Ethanol was present in the blood in many of the cases. The methomyl quantity extracted from stomach contents after homogenization procedures varied between 1.3 - 2.9 g. The most effective extraction procedure used chloroform. Blood methomyl concentrations, determined with HPLC methods after extraction procedures, varied from 8 - 56 mg/L. Methomyl extraction was best carried out with chloroform from blood made alkaline with diluted ammonia solution.

# JOURNAL CLUB: DEATH BY POISONS -- A Selected Bibliography

Submitted by: H. Chip Walls, Toxicology Lab, Rm 706, 600 South State St., Syracuse, NY 13202 (315-435-3802)

## A Selected Bibliography for "Death By Poisons"

Lessons Learned from the Past... In the now classic 1974 book by L. Adelson, M.D., "The Pathology of Homicide" the only chapter on murder is entitled "Murder by Poison". A few citations of non-drug related deaths from this chapter.

1. **ACUTE SODIUM FLUORIDE POISONING.** Abukurah, Abdul R., Moser, Artus M. Jr., Baird, C. Lewis, Randall, Russell E. Jr., Settler, John G., and Blanke, Robert V. JAMA, 222:816, 1972.
2. **FATAL HYDROGEN SULFIDE INTOXICATION.** Adelson, Lester and Sunshine, Irving. Arch Pathol. 81:375, 1966.
3. **ACUTE METHYL ALCOHOL POISONING: A REVIEW BASED ON EXPERIENCES IN AN OUTBREAK OF 323 CASES.** Bennett, Ivan L. jr., Cary, Freeman, H., Mitchell, George L. Jr., and Cooper, Manuel N. Medicine. 32:431, 1953.
4. **ARSENICAL ENCEPHALOPATHY.** Call, Richard A., and Gunn, F. D. Arch Pathol. 48:119, 1949.
5. **UNSUSPECTED POISONING.** Gee, D. J., and Dalley, R. A. Med Sci Law. 7:56, 1967.
6. **ARSENIC TOXICOLOGY AND BIOCHEMISTRY.** Vallee, Bert L., Ulner, D.D. and Wacker, W.E.C. Arch Ind Health. 21:132, 1960.
7. **SCIENTIFIC EVIDENCE OF POISONING CASES.** Walker, Joseph T. Clinics. 1:1520, 1943.

Following the same "vein" as the last issue of TOXTALK, the "One that almost got away", this review is slanted towards compounds that might, through a routine toxicological examination, escape detection.

A more current selection of poisoning literature picked to provoke thought and to highlight only a few unusual or run of the mill type cases -- send in your favorite references.

1. **DIFFICULT DIAGNOSES IN TOXICOLOGY. POISONS NOT DETECTED BY THE COMPREHENSIVE DRUG SCREEN.** Wiley, J.F. 2d. Pediatr-Clin-North-Am. 1991 JUN; 38(3); p 725-37.
2. **1990 ANNUAL REPORT OF THE AMERICAN ASSOCIATION OF POISON CONTROL CENTERS NATIONAL DATA COLLECTION SYSTEM.** American Journal of Emergency Medicine (ISSN 0735-6757), Volume 9, Number 5 (September 1991). This database has been published for the past 5 to 7 years. The 1990 issue has 612 reported fatalities. A particularly useful point to this database is data on unusual poisoning and a brief but concise case history and the physical findings. ??? How can there be only 612 fatalities reported last year. How can Medical Examiner's data be integrated with poison control center data???
3. **ADMISSION TO A PEDIATRIC INTENSIVE CARE UNIT FOR POISONING: A REVIEW OF 105 CASES [LETTER; COMMENT].** Stern, A. Crit-Care-Med. 1990 SEP; 18(9); p 1051.
4. **FATAL NICOTINE INGESTION.** Lavoie, F.W. and Harris, T.M. J-Emer-Med. 1991 May-June; 9(3); p 133-6.
5. **PRIMARY AND SECONDARY DETOXIFICATION IN SEVERE FLECAINIDE INTOXICATION.** Gotz, D., Pohle, S., and Barckow, D. Intensive-Care-Med. 1991; 17(3); p 181-4.

