



TOX TALK

Society of Forensic Toxicologists, Inc.

1013 THREE MILE DRIVE • GROSSE POINTE PARK • MICHIGAN 48230-1412
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CO-EDITORS: J.R. MONFORTE, PH.D. AND Y.C. CAPLAN, PH.D.
EDITORIAL BOARD: H.C. WALLS, B.S. AND V. WATTS, B.S.

MESSAGE FROM THE PRESIDENT ROBERT O. BOST, PH.D.

First, I wish to express "thank you's" to Mike Peat and his committee for all their work in preparing the Laboratory Guidelines Report. Many of us submitted comments, suggestions, and criticism; this total effort helped to modify and refine the document. Our membership recognized that this set of guidelines represents the best consensus and approved them by an overwhelming majority. Again, our thanks and appreciation to all who participated.

Now to new happenings. Mike Walsh's office at NIDA contacted me and asked SOFT to take on the responsibility of organizing the scientific content of a conference on "Hair As A Medium For Drug Analysis." After phone calls to most of the officers and directors for their approval, I agreed that SOFT would accept this project. The following people have agreed to work with me on an advisory committee: Vina Spiehler, Bill Anderson, Jim Garriott, Jane Speaker, Pat Field, and Thorne Butler. The conference is scheduled for May 28th in Washington, D.C., at the Hyatt Regency Hotel (downtown). It will take the form of presentations by invited speakers regarding research they are conducting, followed by a panel discussion which will include the speakers and other committee members. The goal is to evaluate the present state of knowledge on this subject, to describe research areas that need to be pursued, and to indicate whether this type of scientific material is substantial enough to be accepted as evidence in court. NIDA will look for advice on whether hair should be an acceptable alternative to urine and also for guidance as to research projects that should be supported and funded. Members of the media, professional publishers, congressional staffs, and other federal agencies will be informed about the conference and invited to attend. (continued on page 11)

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REGULAR FEATURES: - PROFESSIONAL CALENDAR - CAREER OPPORTUNITIES
- JOURNAL CLUB

OF SPECIAL INTEREST: - E.R.A. REVIEW - JAT/SOFT ISSUE INFORMATION

INSERT: - E.R.A. FLYER

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ToxTalk is mailed quarterly to members of the Society of Forensic Toxicologists, Inc. For membership information contact: Alphonse Poklis, Ph.D., 1990 SOFT Secretary, Director, MCV Tox Lab, Box 597 - MCV Station, Richmond, VA 23298. telephone: (804) 786-0272. Non-members may now receive ToxTalk for \$15 per calendar year. Mail a check payable to S.O.F.T. to ToxTalk at the address below.

All members and others are invited to contribute to ToxTalk. Submit all materials (original plus 3 copies, if possible) for publication consideration to: Joseph Monforte, Ph.D., ToxTalk, 1013 Three Mile Drive, Grosse Pointe Park, MI 48230-1412. DEADLINES: Feb. 1, May 1, Aug. 1, and Nov. 1.

* * * NEXT TOXTALK DEADLINE: AUGUST 1, 1990 * * *

SOFT 20TH ANNIVERSARY MEETING INFORMATION

The Toxicologists of the New York Metropolitan Region are hard at work organizing SOFT's 20th Anniversary Meeting to be held September 11-15th at the Carlin Hotel (Long Island). The meeting information that you receive with the March issue of ToxTalk indicates a full schedule of events for everyone who attends. The scientific, social and anniversary events that are being offered plus the accessibility of Long Island's and NYC's many attractions should make this a difficult meeting to miss.

Dr. C. Nicholas Hodnett reports the committee will be mailing you a meeting registration form, travel and room information, and additional details concerning this exciting program.

LOOKING BACK

by Joseph R. Monforte, Ph.D.

I was asked to reflect on the first SOFT meeting, held in Nassau County, New York, 1970. Much of the entire scientific session concerned alcohol analysis. Details of specimen selection and methodology were discussed in what was then an informal format - Nassau County personnel presented their procedures, and this was followed by discussion. The most vivid recollection I have is that a consensus was not reached on what constituted appropriate methodology for the determination of ethyl alcohol in post-mortem biological specimens.

The obvious recollection is the people I recall meeting at that time. Following is a partial list of characters. Can you match the member with his/her affiliation in 1970? (Answers on last page.)

