



TOXTALK

Publication of the Society of Forensic Toxicologists

JUNE 1986

VOLUME 10, No 2

PRESIDENT

Rosemary L. Kincaid, PhD
298 North Burritt Street
Buffalo, Wyoming 82834
(307) 684-7053

VICE PRESIDENT

H. Horton McCurdy, PhD
Office of the Chief Medical Examiner
1050 N.W. 19th Street
Miami, FL 33136
(305) 549-7342

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(914) 347-6213

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(212) 340-0120

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TOXTALK EDITORS

Yale H. Caplan, PhD
Office of the Chief Medical Examiner
111 Penn Street
Baltimore, Maryland 21201
(301) 659-3299
and
Marina Stajic, PhD
Office of the Chief Medical Examiner
520 First Avenue
New York, New York 10016
(212) 340-0123

**SOFT/CAT TO MEET IN RENO/LAKE TAHOE
MGM GRAND HOTEL
OCT. 29 - NOV. 1, 1986**

Norm Wade expects all who attend the upcoming SOFT/CAT meeting to be pleased with the quality of the workshop and scientific program, the support of the corporate sponsors, and the amenities offered by the MGM Grand Hotel. The GC/MS "Hands On" Workshop, utilizing Finnigan/MAT and Hewlett-Packard hardware, is limited to 50 participants so sign up early. The scientific sessions include invited presentations by nationally-recognized scientists addressing contemporary issues faced by forensic toxicologists.

Having a particular analytical problem? Do you have a toxicological question whose answer eludes you? Is your computer speaking a martian language? If you answer "YES!" to any of these or have an experience to share or problem area to explore,

be sure to attend the "Elmer Gordon Open Forum", so called in honor of the late toxicologist, Elmer Gordon, who had often been heard lamenting the need for an opportunity to informally discuss problems "like we did in the early meetings".

A registration form with program information is inserted in this issue of ToxTalk for your convenience. Early registration helps the member-volunteers plan a better meeting and enables you to participate in activities of special interest.

For further information, see insert or contact:

Norman A. Wade
Chief Toxicologist
California Dept. of Justice
Bureau of Forensic Services
Sacramento, CA 94203-3370
(916) 739-5128

**JAT SPECIAL ISSUE FEATURES
SOFT CONTRIBUTIONS**

The SOFT special issue of the journal of Analytical Toxicology is now in press. Co-editors Yale Caplan and Marina Stajic plan to distribute copies at the October SOFT/CAT meeting in Nevada.

Deadline For Next Issue of TOX TALK — August 23, 1986

PRESIDENT'S MESSAGE

Rosemary L. Kincaid, PhD

By now you have all received information on the SOFT/CAT meeting this fall. Meeting host Norm Wade has put together a program including issues imperative to the contemporary forensic toxicologist. I look forward to seeing many SOFT members taking advantage of this exciting professional opportunity.

Vice President Horton McCurdy reports on the committee activities elsewhere in this issue. The hard work of committee members is evident by the

progress noted in his report.

Please note there will be no teleconference during the first week of July since a large number of members involved will not be available at that time. A Board of Directors teleconference may be announced sometime later this summer, and those participating would be personally contacted.

See you in Reno/Lake Tahoe!

SOFT COMMITTEE NEWS

H. Horton McCurdy, PhD, SOFT Vice President

Dr. Rosemary Kincaid, President of SOFT Inc., has chosen this year several topics for committee reports that should prove to be both exciting and informative to all SOFT members. Of special interest should be the Environmental Toxicology Committees. These SOFT committees include the Natural Poisons Committee headed by Vina Spiehler. This committee hopes to organize annotated bibliographies of the pertinent literature involving plant poisons. Dr. Theodore Siek will chair the Pesticides Committee. This committee's goals will be to collect human analytical data similar to the Human Toxicology Registry. The Noxious Chemical Exposure Committee, chaired by Dr. Frederic Rieders, will seek to collect analytical data on noxious substances found indoors which can be detected by routine postmortem toxicological analysis. These special committees will report on their results and findings at the Reno meeting. These reports should prove to be most rewarding.