6. **CHLOROQUINE POISONING IN A CHILD.** Kelly, J.C., Wasserman, G.S., Bernard, W.D., Schultz, C., and Knapp, J. Ann-Emerg-Med. 1990 Jan; 19(1); p 47-50.
7. **PEDIATRIC POISONING FROM OVER-THE-COUNTER IMIDAZOLINE-CONTAINING PRODUCTS.** Higgins, G.L. III, Campbell, B., Wallace, K., and Talbot, S. Annals of Emergency Medicine. 1991 JUN; 20(6); p 655-58.
8. **THE EVOLVING PATTERN OF DIGOXIN INTOXICATION: OBSERVATIONS AT A LARGE URBAN HOSPITAL FROM 1980 TO 1988.** Madyhoun, H., Battilana, G., Rosman, H., Goldstein, S., and Gheorghide, M. Am-Heart-J. 1990 NOV; 120(5); p 1189-94.
9. **"DESIGNER DRUGS". TREATING THE DAMAGE CAUSED BY BASEMENT CHEMISTS.** Evanko, D. Postgrad-Med. 1991 MAY 1; 89(6); p 67-71.
10. **SEVERE CYANIDE POISONING FROM THE INGESTION OF AN ACETONITRILE-CONTAINING COSMETIC.** Turchen, S.G., Manoguerra, A.S., and Whitney, C., Am-J-Emerg-Med. 1991 MAY 9(3); p 264-7.
11. **CYANIDE POISONING FROM A COSMETIC NAIL REMOVER.** Losek, J.D., Rock, A.L., and Boldt, R.R. Pediatrics. 1991 AUG; 88(2); p 337-40.
12. **CYANIDE POISONING: PATHOPHYSIOLOGY AND CURRENT APPROACHES TO THERAPY.** Gonzales, J. and Sabatini, S. Int-J-Artif-Organs. 1989 JUN; 12(6); p 347-55.
13. **A REVIEW OF ORGANOPHOSPHATE POISONING.** Minton, N.A. and Murray, V.S. Med-Toxicol-Adverse-Drug-Exp. 1988 SEP-OCT; 3(5); p 350-75.
14. **MANAGEMENT OF ACUTE CHILDHOOD POISONINGS CAUSED BY SELECTED INSECTICIDES AND HERBICIDES.** Mortensen, M.L. Pediatr-Clin-North-Am. 1986 APR; 33(2); p 421-45.
15. **INTENTIONAL SELF-POISONING WITH GLYPHOSATE-CONTAINING HERBICIDES. "Roundup".** Menkes, D.B., Temple, W.A., and Edwards, I.R. Hum-Exp-Toxicol. 1991 MAR; 10(2); p 103-7.
16. **RED BLOOD CELL AND TOTAL BLOOD ACETYLCHOLINESTERASE AND PLASMA PSEUDACHOLINESTERASE IN HUMANS: OBSERVED VARIANCES.** Sanz, P., Rodriguez-Vincente, M.C., Diaz, D., Repetto, J., and Repetto, M. J-Toxicol-Clin-Toxicol. 1991; 29(1); p 81-90.
17. **TREATMENT OF ACUTE ORGANOPHOSPHATE POISONING.** Lotti, M. Med-J-Aust. 1991 JAN 7; 154(1); p 51-5.
18. **ACCIDENTAL POISONING WITH A SUPERWARFARIN COMPOUND (BRODIFACOUM) IN A CHILD.** Watts, R.G., Castleberry, R.P., and Sadowski, J.A. Pediatrics. 1990 DEC; 86(6); p 883-7.
19. **COVERT SELF POISONING WITH BRODIFACOUM, A "SUPERWARFARIN".** Wallace, S., Worsnop, C., Paull, P., and Mashford, M.L. Aust-N-Z-J-Med. 1990 OCT; 20(5); p 713-5.
20. **ACUTE NITRATE POISONING: A REPORT OF 80 CASES [LETTER].** Gao, L. and Guo, Y.S. AM-J-Emerg-Med. 1991 MAR; 9(2); p 200-1.
21. **NEAR FATAL SUBACUTE THALLIUM POISONING NECESSITATING PROLONGED MECHANICAL VENTILATION.** Vergauwe, P.L., Knockaert, D.C., and Tittelboom, T.J. Am-J-Emerg-Med. 1990 NOV; 8(6); p 548-50.
22. **THE TOTAL IRON-BINDING CAPACITY IN IRON POISONING. IS IT USEFUL?** Tenenbein, M. and Yatscoff, R.W. AM-J-Dis-Child. 1991 APR; 145(4); p 437-9.

