

1979

Volume III

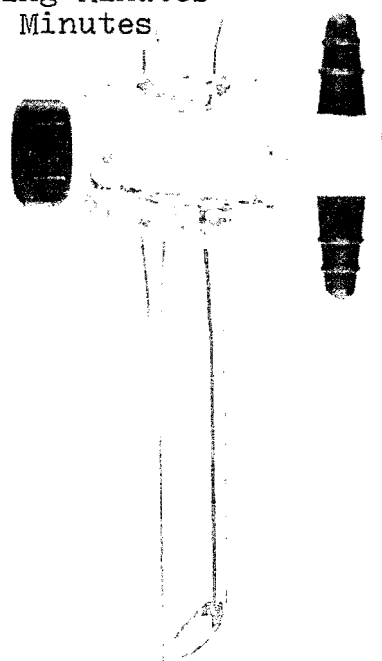
Issue No. 1

TOX TALK

This newsletter is published on a bi-monthly basis as the official communication of the Society of Forensic Toxicologists. Dues paying members are entitled to receive this publication. Those wishing to receive only the newsletter, and who do not desire membership, may subscribe for an annual rate of \$5.00. Send your check for \$5.00, payable to SOFT, Inc., to J. H. Bidanset, Ph.D., Editor, St. John's University, College of Pharmacy, Grand Central and Utopia Parkways, Jamaica, New York, 11439.

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PRESIDENTS MESSAGE

Fellow members:

This is my first opportunity to thank all of you for the honor of electing me president of the Society. It is my intention to vigorously pursue the stated purposes of the Society and to attempt to continue (with the Board of Directors and my Fellow-Officers) the high degree of professionalism so far achieved.

We can and must promulgate our interests in the areas of education, recreation, expansion and laboratory practices. With this in mind, committees and chairpersons have been selected and instructed. In accordance with the new By-laws, the present Treasurer will serve for two years, the Secretary for one, to be followed by alternate two year election of each of those officers. The executive Committee thus will always have the representation by an experienced officer.

Further changes in by-laws are probably needed and therefore solicited by the Board. The membership-at-large must continuously maintain interest and activity in the Society and your cooperation will help us accomplish our goals.

Our members are growing as are our needs. Fiscal independence is necessary and sound business practices are being introduced to achieve that independence. Payment of dues is a part of the privilege of membership and your response to request for payment must be prompt and regular. At the same time, the advantages of membership should be pointed out to your credentialed colleagues.

The message I am trying to deliver is this: 1979 should be an important year in the Society's growth and its role to establish standards for the Forensic Toxicologist. The job is yours as well as mine. Your cooperation, therefore, is needed, solicited and sincerely appreciated. Comments, whether positive or negative, are always welcome.

My personal best wishes to all of you for the New Year.

Thomas A. Rejent, DABFT
President

MESSAGE FROM THE PAST PRESIDENT

At the Niagara Falls meeting, some interest was expressed in the pesticide reference standards and methods manual published by EPA. Enclosed are photocopies of appropriate portions of these documents indicating addresses from which more information may be obtained. EPA also publishes an analytical quality control manual for pesticides.

While I was at it, I photocopied appropriate information relating to USP-NF drug reference standards. Many are already aware of this source I'm sure. As you know, the USP-NF standards are expensive. The EPA ones are free.

Also questions were raised about the National Human Monitoring Program. This program was developed to monitor on a national scale the incidence and level of exposure to pesticides experienced by the general population and to

identify changes and trends in parameters when they occur. Anyone interested can learn more by referring to Yobs, A.R.: Pesticides Monitoring Journal 5:44 (1971).

PESTICIDE ANALYTICAL REFERENCE STANDARDS

The pesticide repository of the Environmental Toxicology Division was initially established at the former Perrine, Florida, location. The repository was created primarily to provide pesticide reference standards for Pesticide Community Studies and other field laboratories under contract to the United States Government to conduct pesticide monitoring programs. It was created in the belief that a central source of analytical grade reference compounds would greatly assist in the assurance of accurate, reliable analytical data.

In addition to meeting its primary responsibility to its program laboratories, the ETD has extended this service to other nonprofit government and university laboratories on a discretionary basis as time and resources permit. Because of great demand from many sources, and limited supplies, the amount of each standard sent out is restricted to no more than 100 milligrams, and the number of standards to only those necessary for limited immediate needs. The short shelf life of many standards is one of the reasons for restricting field pesticide inventories.