Dr. Everett Solomons will serve as the committee chairman for the Driving-Under-the-Influence of Drugs (DUID) Committee. The announced projects will involve analytical methods and quality assurance. The interpretation of results, i.e. the adverse effects of drugs on driving ability, continues to be a hotly debated issue among some toxicologists and is also a matter of continuing investigation by this committee in great detail. The results of one study by this committee involving the effects of certain drugs on driving ability should be forthcoming.

Dr. Richard Phillips reports from the Grants and Endowments Committee that the \$10 yearly dues assessment will begin this year. This tax deductible "gift" to the Education Research Award (ERA) will help to build a sufficiently large financial base through which the ERA can hopefully be supported on an ongoing basis. Also this year, Dr. Yale Caplan's ERA Committee with approval

by the board of directors awarded five ERA awards to students studying forensic toxicology in the amounts of \$500 each.

Dr. Nancy Chen is busy collecting toxicology reports from various agencies around the country for her committee on Toxicology Reporting. The results of this survey will be reported on at the Fall meeting in Reno.

The Evaluated Methods Committee is headed once again by Dr. Robert Bost. This committee has selected a method for evaluation and if fruitions come to bear, an evaluated method for ethylene glycol and evaluation guidelines should be forthcoming.

Several new members have been added to the membership roster according to Dr. Nick Hodnett, chairman of the Membership Committee and so far none have been dropped. The total membership in SOFT now stands at some 230 strong.

Other SOFT committees are reporting significant progress also. The JAT Special Issue co-chaired by Dr. Marina Stajic and Dr. Yale Caplan is coming along nicely with the submission of a number of papers for consideration for publication. Dr. Mike Schaffer is chairing the Right-to-Know Committee whose function is to provide information concerning various State's right-to-know laws. Mr. Mark Lewis's Meeting Site Committee reports commitments through 1988 with 1989 and 1990 still open. The Budget and Finance Committee and the Audit Committee are considering the possibilities of having a CPA conduct an audit of SOFT financial records.

This brings us up-to-date concerning the current activities of the committees of SOFT. Most members have served on SOFT committees because they have expressed an interest in doing so. Therefore, if you, as a member of SOFT, have an interest in serving on a committee of SOFT, we would enjoy hearing from you.

Nominating Committee Announces 1987 Slate

Nominating Committee Chairman Richard Prouty and members Dr. Robert Blanke and Dr. Jeanne Beno submit the following slate of candidates for 1987 elected offices.

President - H. Horton McCurdy, PhD.,
Director of Laboratories, Office of the Medical Examiner, Miami, FL

Currently vice-president and a charter member of the Society, Dr. McCurdy has previously served 2 years as secretary, 3 years as a member of the board of directors, 3 years as chairman of the Membership Committee, and twice as editor of the Membership Directory.

Vice-president - Alphonse Poklis, PhD.
Director of Forensic and Environmental Laboratory, St. Louis University School of Medicine, St. Louis, MO

Dr. Poklis is currently serving his third year as a member of the Board of Directors. His experience as a SOFT member includes program chairman and meeting host of the 1984 annual SOFT meeting, membership on the Site Selection Committee for 2 years and the current Education Committee (4 years).

Secretary - This is a 2-year office which will not be vacant until 1988.

Treasurer - James C. Valentour, PhD.
Forensic Toxicologist with the Bureau of Forensic Sciences, Richmond, VA.

Dr. Valentour is a charter member who has served on the board of directors for 3 years, 4 years on the Education Committee (current member), 4 years on the Publication Committee, a current member of the Budget and Finance Committee, and chairman of the ad hoc Audit Committee for the past 2 years.