# JOURNAL CLUB: DEATH BY POISONS -- A Selected Bibliography

Submitted by: H. Chip Walls, Toxicology Lab, Rm 706, 600 South State St., Syracuse, NY 13202 (315-435-3802)

23. **ARSENIC INTOXICATION PRESENTING AS A MYELODYSPLASTIC SYNDROME: A CASE REPORT.** Rezuze, W.N., Anderson, C., Pastuszak, W.T., Conway, S.R., and Firshein, S.I. *AM-J-Hematol.* 1991 APR; 36(4); p 291-3.
24. **ARSENIC EXPOSURE IN MISSISSIPPI: A REVIEW OF CASES.** Park, M.J. and Currier, M. *South-Med-J.* 1991 APR; 84(4); p 461-4.
25. **POISONING WITH A TRADITIONAL REMEDY CONTAINING POTASSIUM DICHROMATE.** Michie, C.A., Hayhurst, M., Knobel, G.J., Stokol, J.M., and Hensley, B. *Hum-Exp-Toxicol.* 1991 MAR; 10(2); p 129-31.
26. **ACUTE POISONING CAUSED BY WOOD PRESERVATIVES FROM THE VIEWPOINT OF THE BERLIN (EAST) CENTRAL TOXICOLOGIC INFORMATION SERVICE.** Liebenow, H. and Gruttner, S. *Z-Arztl-Fortbild-(Jena).* 1991 APR; 85(8); p 385-8.
27. **EFFECTS OF PENTACHLOROPHENOL AND OTHER CHEMICAL PRESERVATIVES ON THE HEALTH OF WOOD-TREATING WORKERS IN HAWAII.** Gilbert, F.I. Jr., Minn, C.E., Duncan, R.C., and Wilkinson, J. *Arch-Environ-Contam-Toxicol* 1990 JUL-AUG; 19(4); p 603-9.
28. **ETHYLENE GLYCOL TOXICITY [CLINICAL CONFERENCE].** Miller, W. *Del-Med-J.* 1990 OCT; 62(10); p 1267-72.
29. **METHANOL POISONING IN A SIX-WEEK-OLD INFANT.** Brent, J., Lucas, M., Kulig, K., and Rumack, B.H. *J-Pediatr.* 1991 Apr; 118(4 (Pt 1)); p 644-6.
30. **METHYLENE CHLORIDE: REPORT OF FIVE EXPOSURES AND TWO DEATHS.** Leikin, J.B., Kaufman, D., Lipscomb, J.W., Burda, A.M., and Hryhorczuk, D.O. *Am-J-Emerg-Med.* 1990 NOV; 8(6); p 534-7.
31. **ACCIDENTAL KEROSENE INGESTION: A 3-YEAR PROSPECTIVE STUDY.** Dudin, A.A., Rambaud-Cousson, A., Thalji, A., Jubeh, I.I., Ahmad, H.M., and Libdeh, B.A. *Ann-Trop-Pediatr.* 1991. 11(2); p 155-61.
32. **γ-HYDROXYBUTYRATE: A HEALTH-FOOD PRODUCING COMA AND SEIZURE ACTIVITY.** Dyer, J.E. *American Journal of Emergency Medicine.* Vol. 9, No. 4, July 1991
33. **POISONING.** Steinhart, C.M., and Pearson-Shaver, A.L. *Critical Care Clinics.* Vol. 4, No. 4, October 1988
34. **MEDICINE AND THE LAW: SUDAFED CAPSULES POISONED WITH CYANIDE.** Brahams, D. *The Lancet.* 1991 Apr 20. 337(8747). p 968.
35. **YEAR BOOK: TOXICOKINETICS OF PARAQUAT IN HUMANS.** Houze, P., Baud, F.J., Bismuth, C., Bourdon, R., and Scherrmann, J.M. *Human Exp Toxicol.* 1990. 9. pp 5-12.
36. **OCCASIONALS: THE NEGATIVE CORONER'S NECROPSY: A PERSONAL APPROACH AND CONSIDERATION OF DIFFICULTIES.** Lawler, W. *Journal of Clinical Pathology.* 1990 Dec. 120(6). pp 977-980.
37. **CORRESPONDENCE: INCREASE IN \*DEATHS\* FROM DELIBERATE INHALATION OF FUEL GASES AND PRESSURISED AEROSOLS.** Anderson, H.R. *The British Medical Journal.* 1990 Jul 7. 301(6742). p 41.
38. **ORIGINAL ARTICLES: AN OUTBREAK OF TOXIC ENCEPHALOPATHY CAUSED BY EATING MUSSELS CONTAMINATED WITH DOMOIC ACID.** Perl-Trish, M., Bedard, L., Kosatsky, T., Hockin, J. Todd-Ewen, C.D., and Remis, R.S. *The New England Journal of Medicine.* 1990 Jun 21. 322 (25). pp 1775-1780.
39. **CLINICAL STUDIES: THEOPHYLLINE TOXICITY: CLINICAL FEATURES OF 116 CONSECUTIVE CASES.** Sessler, C.N. *The American Journal of Medicine.* 1990 Jun. 88(6). pp 567-576.
40. **PEDIATRIC PHARMACOLOGY AND THERAPEUTICS: CLOMIDINE \*POISONING\* IN YOUNG CHILDREN.** Wiley, J.F., Wiley, C.C., and Torrey, S.B. *The Journal of Pediatrics.* 1990 Apr. 116(4). pp 654-658.
41. **THE LITERATURE OF MEDICINE: REVIEWS, NOTES, AND LISTINGS: CLINICAL MANAGEMENT OF POISONING AND DRUG \*OVERDOSE\*.** Blanc, P.D. *Annals of Internal Medicine.* 1991 Jun 1. 114(11). pp 996-997.