Len Bednarczyk	Buffalo
Mort Burke	Okla. City
Leo DalCortivo	Dallas
Kurt Dubowski	Nassau Co.
Abe Frireich	Suffolk Co.
Elmer Gordon	Nassau Co.
June Jones	Nassau Co.
Tom Manning	Atlanta
Mort Mason	Wilmington
Walter Matusiak	Westchester
Joe Monforte	Rochester
Thomas Rejent	Baltimore
Paul Schweda	Cleveland

(Consider submitting an article for "Looking Back" in the next issue.)

Look for these exhibitors at the 1990 SOFT Annual Meeting.

Alltech Associates, Inc.
Bio-Rad Laboratories
Diagnostic Products Corp.
Roche Diagnostic Systems, Inc.
Savant Instruments, Inc.
Syva Company
Uniflex

SOFT appreciates the support of these companies.

If you are interested in or are aware of a company that would benefit from participating in the SOFT meeting as an exhibitor or corporate sponsor, please contact:

Dr. Marina Stajic, Office of the Chief Medical Examiner, 520 First Avenue, New York, NY 10016 (telephone: 212-340-0123).

For information on the 1990 20th Anniversary Meeting of the Society of Forensic Toxicologists - SEPTEMBER 11-15, 1990 - contact:

Michael P. McGee
1990 SOFT Meeting Chairman

Office of the Chief Med. Examiner
520 First Avenue
New York, NY 10016

(telephone 212-340-0120)

SOCIETY OF FORENSIC TOXICOLOGISTS EDUCATIONAL RESEARCH AWARDS

by Vickie W. Watts

In 1979 SOFT President Dr. Tom Regent was instrumental in obtaining seed money in the form of a \$1,500.00 grant from Hoffman LaRoche to be used for financial assistance to a qualified Toxicology student. The SOFT Board of Directors, therefore, established a "Grant in Aid" stipend to support graduate level research in Forensic Toxicology. Candidates seeking consideration for this award were asked to submit a completed curriculum of their studies, title and progress of their current project, along with a list of their previous education and technical accomplishments. The Board of Directors, again in 1979, announced that a single award was to be made annually to the candidate pursuing projects thought to be of greater benefit to the profession of Forensic Toxicology and to the forensic sciences as a whole. Under the direction of Dr. Vincent Lynch (then chairman of the Educational Committee of SOFT), Dr. Jesse Bidanset, and Dr. Yale Caplan, the stipend fund was developed into the SOFT Education Award dedicated to continuing effective education in the forensic toxicology field.

The first SOFT Education Award of \$500.00 was presented in 1980 to John Hebb, Jr., doctoral candidate at the University of Maryland, for his work with tricyclic antidepressant drugs under the direction of Dr. Yale Caplan. Christopher Long, doctoral candidate at St. John's University, was the second recipient of the SOFT Education Award in 1981 for his research in lidocaine toxicity, under the direction of Dr. Jesse Bidanset and Dr. Vincent Lynch.

In 1982, the SOFT Grant-in-Aid stipend was renamed the SOFT Educational Research Award (ERA) as it was awarded to the third recipient, Barry Levine, doctoral candidate at Medical College of Virginia for his research in Post Mortem Stability of Drugs in Blood and Tissue under the direction of Dr. Robert Blanke and Dr. James Valentour. In 1986, a \$10.00 increase of SOFT membership dues was approved by the Board of Directors to form a base for building the Educational Research Award (ERA) to \$10,000.00. At this point, it was felt that ERA could generate an annual award of at least \$1,000.00 from interest on the principal.

The ERA is made available today to students pursuing advanced degrees in the area of chemistry, pharmacology, toxicology, or other related disciplines, whose research project is consistent with the needs of forensic toxicologists. Part of the award may also be used for the recipient to travel to the SOFT annual meeting to present data from his/her research. In this way, the Society of Forensic Toxicologists continues to encourage young researchers to study the fields of forensic toxicology, thereby obtaining data for use by us all.

Since 1980, there have been 19 recipients of the SOFT Education Research Award. Table I details, in order by year, each Education Award recipient, the graduate institution and research proposal, followed by their current position held, and new areas of research.