Most of the high-purity analytical-standard compounds carried in the repository stock are difficult and expensive to prepare, and are therefore in short supply. The reader is referred to Section 3,B of this manual for suggested guidelines for the efficient preparation of reference standard solutions.

The repository stock is reviewed biennially and compounds for which there has been no demand or those which are no longer commercially produced are removed from the stock and replaced by pesticidal compounds more recently introduced to the marketplace. At the time of the stock overhaul a printed index entitled ANALYTICAL REFERENCE STANDARDS AND SUPPLEMENTAL DATA FOR PESTICIDES AND OTHER SELECTED ORGANIC COMPOUNDS is also updated, reflecting the stock overhaul. This booklet provides a complete list of all the compounds in stock along with some supplemental data such as chemical name structure, molecular weight, use toxicity and an innovation introduced in the 1976 issue, literature references to residue analytical methodology for each compound if any could be located.

In preparing requests for standards, the requester is asked to list by code number and common name each compound needed. This assists repository personnel in processing requests, particularly those that are lengthy.

A final note is directed to all scientists associated with university laboratories. Requests for standards must be made on stationery bearing the letterhead of the institution and must be signed by a university official such as a department head. Pesticides will not be mailed to individuals submitting requests on personal stationery.

A special word of gratitude and appreciation is extended to pesticide manufacturers for their wholehearted cooperation in providing the repository program with analytical-grade standard materials at no cost to the program.

All requests for the current catalog and for standards should be directed to:

Quality Assurance Section, Analytical Chemistry Branch
EPA, Environmental Toxicology Division (MD-69)
Health Effects Research Laboratory
Research Triangle Park, North Carolina 27711

Request: "Manual of Analytical Methods for the Analysis of Pesticide Residues in Human and Environmental Samples"

USP-NF Reference Standards

USP and NF Reference Standards are made available as required for use in official assays and tests. They are collaboratively tested and approved for such use by appropriate USP Committees and Panels.

Additional authenticated substances not currently required as USP or NF Reference Standards, are also provided under the supervision of the USP Reference Standards Committee. They fall into three groups: (1) former USP and NF Reference Standards, not required in the current USP or NF, but for which sufficient demand remains; (2) FCC Reference Standards, specified in the current edition of the Food Chemicals Codex, and (3) Authentic Substances (AS), which are highly purified samples of chemicals, including substances of abuse, that are collaboratively tested and made available as a service primarily to analytical, clinical, pharmaceutical, and research laboratories.

USP Reference Standards, NF Reference Standards, FCC Reference Standards, and Authentic Substances are available at a uniform service charge of \$30. each (Melting Point Standards ordered separately are \$10. each, but are available at \$30. for the set of six). All prices are subject to change without notice.

To order Reference Standards and Authentic Substances that are listed on the Drug Enforcement Administration (DEA) Schedules III and IV, the purchaser's DEA registration number for the appropriate schedule must be supplied with the order. To order Schedule I and II standards, the purchaser must submit a formal purchase order and DEA Form 222-C, properly completed.

Orders should be directed to:

USP-NF Reference Standards
12601 Twinbrook Parkway
Rockville, Maryland 20852
Telephone: (301) 881-0666

USP Reference Standards, NF Reference Standards, and Authentic Substances may be purchased also through export companies that service international accounts. Two such companies are:

Herbert Lando, Jr., Inc.
425 Merrick Avenue
Westbury, New York 11590 USA

American Roland Corporation
157 Chambers Street
New York, New York 10007 USA

NOTE FROM THE TREASURER

If you are not the proud possessor of a membership card either you have not paid your 1978-79 dues or your dues payment was not properly recorded. If you have paid your dues and still have not received a card, please send some

proof of payment to Joe Balkon, Long Island Jewish Hospital, P.O. Box 78,
Glen Oaks, New York 11004.

SOCIETY OF FORENSIC TOXICOLOGISTS, INC.

Annual Business Meeting

Niagara Falls, New York, October 27, 1978

The meeting was called to order at 2:15 p.m., by President Blanke after a quorum was determined to be present.