Directors (2) - 3 year terms:

William H. Anderson, PhD.,
Deputy Chief Forensic Toxicologist, Office of the Chief Medical Examiner, Oklahoma City, OK

Dr. Anderson was co-director of the 1983 Capillary GC Workshop, a member of the 1984 Nominating Committee, and editor of the 1985 JAT Special Issue, and is on the Membership Committee.

Richard N. Phillips, PhD.,
Toxicologist, Miles Laboratories, Inc., Elkhart, IN

Dr. Phillips is chairman of the Grants and Endowments Committee (3 years), a member of the Right-to-Know Committee, and a charter member of SOFT

Note: If the membership elects Dr. Poklis as vice-president, his position as a member of the Board of Directors will be vacant. The Nominating Committee submits the name of Dr. Jeanne Beno to complete the remaining 1 year membership on the Board of Directors.

IN MEMORIAM — DR. MILTON BASTOS

By Irving Sunshine, PhD

An unexpected phone call at about six one evening was my introduction to Milton Bastos. As I was preparing to go to the International Association of Forensic Scientists' banquet in Toronto in June, 1973. This call came as a real surprise. It marked the culmination of Milton's escape from Brazil via a circuitous route — after stealing across the Uruguayan border and into Argentina, he got to Buenos Aires, flew up the coast of South America avoiding Rio en route, to finally reach Toronto almost penniless. Because of a change in regime, his Guggenheim Fellowship and his sabbatical leave had been suddenly withdrawn just before he was to depart for a period of study at the Cuyahoga County Coroner's Office in Cleveland, Ohio. He came, nonetheless, determined to seek the educational opportunities he felt were essential to his professional growth. He proved to be an apt and

diligent co-worker, absorbing new material like a wet sponge. Fortunately, a small research grant was obtained to ensure his sustenance as he continued to contribute. His excellent article on identification of Organic Bases by TLC brought requests for over 1,000 reprints! Recognition of his potential brought Dr. Bastos an invitation to join the New York State Drug Analysis Program. While working with Dr. Salvatore Mulé and other associates, he developed a host of innovative techniques for the effective analysis of large numbers of specimens. He shared these methods through his many publications. The next challenge Milton met was as Director of Toxicology in the New York City Chief Medical Examiner's Office. There he tried to reorganize and modernize the Toxicology Laboratory, with moderate success. Discouraged and homesick after

years of service in New York, he decided to return to Rio de Janeiro. There he was reinstated, and he resumed his professional duties. Unfortunately, he was not destined to enjoy this privilege for long. A sudden fulminating heart attack carried him away on 28 July 1985.

Everyone who knew Milton suffered from his demise. He was a true gentleman in the literal sense of that word. His courtly manner and his love for all his fellow beings was readily apparent at every encounter. Whenever he made his feelings known, they were always kindly disposed. In addition to all these attributes, Milton was a loving husband, a supportive father and a devoted friend. We were fortunate to have him with us, and he is gone only from this world. His work and his friendship will be with us and others for many a year.

SOFT WELCOMES NEW MEMBERS

FULL MEMBERSHIP

Roy E. Altman, Ph.D.
Daniel J. Brown, Ph.D.
Miftah Kemal, M.S.
Anthony Maiello, B.S.
Moonyoung C. Park, M.S.

ASSOCIATE MEMBERSHIP

Judy L. Bell, Ph.D.
Scott E. Hardy, B.S.
Elizabeth K. Marker, Ph.D.
Robert D. Williams, Ph.D.

STUDENT MEMBERSHIP

Donna M. Bush, M.S.
Anthony G. Constantino, M.S.

**SOFT BOARD OF DIRECTORS
TO MEET OCTOBER 30th
12:30 - 1:45 in "Director's Room"**

MEMBERSHIP DIRECTORY UPDATE

Secretary Hodnett suggests printing an insert in a future ToxTalk listing additions to and changes in the 1985 Membership Directory. If you wish to be included in the update, please send the appropriate information to Dr. Hodnett (address on page 1) before December 1, 1986.