S.O.F.T. EDUCATIONAL RESEARCH AWARDEES

<u>Year</u>	<u>Name</u>	<u>Institution</u>
1980	John H. Hebb, Jr.	University of Maryland Baltimore, Maryland
	<p>Research Proposal: Tricyclic Antidepressant Drug Fatalities: Correlation of an Experimental Model of Cardiotoxicity with Medical Examiner Cases. Dr. Hebb completed his research on Tricyclic Antidepressants to receive his doctoral degree in 1981, under the direction of Dr. Yale Caplan. His research was subsequently reported in two articles in the Journal of Analytical Toxicology, Vol.6, Sept/Oct 1982, pp. 206-208 and pp. 209-215.</p> <p>Current Activities: Dr. Hebb is currently working as a forensic toxicology consultant in the Baltimore, Maryland, area.</p>	
1981	W. Christopher Long	St. John's University Jamaica, New York
	<p>Research Proposal: Lidocaine's Central Toxicity. Dr. Long completed his research in this area to receive his doctoral degree in 1981. The data from this research was presented at the annual meeting of both the Society of Forensic Toxicologists (1981) and the American Academy of Forensic Sciences (1982).</p> <p>Current Activities: Dr. Long worked as Forensic Toxicologist for Nassau County for 11 years and for the Illinois State Police for two years. In 1987, he moved to Toxicology Laboratories, St. Louis, to become Director of the Toxicology Laboratory. In his present position, he supervises the Post Mortem and DUI-drug laboratory and the NIDA forensic urine drug testing laboratory for the St. Louis University School of Medicine. His current research activity is in the area of cardiac toxicity of cocaine.</p>	
1982	Barry S. Levine	Medical College of Virginia Richmond, Virginia
	<p>Research Proposal: The Postmortem Stability of Drugs in Blood and Tissues. Dr. Levine completed his work in this area to receive his doctoral degree in 1982 under the direction of Dr. Robert Blanke and Dr. James Valentour. This research resulted in two subsequent publications in the Journal of Forensic Science, Vol.28, pp.102-115, 1983 and Vol.29, pp.131-138, 1984.</p>	

Current Activities: Dr. Levine worked six years in the Office of the Chief Medical Examiner, Baltimore, Maryland, spending three of the years as Supervisor of the Toxicology Laboratory. He has recently moved to Washington, D.C. where he is Chief of the Forensic Toxicology Laboratory of the Division of Forensic Toxicology, AFIP. His current research activities are in the Analysis of Spleen for CO Interpretation and Post Mortem Ethanol Formation in Liver.

1983 Paul W. Hale, Jr. St. Louis University Medical Center
St. Louis, Missouri

Research Proposal: An Investigation into the Cardiotoxicity of Thioridazine: Emphasis on the Ring Sulfoxide Metabolite

1984 Bruce A. Goldberger University of Maryland
Baltimore, Maryland

Research Proposal: An Evaluation of the Techniques Used in the Preservation and Analysis of Alcohol From Breath Specimens. Mr. Goldberger completed his work in this area to receive his Master of Science degree in 1985. The results of this research have been published in the Journal of Analytical Toxicology, Vol.10, Sept/Oct 1986 and the Journal of Forensic Science, Vol.31, Jan 1986.

1984 Daniel S. Isenschmid University of Maryland
Baltimore, Maryland

Research Proposal: An Improved, Simplified Assay for Delt-9-Tetrahydrocannabinol and its Hydroxy and Carboxy Metabolites in Post-Mortem Specimens. Mr. Isenschmid completed his work in this area to receive his Master of Science degree in 1986. His research was subsequently published in the Journal of Analytical Toxicology, Vol.10, Sept/Oct 1986.

1985 Paul W. Hale, Jr. St. Louis University Medical Center
St. Louis, Missouri

Research Proposal: Thioridazine 5-Sulfoxide Cardiotoxicity: Calcium Channel Antagonism as a Mechanism.

1986 Bruce A. Goldberger University of Maryland
Baltimore, Maryland

Research Proposal: Bruce Goldberger received the ERA award in 1986 for his research proposal "A Post Mortem Study of the Disposition of Ethanol in Tissues and Fluids and the Role of Vitreous Humor in Post Mortem Ethanol Determinations".

Current Activities: Mr. Goldberger is currently the Assistant Toxicologist for the State of Maryland, Baltimore, MD., Office of the Chief Medical Examiner, where he supervises the Post Mortem Drug Testing Laboratory. He is currently working toward his doctoral degree under the direction of Dr. Yale Caplan, with research activities in post mortem drug testing, including morphine and other narcotic analgesics.