1. Presidents Report

President Blanke delivered an introductory report to the membership; salient points included:

- a. Awareness of the forthcoming 10th anniversary (1980) of the Society.
- b. Membership expansion.
- c. Problems of certification and recertification.
- d. Educational aspects of the Society.
- e. Initial comments regarding the upcoming Bylaws presentation.

2. Minutes from 1977 Annual Meeting

The minutes from last annual meeting were approved as published in the Newsletter. Motion by J. Bidanset, seconded by J. Jones, and unanimously approved by membership present.

3. Treasurers Report

The treasurers report was accepted as published in the Newsletter, motion by J. Balkon, seconded by A. MCBay and unanimously approved by the membership.

Fiscal Policy: President Blanke informed the membership that the Society's fiscal and membership year would run from July 1 to June 30. Separate dues statements would be forthcoming.

An auditing committee consisting of M. Bastos (Chairman), D. Hoffman and Leo DalCortivo was appointed.

4. Board of Directors Report (R. Blanke)

The Board of Directors held two meetings during the courses of the year 1978. Recommendations from the Board of Directors included:

- a. Support from the membership for Resolution I (attached).
- b. Indications for a new membership application form.
- c. Acceptance by the membership of the newly revised bylaws.

The Board of Directors report was accepted by the general membership as read.

5. Committee Reports

a. Nominating Committee: The nominating committee published its report in the Newsletter in accordance with the by-laws. The report was accepted as published; motion by E. Gordon, unanimously accepted by the membership.

b. Membership Committee: The report of the actions of the membership committee appeared in the Newsletter. The report was accepted as published. Motion by E. Gordon, seconded by J. Balkon, and unanimously accepted by the membership.

- c. Certification Committee: No report
- d. Bylaws Committee: The report of this committee along with complete revisions to the Bylaws of the Society was sent to the membership. The report was accepted as distributed. Motion by J. Bidanset, seconded by J. Jones, and unanimously accepted by the membership.

6. Other reports

- a. Newsletter Editor Report (J. Bidanset): The membership will realize an upgrading of the format and style of the newsletter. The participation of the membership in the substance of the newsletter was solicited.
- b. Proficiency Testing: L. Bednarczyk released tabulated information regarding initial efforts in the area of Forensic Toxicology Proficiency Testing or round robin assays. J. Bidanset proposed (motion) that the membership empower L. Bednarczyk to continue his efforts. The membership unanimously concurred. L. Bednarczyk then indicated that the membership would receive notification of future activities in this area from him.
- c. Laboratory Survey Committee: E. Gordon, Chairman, distributed a summary of their last report of 1976 responses. E. Gordon then expressed concern regarding the degree of formality recently acquired by S.O.F.T.

7. New Business

- a. Bylaws: Pursuant with the recommendations of the Board of Directors, President Blanke called for a motion for the acceptance of the revised bylaws. The motion was presented by J. Bidanset, seconded J. Speaker, and unanimously adopted by the membership.
- b. Resolution I: Upon the recommendation of the Board of Directors, S.O.F.T., President Blanke offered the membership Resolution I (attached). A motion for discussion by E. Gordon opened the floor for comments. The following represents a summary of positions taken by various persons in attendance:

N. Jain, Chairman, Toxicology Section, A.A.F.S., expressed "grave reservations" regarding the promulgation of an exclusive nominating organization to the A.B.F.T. His suggestion was that the Central National Organization of toxicologists (forensic) is the A.A.F.S. Toxicology Section. Jain was concerned with the genesis of "splinter" organizations and polarization dividing toxicologists loyalties.

N. Reading indicated that the underlying impetus for the resolution was to establish an agenda item for the next A.B.F.T. Board of Directors meeting, to initiate a mechanism for clarification of nomination and election mechanisms.

J. Bidanset corrected resolution terminology re: "Society of Forensic Toxicologists".

J. Milzoff suggested that the resolution would have multiple impact re: means of input and a demonstration that the function of the S.O.F.T. was to support the A.B.F.T.

Other relevant discussion included:

1. Due to the overall multiple affiliations of most toxicologists (S.O.F.T., C.A.T., A.A.F.S.) how would the probable multiple inputs, of a single individual belonging to all three organizations be handled.

2. What about a weighted input concept? Small organization versus large organization, and an organization composed of clinical and forensic toxicologists (like C.A.T.) versus one composed essentially of forensic toxicologists (S.O.F.T.).