MEMBERS ON THE MOVE

Bateh, Ricky P., PhD
Consolidated Laboratory Services
2549 Park Street
Jacksonville, Florida 32204

Margot, Prof. Pierre A., PhD
Institut de Police Scientifique
et de criminologie
Universit'e de Lausanne
Place du Chatreau 3
1005 Lausanne
Switzerland
021-44-4281

Long, Christopher W., PhD
Bureau of Forensic Sciences
215 West Laurence
Springfield, Illinois 62704
(217) 782-7430

Rohrig, Timothy P., PhD
Kansas Bureau of Investigation
Toxicology Laboratory
1620 S.W. Tyler
Topeka, Kansas 66612
(913) 232-6000

Isenschmid, Daniel S., B.S.
Office of the Chief Medical Examiner
Dept. of Toxicology
111 Penn Street
Baltimore, Maryland 21201
(301) 659-3240

Pirl, Joerg N., PhD
Alabama Dept. of Forensic Sciences
Birmingham Division
1001 S. 13th Street
Birmingham, Alabama 35205
(205) 933-6621

Caplan, Yale, PhD
has a new telephone number:
(301) 659-3299

McCurdy, H. Horton, PhD
Office of the Medical Examiner
1050 N.W. 19th Street
Miami, FL 33136
(305) 549-7342

McGee, Michael P., B.S.
Office of the Chief Medical Examiner
520 First Avenue
New York, New York 10016
(212) 340-0120

Stajic, Marina, PhD
Office of the Chief Medical Examiner
520 First Avenue
New York, New York 10016
(212) 340-0123

JOB OPPORTUNITIES

State of Maryland, Office of the Chief Medical Examiner, is seeking an assistant toxicologist, M.S. or Ph.D.. Salary is \$32,000 annually plus benefits. For further information contact:

Yale Caplan, Ph.D.
Office of the Medical Examiner
111 Penn Street
Baltimore, Maryland 21201
Telephone: (301) 659-3299

The Navy Drug Screening Laboratory has openings for B.S., M.S., Ph.D. in toxicology, chemistry and biochemistry to work in new Jacksonville facility with modern instrumentation and maintain custodial procedures of evidence, analyze human fluids and interpret results. Salary range is \$16,000 - \$26,400 dependent on education and work experience. For details contact:

CDR John F. Jemmioneck
Navy Drug Screening Laboratory
Naval Air Station
Jacksonville, Florida 32214-5240
and request government form 171.

AAFS AWARDS COMMITTEE ACCEPTING 1987 NOMINATIONS

A member or fellow of the Toxicology Section of AAFS may nominate another member or fellow for the 1987 "Alexander O. Gettler Award for Outstanding Contributions to Analytical Toxicology" and the "Rolla N. Harger Award for Outstanding Contributions to the Field of Forensic Toxicology" by submitting a letter of nomination and statement of the nominee's credentials (c.v. is acceptable).

An AAFS Toxicology Section member or fellow may also submit the name of a qualified graduate student or postdoc-

toral fellow who is actively engaged in a training program in forensic toxicology as a candidate for the recently established "Sunshine Award". A manuscript describing the nominee's original research in the field is required.

All inquiries and nominations for these awards should be sent BEFORE SEPTEMBER 1, 1986 to:

Rosemary L. Kincaid, Ph.D.
298 North Burritt Street
Buffalo, Wyoming 82834
(307) 684-7053

SOFT ESTABLISHES ARCHIVES

A depository for documentation of SOFT activities or items of historical interest is currently being established. Past officers, particularly secretaries, are requested to submit official minutes of all business and board of directors' meetings, committee reports, etc. We are also looking for copies of official SOFT stationery for each year, programs from SOFT meetings, information on SOFT-sponsored workshops and photographs. Please submit materials to:

SOFT ARCHIVES
c/o Patricia Mohn-Monforte
1013 Three Mile
Grosse Pointe Park, MI 48230-1412