\*\*\*\* **CALL FOR PAPERS** \*\*\*\*

## 1992 S.O.F.T J.A.T Special Issue Production Schedule for 1992 Issue

- ♦ **MARCH 16 (Monday)** Title & Abstract Submitted to Guest Editor
- ♦ **April 1 (Wednesday)** Completed Manuscript to Guest Editor

For the 12<sup>th</sup> consecutive year, J.A.T will have a special issue devoted to S.O.F.T and its members. There will be room for approximately 14 articles. They will be considered based on merit and timely submission. Last years issue had 42 submissions. So... Get those papers Moving!!!!

Submit papers to: H. Chip Walls, Guest Editor  
Toxicology Laboratory  
Room 706  
600 South State Street

## ELMER GORDON OPEN FORUM

### AN OPPORTUNITY FOR INFORMAL DIALOGUE

Randall Baselt reports he has the remaining stock of the following and will make these available to SOFT members at reduced rates as long as the supplies last:

Lauwerys: INDUSTRIAL CHEMICAL EXPOSURE (1983) @ \$15 each  
Cravey: INTRODUCTION TO FORENSIC TOXICOLOGY (1981) @ \$45 each

Contact Lana Mak, Chemical Toxicology Institute, P O Box 8209, Foster City, CA 94404 (Tel: 415-573-6222 FAX: 415-574-6698)

FREE LISTING in a "Sourcebook" citing technical experts and laboratories. For a form for free individual or company listing, contact Assets Protection Publishing, P.O. Box 5323, Madison, WI 537-0323 (Tel: 608-271-6768 FAX: 608-271-4520)

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DON'T FORGET: MAIL YOUR 1992 SOFT DUES BEFORE 1/1/92

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## CAREER OPPORTUNITIES

RESPONSIBLE PERSON: Position available at NIDA-certified laboratory in Southfield, MI. Salary competitive and excellent benefit package. For further information, telephone Roger W 313-355-2220.

BENCH AND SENIOR LEVEL CHEMISTS: 2 positions available, minimum BS and 20 hours chemistry, toxicology experience preferred. Competitive salary. Contact Elizabeth Spratt, Westchester County Dept. of Laboratories and Research, Valhalla, NY 10595 (Tel: 914-524-5615)

TOXICOLOGY ADMINISTRATIVE MANAGER for NIDA certified lab: Chemistry B.S. or Med Tech B.S. and MT certificate or 6 yrs clin tox/chem lab experience with 2 yrs as supervisor. Call Cathy Spear (collect 219-234-4176 x359), South Bend Medical Foundation, South Bend, IN

SCIENTIFIC DIRECTOR: NIDA-certified lab seeks Ph.D. with technical experience, including GC/MS. Contact Gerald Sheys, BIORAN, 415 Massachusetts Ave., Cambridge, MA 02139 (Tel: 617-547-8900 x625)

## PROFESSIONAL CALENDAR

CALIFORNIA ASSOCIATION OF TOXICOLOGISTS quarterly meetings and workshops. For information contact Susan Knight (1-800-854-0277) or Thomas Sneath (805) 322-4250.