3. Further discussion regarding which organization (S.O.F.T. or A.A.F.S., T.S.) truly should represent the interests of forensic toxicologists on a national scale.

L. Bednarczyk motioned for a vote for submission of the resolution to the Board of Directors, A.B.F.T., for their consideration, which was seconded by J. Jones. The motion was passed by a majority vote (voice). In closing remarks about this issue, Pres. Blanke noted that several A.B.F.T. Board of Directors members were present for the discussion, and that the salient points raised will surely be heard again at the next A.B.F.T. Board of Directors meeting.

- c. Future Meetings: Pres. Blanke announced that the Board of Directors has selected Williamsburg, Va. (Nov. 1-2), for the site for the 1979 meeting. J. Valentour, and M. McGee will serve as co-hosts. At the invitation of the Canadian Society of Forensic Sciences, the 1980 meeting will be held in Toronto in a joint venture. The 1981 meeting site was discussed. R. Blanke suggested that as the result of an expanding geographical representation in our membership, that Detroit or Chicago be considered. L. Bednarczyk offered Disney World (Orlando) as a 1982 site. J. Bidanset suggested a possible future joint meeting with the Northeast Association of Forensic Sciences.
- d. New Programs: J. Balkon inquired regarding Society knowledge of a "National Tissue Monitoring Program" and whether S.O.F.T. should be involved or supply input. J. Balkon was selected to investigate the situation.
- e. Workload Recording: J. Mizoff inquired regarding the proposed workload recording program being initiated by T. Rejent and proposed S.O.F.T. sponsorship. T. Speaker questioned the justification of establishing a cost-benefit data base, particularly in regard to analyses where the outcome is not readily predictable. R. Forney suggested that administratively, workload recording techniques have come of age, and if forensic toxicologists do not establish values for their techniques, then someone else will. Following further discussion, centering essentially about the same concept, a motion for support of the program was entered by E. Gordon, seconded by J. Bidanset; by show of hands vote, the motion passed.
- f. Annual Meeting Format: E. Gordon initiated discussion regarding the deformatization of S.O.F.T. meetings and entered a motion for the integration of informal as well as formal scientific sessions. The motion was seconded by J. Speaker and passed by voice vote.
- g. Education Proposal: The question of support for V. Lynch's proposals (attached) regarding graduate forensic toxicology education was raised by R. Blanke, affirmed by E. Gordon, and the floor opened for discussion. J. Monforte sought clarification of exactly what areas were being standardized. R. Blanke indicated that standardization of curricula was the area V. Lynch intended. A motion that, the S.O.F.T. proceed with the recommendations of V. Lynch for the establishment of guidelines for the approval, accreditation or other sanctioning of graduate educational programs in Forensic Toxicology, was entered by J. Bidanset, seconded by J. Balkon, and unanimously passed by the

membership in a voice vote.

8. Nominations and Elections

The floor was opened for further nominations for officers. The slate of officers as offered by the nominating committee was reread. It was moved and seconded that the names brought forward by the Nominating Committee be nominated. There being no further nominations from the floor, it was moved and seconded that nominations be closed. The secretary was instructed to cast a unanimous ballot and the following were elected:

President	T. Rejent
Vice President	Y. Caplan
Secretary	J. Kofoed
Treasurer	J. Balkon
Board of Directors	A. McBay

9. Closing and Adjournment

President Blanke engendered his closing comments regarding his experiences of the past year and his hope for the future. The business meeting was adjourned at 4:30 p.m.

Respectfully submitted by,
Joseph Balkon for Yale H. Caplan,
Secretary

RESOLUTION I

Whereas, the Society of Forensic Toxicologists has actively contributed to the efforts involved in the initiation and implementation of the American Board of Forensic Toxicology, and

Whereas, the Society of Forensic Toxicologists retains a vital interest in the certification and recertification processes, and

Whereas, the American Board of Forensic Toxicology has, thus far, not identified nominating organizations for the purpose of recommending nominees for Directors on said Board, therefore be it

Resolved, that the Society of Forensic Toxicologists respectfully petition the American Board of Forensic Toxicology to recognize the Society of Forensic Toxicologists as a nominating organization and clarify the mechanism by which vacant positions on the Board of Directors of the American Board of Forensic Toxicology are filled.

SOCIETY OF FORENSIC TOXICOLOGISTS, INC.