**SEND IN YOUR SOFT/CAT
MEETING REGISTRATION
SOON PRE-REGISTRATION
IS IMPORTANT!**

**SOFT BUSINESS MEETING
Saturday, 11/01, 8:30 - 10:00 am**

PROFESSIONAL CALENDAR

Sept. 7-12, 1986: AMERICAN CHEMICAL SOCIETY national meeting, Anaheim, CA, including 9/09 sessions "The Forensic Scientist as an Expert Witness" and "Clandestine Drug Laboratories: a New Cottage Industry?". Contact Barbara Hodson, ACS, 1155 Sixteenth Street, N.W., Washington, D.C. 20036. Telephone: (202) 872-4600.

Sept. 15-16, 1986: TRANSPLANTATION: IMMUNOLOGY, TOXICOLOGY AND CYCLOSPORINE THERAPY SYMPOSIUM, Newport Beach, CA, sponsored by the Southern California Section of AACC and the National AACC Division of TDM and Clinical Toxicology. Contact Martha Harkey (818) 989-2520 ext. 2392 or Mirta Galmarini (714) 661-8000 ext. 361.

Oct. 29 - Nov. 1, 1986: SOCIETY OF FORENSIC TOXICOLOGISTS — CALIFORNIA ASSOCIATION OF TOXICOLOGISTS joint meeting, Reno-Lake Tahoe, NV. Contact Norman A. Wade, Chief Toxicologist, California Department of Justice, Bureau of Forensic Services, Sacramento, CA 94203-3370. Telephone: (916) 739-5128.

Feb. 17-21, 1987: AMERICAN ACADEMY OF FORENSIC SCIENCES annual meeting, Town and Country Hotel, San Diego, CA. Contact AAFS, 225 S. Academy Blvd., Colorado Springs, CO 80910. Telephone: (303) 596-6006.

July 28-31, 1987: INTERNATIONAL ASSOCIATION OF FORENSIC TOXICOLOGISTS, Banff, Alberta. Contact Graham Jones, Ph.D., TIAFT '87, 4070 Bowness Road, N.W., Calgary, Alberta, Canada T3B 3R7

Aug. 2-7, 1987: INTERNATIONAL ASSOCIATION OF FORENSIC SCIENCES 11th Meeting, Vancouver. Contact AIFS, Suite 801, 750 Jervis Street, Vancouver, B.C., Canada V6E 2A9

Sept. 29 - Oct. 2, 1987 (tentative dates): SOFT National Meeting, Key Biscayne, FL. Contact Leonard Bednardczyk, Ph.D., 834 Northwest 23rd Street, Room 203, Miami, FL 33127. Telephone: (305) 638-5765.

1988: SOFT Annual Meeting, Philadelphia.

Note: Please submit announcements, reports, and all other materials for TOX TALK to:

Patricia Mohn-Monforte
TOX TALK Publication Editor
1013 Three Mile Drive
Grosse Pointe Park, MI 48230-1412

OCTOBER 29, 1986 GC/MS HANDS-ON WORKSHOP

Hardware from: Finnigan/MAT
Hewlett-Packard

Speakers from: Finnigan/MAT
(8:30 AM-12:00 noon) Hewlett-Packard
Dr. Roger Foltz, Center for Human Toxicology
Dwight Reed, Sheriff-Coroner's Office
Orange County, California
Dr. Dean Fetterolf, FBI Research Center