NORTHEASTERN ASSOCIATION OF FORENSIC SCIENTISTS meeting: October 18 & 19, 1991, Melville, NY (Long Island). Workshops include Stress Debriefing, and arson-related topics. Contact Peter Pizzola 914-377-7756.

AAFS MEETING AND WORKSHOPS: February 17-22, 1992, Hyatt Regency, New Orleans. Includes 2 toxicology workshops on Feb. 18 - "The Benzodiazepines: Pharmacology and Analytical Techniques" and "Frontiers in Forensic Toxicology." Contact: AAFS 719-636-1100

Spring 1992 2-1/2 day FORENSIC TOXICOLOGY SEMINAR sponsored by the Armed Forces Institute of Pathology and American Registry of Pathology. For information, contact Barry Levine 202-576-2910

"PROFESSIONAL PRACTICE IN TOXICOLOGY: A REVIEW" June 21-25, 1992 sponsored by AACC and NACB at the University of Cincinnati. Contact Joanna Glenn, AACC, 2029 K Street, NW, 7th floor, Washington, DC 20006 or call SOFT member Donald Cannon, Ph.D., 513-745-1359, FAX 513-745-1321

S.O.F.T. ANNUAL MEETING - OCTOBER 12-17, 1992 - HARTFORD, CONNECTICUT: For further information, contact C. Neal Reading, Ph.D., P.O. Box 1689, Hartford, CT 06144 (telephone: 203-566-4258)

Future SOFT meeting sites: 1993 - SOFT/CAT Phoenix (V. Watts) 1994 - SOFT/TIAFT Tampa (H. McCurdy)  
1995 - 25th Anniversary Baltimore (Y. Caplan)

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## CALL FOR CASE NOTES FOR TOXTALK (AND INSTRUCTIONS)

REQUESTED TOPICS: ANTIDEPRESSANTS - submit to Bradford Hepler, WCMEQ, 400 E Lafayette, Detroit, MI 48226 (313-224-6459) before 2/01/92  
DUID - submit to Chip Walls, Tox Lab, Rm 706, 600 S State St, Syracuse, NY 13202 (315-435-3801) before 6/01/92

Material should be submitted in "print-ready" form whenever possible: 8-1/2" x 11" white paper; top and side margins = 1/4" e bottom margin = 1/2"; condensed print, do not waste space. Length should not exceed 1 page; 1/2 page preferred for case notes. Priority given to papers on requested topics. For details, contact Dr. Monforte, ToxTalk Editor (313-224-5626).



November 1, 1991

## **CALL FOR PAPERS** ***S.O.F.T./JAT SPECIAL ISSUE***

The September/October issue of the *Journal of Analytical Toxicology* will be the 12th annual special issue on forensic toxicology produced in collaboration with the Society of Forensic Toxicologists (S.O.F.T.). The issue will be distributed at the 1992 S.O.F.T. meeting in Connecticut. Chip Walls will be the guest editor for this issue. Manuscripts to be considered for publication should be directed to him at the following address:

H. Chip Walls  
S.O.F.T./JAT Special Issue Editor  
Tox Lab  
Room 706  
600 South State Street  
Syracuse, NY 13202

Telephone: (315) 435-3802  
Telefax: (315) 435-5720

### **The deadlines for submissions are as follows:**

Abstracts due **March 16, 1992.**  
Completed papers due **April 1, 1992.**

If you are considering submitting your paper for a presentation at the next meeting of the Society of Forensic Toxicologists, the following information will be helpful to you.

S.O.F.T. ANNUAL MEETING      October 12 - 19, 1992      Hartford, CT

For further information, contact: C. Neal Reading  
P.O. Box 1689, Hartford, CT 06144  
Telephone: 203-566-4258

Probable deadline for abstracts:      July 1, 1992