Meeting of the Board of Directors

December 8, 1978

Baltimore, Maryland

The meeting was called to order at 9:05 a.m., President R. Blanke presiding, Present were R. Blanke, T. Rejent, Y. Caplan, T. Manning, J. Balkon, J. Bidanset, and L. Bednarczyk.

S.O.F.T. MEMBERSHIP

Applications

New application forms developed by T. Rejent and R. Blanke will be used temporarily and ultimately refined and printed. Applications Forms will be

mailed to the Secretary who will record same and forward to membership committee. Secretary will acknowledge receipt of application and forward fees to the treasurer. The membership committee shall act promptly on all applications and notify secretary who shall notify applicant of his status. It was decided that all applicants be sponsored by two regular members of S.O.F.T.

Society Identification

The need for the development of a Society logo to be displayed on stationery, brochures, etc. was discussed. It was decided that a logo would be desirable. R. Blanke will make a preliminary investigation to develop a suitable design for later consideration.

The need for the development of membership cards was also discussed. J. Balkon will develop a suitable card for later consideration and distribution to all paid up members.

A brochure describing the goals and purposes of S.O.F.T. to be used for membership solicitation along with the application form was discussed. Y. Caplan will develop content. The brochure would be rubber stamped with the address of the current secretary.

Dues and Records

Annual dues will be collected on a fiscal year basis beginning July 1st. Dues for the fiscal year July 1, 1978-June 30, 1979 are now due. The new treasurer will immediately bill all unpaid members for their dues. Bills for the next fiscal year will be sent out in April of the year preceeding the fiscal year. Second notice will be sent August 1st.

It was decided that April 1 will be the cut off date for new applicants; i.e., any members approved for membership prior to April 1 will be responsible for current fiscal year's dues. Applications approved after April 1 will not be responsible for dues until the following July 1.

I was suggested that Annual Meeting Registration be at some figure other than \$20. to avoid confusion between Annual dues and Registration Fees. The meeting committee is free to set the fee for the Annual Meeting. It was suggested that dues records be available at the annual meeting and an attempt be made to collect unpaid dues.

Annual Meetings

Annual meetings registration fees were discussed. It was decided that these need not be fixed but should be set in such a manner that financial losses are not anticipated. Honoraria may be paid to non-members if necessary to attract to the meeting individuals necessary to enhance the education or professional status of the membership.

The use of vendors was discussed. It was decided that vendors should continue to be solicited to both defray meeting costs and provide information to the membership.

Future Sites:

- 1979 - Williamsburg, Virginia, November 1, 2 - 1979
- 1980 - Toronto - Joint with Canadian Forensic Society
- 1981 - Chicago was selected pending acceptance of meeting chairmanship by E. Berman. R. Blanke will contact E. Berman
- 1982 - Florida was offered by L. Bednarczyk

Committees

Nominating

A nominating committee consisting of R. Blanke (Chairman), L. Bednarczyk and M. Bastos was approved.

Membership

A membership committee consisting of J. Bidanset (Chairman), L. Bednarczyk and T. Manning was approved.

A discussion of the membership committee activities indicated that according to the new by-laws applications need not be handled on an annual basis, rather they should be processed as rapidly as is practical.

By Laws

A Bylaws committee consisting of Y. Caplan (Chairman), J. Speaker, and M. McGee was approved.

The committee will receive and review formal requests from the membership and prepare suitable presentations for action by the membership.

Education

An Education committee consisting of V. Lynch (Chairman), T. Speaker, R. Blanke, and C. Winek was approved.

The committee will develop guidelines for the approval of programs in toxicology.

Certification

This committee's previous report has been submitted to the American Board of Forensic Toxicology.

A committee consisting of J. Balkon (Chairman), J. Monforte, and R. Forney, Jr. was appointed.

The committee will continue interaction with the ABFT regarding recertification, will pursue new ideas dealing with the recertification process, will consider the financing of the certification process and will investigate the criminalists consideration of a certification in selected areas of Toxicology and specific use of the term "certified in toxicology".

SOFT Sponsored Events

A discussion was held with regard to SOFT sponsoring workshops for its members, evaluating various workshops and meeting for their value to forensic toxicology, and the possible use of such events in the recertification process.

Tox Talk

No report - Discussed at previous meeting

Future of S.O.F.T.