1986 Daniel S. Isenschmid University of Maryland
Baltimore, Maryland

Research Proposal: Interpretation of Cocaine, Benzoyllecgonine and Other Cocaine Metabolite Concentrations in Post Mortem Biological Fluids and Tissues. Mr. Isenschmid has published results of this research in the Journal of Analytical Toxicology, Vol.12, #5, Sept/Oct 1988.

1986 Donna M. Bush University of Maryland
Baltimore, Maryland

Research Proposal: The Effect of Ethyl Alcohol and Morphine on the Disposition and Metabolism of Phencyclidine (PCP) as Determined in Rat and Human Post Mortem Tissues. Donna completed her research in this area to receive her doctoral degree in 1988 under the direction of Dr. Yale Caplan. She has presented her research in this area at the 1986 American Society of Pharmacology and Experiment Therapeutics and Society of Toxicology meeting in Baltimore, Maryland, 1986.

Current Activities: After receiving her degree, Dr. Bush spent three years supervising the Forensic Toxicology Drug Testing Laboratory at Fort Meade, Maryland, and has recently accepted the position of Chief, Drug Testing Section, Division of Applied Research for the National Institute of Drug Abuse, Rockville, Maryland. She is currently in charge of the National Laboratory Certification Program.

1986 Anthony G. Costantino University of Maryland
Baltimore, Maryland

Research Proposal: A Study of Factors Affecting the Disposition of Drugs in Human Cadavers. Mr. Costantino has published results of this research on analysis of carbon monoxide in post mortem blood in the Journal of Analytical Toxicology, Vol.10, #5, Sept/Oct 1986.

1986 Peggy Kelly University of California School of Health
Berkeley, California

Research Proposal: Estimation of the Time of THC Use. Ms. Kelly finished her work in this area to complete her doctoral degree in 1988 under the direction of Dr. John Thornton. Her research has been presented at the 1988 annual meeting of the Society of Forensic Toxicologists and the 1989 meeting of the American Academy of Forensic Sciences.

Current Activities: Dr. Kelly is currently Manager of the Clinical Studies Laboratory for Syva Corporation, Palo Alto, CA. In addition to being responsible for clinical studies, she conducts research on development of optimum GC-MS procedures for confirmation of EMIT assays.

1986 Teri L. Stockham Medical College of Virginia
Richmond, Virginia

Research Proposal: An Alcohol Hemoglobin Adduct as a Marker to Identify Alcoholics and Alcohol Use. Ms. Stockham finished her work in this area to receive her doctoral degree in 1987. Her research in this area has been presented at the 1986 joint SOFT/CAT meeting and the 1987 meeting of the American Academy of Forensic Sciences.

Current Activities: Dr. Stockham is currently working as a Research Scientist Level I for the Toxicology Section of the Office of the Chief Medical Examiner, New York City, New York.

+++++ PLEASE POST OR PASS ON +++++
+ THE ENCLOSED SHEET WHICH DESCRIBES THE +
+ S.O.F.T. EDUCATIONAL RESEARCH AWARDS +
+ AND THE APPLICATION PROCESS +
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1987 P. Tareyl Barton Mercer University Southern
School of Pharmacy
Atlanta, Georgia

Research Proposal: A Novel in-Depth Analysis of
DUI-Drugs Suspects. Ms. Barton conducted this research
study with Dr. Everett Solomon and Dr. John Holbrook.
The results of this study were subsequently presented in
a DUI Symposium at the 1988 Society of Forensic
Toxicologists meeting by Dr's Solomon and Holbrook.

1987 Joseph P. Boni Medical College of Virginia
Richmond, Virginia

Research Proposal: Kinetics of Cocaine Free Base
Inhalation

1987 Robert L. Fitzgerald Medical College of Virginia
Richmond, Virginia

Research Proposal: Investigation of the Stereochemical
Aspects of the Metabolism of MDMA. Mr. Fitzgerald
finished his work in this area to receive his doctoral
degree in 1989 under the direction of Dr. Robert Blanke.
Dr. Fitzgerald has published his research on the
resolution of methamphetamine stereoisomers in the
Journal of Analytical Toxicology, Vol.12, #5, Sept/Oct
1988.

Current Activities: Dr. Fitzgerald is currently working
as a Forensic Toxicologist performing post mortem
toxicology analyses for the State of Virginia Regional
Laboratory. His current areas of interest are
stereochemical metabolism and pharmacokinetics of
designer amphetamines.