Hands-on Workshop 1:00 PM - 5:00 PM

OCTOBER 30, 1986 -- NOVEMBER 1, 1986 PRELIMINARY PROGRAM

1. Low Levels of Blood Alcohol Impairment
Dr. Herbert Moskovitz; Univ. of Calif. Los Angeles
2. Designer Drugs - Fentanyl
Dr. Gary Henderson; Univ. of Calif. Davis
3. Designer Drugs - MDMA and Others
Dr. Alexander Shulgin; Consultant
4. Psychopharmacology of Cocaine and It's Detection in Human Hair
Dr. Ron Siegel; Univ. of Calif. Los Angeles
5. New Trends in Capillary Chromatography
Dr. Walter Jennings; J & W Scientific
6. MS/MS In Toxicology
Dr. Dean Fetterolf; FBI Research Center
7. Scope of the Chemically Impaired Driver
Judge Kimberly C. Frankel; Portland, Oregon
8. Quality Control in Toxicology
Dr. Cliff Waldberg; Univ. of Southern California
9. SOFT Environmental Toxicology Committee Report
Natural Toxins - Dr. Vina Spiehler; Sheriff-Coroners Office
Orange County, California
Noxious Chemicals - Dr. Fred Rieders; National Medical Services
Pesticides - Dr. Ted Siek; Analytic Bio-Chemistries
10. SOFT Right to Know Committee Report
Dr. Michael Schaffer; Cook County Medical Examiner's Office
Chicago, Illinois

11. SOFT Toxicology Reporting Committee Report
Dr. Nancy Chen; Cook County Medical Examiner's Office
Chicago, Illinois
12. CAT Forensic Analysis Guidelines Committee Report
Paul Sedgwick; Sheriff-Coroner's Office
Orange County, California
13. Blood, Breath and Urine Alcohol Correlation, Interpretation
and Application to Chemical Test Programs
A. A. Biasotti; California Department of Justice
14. A Method for a High Volume Forensic Drug Testing Laboratory
Confirmation and Quantitation of a Cocaine Metabolite
(Benzoylcegonine) in Urine.
LTC John S. Jewell, Ph.D.; Forensic Toxicology Drug Testing
Laboratory (WRAMC)
Fort Meade, Maryland
15. Evaluation of EMIT and RIA High Volume Test Procedures for THC
Metabolites in Urine Utilizing GC/MS Confirmation.
CPT Marsha L. Abercrombie, M.S.; Forensic Toxicology Drug
Testing Laboratory (WRAMC)
Fort Meade, Maryland
16. Patterns of Drug Abuse in the USA
Dick Frank; Drug Enforcement Administration Laboratory,
Washington, D.C.
17. Round Table Discussions
 1. Impairment Versus Alcohol Concentrations
 2. Immunoassay Techniques
 3. Epidemiology of Drugs/Alcohol
 4. Legal Issues Involving Drugs Other Than Alcohol
 5. Cannabinoid Controversies
 6. What Constitutes a Positive Finding
 7. Roadside Testing Techniques
18. Elmer Gordon - Open Forum
Phil Reynolds; IFS Toxicology Laboratory,
Oakland, California

SOFT/CAT JOINT MEETING
 October 29 - November 1, 1986
 MGM Grand Hotel
 Reno, Nevada Airport
 Beautiful Reno/Lake Tahoe Area

<u>Registration Fee</u>	<u>Amount</u>	<u>Enclosed</u>
Members	\$35.00	_____
Non-Members	\$45.00	_____
Students (Banquet-Friday)	\$25.00	_____
Students (No Banquet)	\$10.00	_____
Guests (Banquet-Friday)	\$25.00	_____
Late fee for Registrations After October 1, 1986	\$15.00	_____
Workshop (Wednesday) Gas chromatography/Mass Spectrometry Limited to 50 people	\$35.00	_____
TOTAL AMOUNT		_____

Registration includes Banquet (Friday), Wine and Cheese Receptions & Hospitality Meetings

Please make checks or money orders payable to CAT/(California Association of Toxicologists) and mail with the Completed form to:

Michael A. Peat, Ph.D., Co-Director
 Chemical Toxicology Institute
 1167 Chess Drive Suite E
 P.O. Box 8209
 Foster City, CA 94404 (415) 573-6222

NAME _____
 MEMBER _____ SOFT _____ CAT _____ NON-MEMBER _____
 ADDRESS _____

ORGANIZATION _____
 TELEPHONE NUMBER _____

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