The question of expansion of S.O.F.T. membership was discussed. The need for a Society such as S.O.F.T. was recognized. It was felt that the Society should interact and interface with other groups representing Toxicologists. In addition, the Society should expand without advertising.

Term of New Secretary

In order to comply with the new bylaws the Board resolved to make the term of the new secretary-elect for 1 year. This will be followed by 2 year terms in alternate years with the secretary.

Other Items

1. The question of whether SOFT should offer membership to organizations, e.g., equipment and laboratory supply companies was discussed and tabled.
2. A request by N. Jain, Chairman, Toxicology Section, A.A.F.S. for copies of SOFT transactions was denied on the basis that final policies decided upon by the membership would be made available to other groups; however, official minutes and other documents are the property of SOFT.
3. A laboratory practices committee was discussed but any action was deferred.
4. The board authorized the expenditure of expenses for members attending this meeting.
5. The establishment of Tax Exempt Status for SOFT will be investigated by L. Bednarczyk through the Society's Delaware address.
6. T. Manning indicated that the Society's assets totaled approximately \$1,000.
7. J. Balkon will investigate the utilization of a telephone credit card for the Board.
8. J. Balkon suggested that SOFT persue with the Journal of Analytical Toxicology a liason relationship utilizing J.A.T. as the official journal for the Society. T. Rejent will write the Journal editors to explore this idea.

Respectfully submitted,

Yale H. Caplan, Secretary

HOW ABOUT A LOGO

In the minutes of the executive Board meeting (elsewhere in this newsletter) a suggestion was entertained to ask for members' opinions as to the design of a Logo for SOFT. All suggestions and sketches should be forwarded to Tom Rejent.

MEMBERSHIP COMMITTEE

The membership committee has received applications from the following toxicologists:

Arthur H.K. Djang, MD
Auseklis K. Perkons, Ph.D.
Michael McGee
Joan Harrill
Tully J. Speaker, Ph.D.
Mark W. Commiskey

Donna L. Duffy
Johann C.F. Schulz
Ivin Silver
Michael Krajewski
James P. Kenney

These applications are in various stages of completion and will be acted upon by the membership committee during the Academy meeting in Atlanta. Applicants will be notified in writing soon after the February meeting.

J. Bidanset, Chairman

ABFT

SOFT congratulates these newest Diplomates: Michael I. Schaffer, Burton R. Griffin, Walter Matusiak, Henry C. Dickerson, Robert C. Ericson, Larry D. Hobbs, Wellom B. Collom, Joseph Balkon, John R. McCutcheon, Norman A. Wade, Nancy C.B. Chen, Richard D. Pinder.

QUALIFICATIONS FOR MEMBERSHIP:

- A. Membership in SOFT shall be available to individuals who have demonstrated their ability to function as forensic toxicologists as recognized by SOFT and who are actively engaged in forensic toxicology at the time of application.
- B. Applicants must have the following educational degrees and experience
 - Ph.D. and 2 years experience in forensic toxicology
 - M.S. and 4 years experience in forensic toxicology
 - B.S. or B.A. and 6 years experience in forensic toxicology
- C. Applicants must be sponsored by two members in good standing of S.O.F.T.

TYPES OF MEMBERS:

- A. Regular members.
Regular members are those who fulfil above qualifications. They must pay dues and have full voting privileges.
- B. Associate members.
Applicants who do not qualify for regular membership but who demonstrate interest in forensic toxicology are eligible for associate membership. Associate members pay dues but do not have voting privileges.
- C. Student members.
Students pursuing degrees and careers in disciplines related to forensic toxicology may apply for student membership. These members pay prescribed dues but may not vote.

Applications must be submitted to current society secretary.

SOCIETY OF FORENSIC TOXICOLOGISTS

MEMBERSHIP APPLICATION

NAME _____ TITLE _____

ADDRESS _____

CITY, STATE, ZIP _____

PROFESSIONAL DATA: (curriculum vitae may be substituted)

EMPLOYMENT: (Last 6 years minimum)

UNIVERSITY EDUCATION:

PUBLICATIONS: _____

SPONSORS:
(Two SOFT Members)

I certify the foregoing is true and understand that misrepresentation can lead to dismissal from the Society.

Signed _____

Application Fee	\$ 5.00 (non-refundable - must accompany application)
Membership Dues	20.00/year
Associate Dues	20.00/year
Student	10.00/year

Dues must be submitted on receipt of acceptance to membership.