1988 Daniel S. Isenschmid University of Maryland
Baltimore, Maryland

Research Proposal: Interpretation of Cocaine,
Benzoylecgonine and Ecgonine Methyl Ester Concentrations
in Post Mortem Biological Fluids and Tissues. Mr.
Isenschmid has published the results of this
comprehensive study of cocaine and its metabolites in
the Journal of Analytical Toxicology, Vol.13, #5,
Sept/Oct 1989.

Current Activities: Mr. Isenschmid is completing his work in the area of cocaine and metabolites to finish his doctoral degree in the fall of 1990 under the direction of Dr. Yale Caplan. Dan is currently working as a Certifying Scientist for the National Center of Forensic Sciences at Maryland Medical in Baltimore, Maryland.

1988 Anthony G. Costantino University of Maryland
Baltimore, Maryland

Research Proposal: A Study of Factors Affecting the Disposition of Drugs in Human Cadavers. Mr. Costantino is completing his research to finish his doctoral degree in the summer of 1990 under the direction of Dr. Yale Caplan.

1988 Vickie W. Watts University of Maryland
Baltimore, Maryland

Research Proposal: Evaluation of Analytical Methods for Fentanyl, the Fentanyl Derivatives, and Their Normetabolites. Mrs. Watts completed her research in this area to receive her Master of Science degree in 1989 under the direction of Dr. Yale Caplan. Results of her research have been published in the Journal of Analytical Toxicology, Vol.12, #5, Sept/Oct 1988 and in Advances in Analytical Toxicology, Vol.II, Chapter 9, editor Randall Baselt, 1989.

Current Activities: Mrs. Watts is currently Senior Toxicologist for the Mesa Police Department Crime Laboratory. Her current research activities are in the area of drug impairment and driving.

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NEXT ISSUE OF TOXTALK -- CHIP WALLS IS SOLICITING INTERESTING CASE REPORTS.

YOU MAY SUBMIT A SHORT (PREFERRABLE LIMIT, ONE-HALF PAGE; FULL PAGE MAXIMUM) TO CHIP WALLS. IF INTERESTED, PLEASE CALL HIM AT 315-435-3802 FOR FURTHER INSTRUCTIONS.

DEADLINE - AUGUST 1st

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J.A.T. MANUSCRIPTS COMING IN!

Vina Spiehler reports that seventeen manuscripts have been received and sent to reviewers for the SOFT 20th Anniversary Special Issue of the Journal of Analytical Toxicology. Manuscripts will be returned to the authors for revisions in May. At this date, several papers have been reviewed and tentatively accepted for this SOFT Special Issue (Sept/Oct), including:

"Evaluation of the Coat-A-Count I-125 Fentanyl Radioimmunoassay: Comparison of I-125 RIA and GC-MS-SIM for Quantification of Fentanyl in Case Urine Specimens," V. W. Watts and Y.H. Caplan.

"Whole Blood Quality Assurance Control Samples for Forensic Toxicology," M.D. Osselton, et al.

"Carisoprodol Concentrations from Different Anatomical Sites -- Three Overdose Cases," R.C. Backer, et al.

"Detection of d,l-Amphetamine, d,l-Methamphetamine and Illicit Amphetamine Analogues Using Diagnostic Products Corporation Amphetamine and Methamphetamine Radioimmunoassays," J.T. Cody.

"Determination of Chlorinated Hydrocarbon Pesticides by Solid Phase Extraction and Capillary GC with Electron Capture Detection," J.J. Saady and A. Poklis.

"Post-Mortem Tissue Methamphetamine Concentrations Following Selegiline Administration," J.E. Meeker and P.C. Reynolds.

REMEMBER THESE IMPORTANT DATES

June 01	Revised manuscripts to Vina Spiehler
August 06	Galley proofs to authors
August 15	Corrected galleys to JAT
September 07	Publication

Direct all inquiries to:
Vina Spiehler
SOFT-JAT Special Issue Editor
Diagnostic Products Corporation
5700 West 96th Street
Los Angeles, CA 90045
Telephone: 1-800-678-6699
FAX: 213-642-0192

IF YOU HAVE NOT YET SENT YOUR
ROSTER UPDATE FORM TO SECRETARY
AL POKLIS, BE SURE TO DO SO
TODAY!



..... MISSING MEMBERS!!

Remember, TOXTALK is usually mailed bulk rate which is NOT forwarded.

Please let us know if you are going to move so that the Secretary can make necessary label corrections.

THE JOURNAL CLUB

Submitted by: H. Chip Walls, Forensic Sciences, 1826 Cedar Crest Road, Birmingham, AL 35214

It is the intent of this on-going feature to call attention to unusual or highly interesting articles, not a systematic review of selected journals such as available through other recognized sources. Citations 1-50 appeared in earlier issues of ToxTalk. You are encouraged to send contributions for this column to ToxTalk. Be sure to include proper citation or source address/telephone number.

BOOK REVIEW TIME!

(51) DESIGNER DRUGS by M.M. Kirsch, a \$7.95 paperback with many accounts by drug abusers, toxicologists and chemists.

(52) CLINICAL PHARMACOKINETICS - CONCEPTS AND APPLICATIONS. 2nd Edition. Ed. Rowland and Tozer. \$40, very good coverage of a complex topic using drugs of abuse/misuse as examples.

(53) DRUG INTERACTIONS AND SIDE EFFECTS INDEX - THE PDR. Alphabetical listing of the side effects, keyed to the PDR, \$25.

(54) HIGH RESOLUTION CHROMATOGRAPHY, 3rd Edition, Ed. Hyver and Sandra. Has a new and updated chapter on injectors and injection techniques that is a must for Cap Col users. \$35 or contact Hewlett Packard to request a free copy.

(55) FORENSIC SCIENCE PROGRESS, VOLUME 3. The chapter by R.N. Smith on "Radioimmunoassay of Drugs in Body Fluids in a Forensic Context" is a great source of information for the novice and experienced user.

(56) AMERICAN HOSPITAL FORMULARY SERVICE 1989 can be ordered from the American Society of Hospital Pharmacists, Inc., 4630 Montgomery Ave, Bathed, MD 20814 for \$65. This is a cross between Goodman & Gillman, the PDR, and Remington's.

(57) BIOLOGICAL MONITORING OF TOXIC METALS, Ed. Clarkson, Friberg, Nordbert and Sager (Plenum Press). Proceedings of a conference on the scientific and practical basis of biological monitoring of metals held in 1986.

(58) TEXTBOOK OF CRITICAL CARE, 2nd Ed., The Society of Critical Care Medicine. The chapter on "Optimization of Drug Doses in Critically Ill Patients" is excellent as well as the one on "Sleep, Pain and Sedation."

(59) THE PHARMACOLOGICAL APPROACH TO THE CRITICALLY ILL PATIENT, 2nd Edition, Ed. Chernow, 1988 (William and Wilkins). As with the above-mentioned book, this one has several chapters to provoke thought on the alterations taking place in normal physiology and what must be done to avoid drastic mistakes (i.e., IV bolus Lidocaine in CPR attempts.)

PRESIDENT'S MESSAGE (continued from page 1)

An invitation is extended to anyone else who is interested and wishes to attend the conference.

Our 20th anniversary meeting is scheduled for Long Island, New York, September 12-15, 1990. The committee, chaired by Mike McGee, is making good progress with the plans. Look for further details from them. Plan to attend this meeting for excellent scientific exchange and to join in celebrating this special meeting.

CAREER OPPORTUNITIES

The Drug Testing Section of the Division of Applied Research (NIDA), which develops the scientific database for policy and programs through grant and contract services, is seeking a Staff Fellow for a position Rockville, MD. Applicants with a doctoral degree in the physical sciences and appropriate experience in related areas are preferred, although masters-level candidates are eligible. Preferred experiences include immunoassay, GC/MS, and chain-of-custody procedures. Salary range is \$24,000-77,000 with full government benefits for this initial 1-2 year appointment, extendable to 7, with potential for conversion to career civil service. Start date is flexible, summer 1990 preferred. Applications from minority and female candidates are encouraged by this equal opportunity employer. For information, contact: Ms. Donna Tolson, NIDA, Room 10-A-03, 5600 Fishers Lane, Rockville, MD 20857 (telephone: 301-443-4577)

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"LOOKING BACK" - Answers from Page 2: Len Bednarczyk, Wilmington, DE; Mort Burke, Westchester, NY; Leo DalCortivo, Nassau County, NY; Kurt Dubowski, Oklahoma City, OK; Abe Frireich, Nassau County, NY; Elmer Gordon, Rochester, NY; June Jones, Atlanta, GA; Tom Manning, Nassau County, NY; Mort Mason, Dallas, TX; Walter Matusiak, Nassau County, NY; Joe Monforte, Cleveland, OH; Thomas Rejent, Buffalo, NY; Paul Schweda, Baltimore, MD

PROFESSIONAL CALENDAR

CALIFORNIA ASSOCIATION OF TOXICOLOGISTS 1990 quarterly meetings and workshops: Aug. 3 Steroids Workshop and Aug. 4 meeting - Sacramento, CA; For further information contact Thomas Sneath, National Toxicology Labs, 3101 16th St., #107, Bakersfield, CA 93301; (805) 322-4250. Nov 2-3 meeting in Yosemite Valley (Curry Village) will begin at noon Friday and end with a Pharmacognosy Nature Walk on Saturday afternoon. For further information contact Susan Knight, ToxiLab, Inc., 2 Goodyear, Irvine, CA 92718 (1-800-854-0277)

SIXTH INTERNATIONAL CONFERENCE ON PHENOTHIAZINES AND STRUCTURALLY RELATED PSYCHOTROPIC COMPOUNDS: Sept. 11-14, Pasadena Hilton, CA. Abstract deadline May 31. Contact Dr. Hendrik Keyzer, Chemistry Dept., Calif. State Univ. - L.A., 5151 State University Drive, Los Angeles, CA 90032 (tel. 213-343-2391)

S.O.F.T. 20th ANNUAL MEETING: September 11-15, 1990, Long Island, NY For information contact: Michael P. McGee, 1990 SOFT Meeting Committee Chairman, Office of the Chief Medical Examiner, 520 First Avenue, New York, NY 10016. Telephone 212-340-0120

CANADIAN SOCIETY OF FORENSIC SCIENCE: Oct. 1-5, 1990, Ottawa. 1990 Annual Conference theme is "Forensics 90." Deadline for scientific papers is June 1st. For further information on scientific sessions and workshops, contact: C.S.F.S., Suite 215 - 2660 Southvale Crescent, Ottawa, Ontario, Canada K1B 4W5 (requires 30 cents U.S. postage). Telephone 613-731-2096.

S.O.F.T. 1991 ANNUAL MEETING: Sept. 21-29, 1991, Montreal, Canada at the Grand Hotel (approx. \$120 Canadian/room/night). Joint meeting with the Canadian Society of Forensic Sciences. SOFT liaison - D. William Robinson, B.Sc.Ph.M. Future SOFT meeting sites: 1992 - Connecticut (N. Reading); 1993 - Joint meeting with CAT, Phoenix (V. Watts); 1994 - Atlanta, GA (H. McCurdy)

M E M O R A N D U M

DATE: June 12, 1990
TO: Editors Monforte and Caplan
FROM: Patricia Mohn-Monforte, ToxTalk, Publications Editor
RE: MARCH 1990 TOXTALK - PRODUCTION REPORT

321 issues of the JUNE, 1990 issue of TOXTALK were distributed 5/30/90.

MEMBERS: 303 U.S. bulk (@ \$.167 each)
15 Canada
3 Bermuda, Swiss, Netherlands

321 Total

EXPENSES:

\$ 11.85 first class postage (non-U.S.)
20.00 computer fee (eliminates typesetting)
230.34 printing (to be paid directly to printer)
13.30 misc.
30.00 outside services (collating, stuffing, sort by zip code)
286.20 publication editor fees

\$591.69 TOTAL COST (does not include pre-purchased bulk postage or envelopes)

COMMENTS:

The mail labels continue to pose a problem. Time was spent adding names from Mark Lewis, eliminating some other names, etc. Since the labels were in alpha order, the mail had to be sorted by zip code to facilitate bulk mail requirements. The possibility of maintaining an address data base in the administrative office is being considered.

This was a 12-page issue featuring the history and recipients of the E.R.A. Vicki Watts coordinated and wrote the 7 pages devoted to this topic. An E.R.A. flyer was included with the issue.

SEPTEMBER:

Chip Walls is soliciting interesting case reports which will be featured along with an extended version of Chip's "Journal Club." Please send interesting case reports to Chip by August 1st.

I will contact Mike McGee to determine if the 1990 Meeting Committee wants to send any meeting information with/in the September ToxTalk. Every attempt will be made to coordinate our mailing to the advantage of the meeting.

c: B. Bost, M. Lewis

