

SOCIETY OF TOXICOLOGY, INC.
1968-1969



President: Carroll S. Weil

PRESIDENT: Carroll S. Weil
PRESIDENT-ELECT: Ted A. Loomis
SECRETARY: Joseph F. Borzelleca
TREASURER: Robert L. Roudabush
PAST-PRESIDENT: John A. Zapp, Jr.
COUNCIL: Officers and Councilors, Seymour L. Friess (1967-1969), Charles Kensler (1967-1969), Victor A. Drill (1968-1970), Wayland J. Hayes, Jr. (1968-1970)

COMMITTEE MEMBERSHIP
Elected Committees

Membership Committee

Bernard L. Oser (1966-1969)*
Frederic Rieders (1968-1970)
Joseph F. Treon (1968-1971)

Finance Committee

Robert L. Roudabush (1967-1969)*
Robert C. Anderson (1967-1969)
Keith H. Jacobson (1967-1969)
Don D. Irish (1968-1970)
Harold N. MacFarland (1968-1970)

Awards Committee

John A. Zapp, Jr.*
Wayland J. Hayes, Jr.
Charles J. Kensler

Board of Publications

John Weisburger (1967-1970)*
Earl H. Dearborn, Managing Editor, T.A.P.
Carrol S. Weil, President
Leon Golberg (1968-1971)
Donald H. Kaump (1968-1971)
Ted A. Loomis, Auditor
Gabriel L. Plaa, Auditor

Educational Committee

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Robert B. Forney (1967-1969)
Fred H. Snyder (1967-1969)
Kenneth P. Dubois (1968-1970)

Appointed Committees

Nominating Committee

Verald K. Rowe*
Theodore O. King
Paul A. Mattis
Frederick Sperling
Herbert E. Stokinger

Program Committee

Ted A. Loomis*
Joseph F. Borzelleca
Jack E. Gray
Stephen Krop
Gabriel L. Plaa

Technical Committee

Sheldon D. Murphy*
J. Wesley Clayton, Jr.
Hans P. Drobeck
C. J. Terhaar
Ralph C. Wands

ad hoc Committees

**International Union
Committee**

William B. Deichmann
Frank R. Blood
Seymour L. Friess
Paul S. Larson

**Panel on Toxicology
Terminology**

Henry F. Smyth, Jr.
Frederic Rieders
Gabriel L. Plaa

*Chairman

Placement

Anthony M. Ambrose

**USASI Project on Epoxy
Resins K68 Committee**

William E. Rinehart
Richard L. Hollingsworth

LIAISON REPRESENTATIVES

**Representative on Z-37
Committee**

Harold N. MacFarland

**Representative to Division of
Chemistry & Chemical
Technology NASJNRC**

Verald K. Rowe (1968-1971)

EIGHTH YEAR OF THE SOCIETY

1968-1969

The eighth meeting of the Society was held in Williamsburg, VA, on March 10-12, 1969. The President, Mr. Carrol Weil opened the business meeting at 4:00 p.m. Monday, March 10, and said that 210 members and 389 non-members had registered and 500 tickets had been sold for the banquet. After a few general remarks he called upon the Treasurer and committee chairmen for their reports.

The Treasurer, Dr. Roudabush, presented his report in two parts; the first covered the period July 1, 1967, to June 30, 1968, since the report in 1967 went only as far as September 1967. The second part covered the period July 1, 1968, to February 28, 1969. Total assets in the Society as of June 30, 1968 were \$23,564.93, but by February 1969 had risen to \$30,416.51.

The Program Committee received 132 abstracts and accepted 121 for inclusion in the scientific sessions. Printed abstracts for the meeting were mailed to members three weeks prior to the annual meeting. Volunteer help for preregistration and registration was ably handled by Drs. C. J. Terhaar and Jack Gray. The scientific sessions operated very smoothly and efficiently by virtue of experienced chairmen and monitors.

The Membership Committee received 142 applications, the largest number to date. Ninety-eight were approved for admission. This was probably due to the change in the Constitution in 1968 that permitted the Membership Committee to accept those "who are generally recognized as expert in some phase of toxicology." Ten applications were not acted upon because they did not meet the required sponsors' signatures or supporting letters, so the number of acceptances could have been higher. Each year brought new changes in the Constitution and By-Laws and this year was no exception. The proposal that the members were asked to consider was on *Article Third Section 4*, on voting. It was felt that all members of the Society should have an opportunity to vote whether they were at the meeting or not, so the proposal was to change the procedure to *mail ballots*. Several members thought there should be space for write-in candidates. Other minor changes consistent with voting procedures were considered and all proposed amendments were approved. As the Society continued to grow it also had to become more efficient and these changes proved to be beneficial.

This year brought some significant changes in handling the increasing number of manuscripts. A new position of Associate Editor was created. Dr. Gabriel Plaa, Professor of Pharmacology, University of Montreal, and later on, Dr. Donald H. Kaump, Director of Pathology-Toxicology, Parke Davis and Company, were appointed Associate Editors. Four additional members were added to the Editorial Board: Drs. Bernard Becker, Hans Falk, Paul Mattis, and Sheldon Murphy. By exerting almost heroic efforts, the Editor and Publisher managed to eliminate the delay in publication by having the Journal appear during the month shown on the masthead. The average time between submission of a manuscript and publication was six to seven months. From February 13, 1967, to February 23, 1980, 438 manuscripts had been reviewed, of which 77 were rejected. Paid advertising first appeared in Volume 14, Number 1, January 1969. Arrangements were made to published the Proceedings of the Second Conference sponsored by

the American Medical Association and the Society of Toxicology, held in Washington, D.C., titled "Evaluation of Safety of Cosmetics." These were major accomplishments under the leadership of Dr. John Weisburger, Chairman of the Board.

The matter of producing a film and brochure had been under consideration since 1966, but it still was not clear what the goals and content of a film should be, so efforts were directed by the Educational Committee toward developing a brochure that could be used in recruiting new talent in toxicology. The brochure was tentatively titled *Toxicology as a Profession* and would be in four parts: (1) Toxicology: Definition and Scope; (2) Purpose of Toxicological Investigations; (3) Approaches and Descriptions; and (4) Opportunities for Training and Employment. Plans were made to assign portions of the outline and have a final draft in July or August. The Educational Committee thought there was a real need for promoting and encouraging short courses in specialized areas of toxicology. This was a very fertile idea and as time passed courses were being developed on many aspects of toxicology.

The President had encouraged the Technical Committee to give attention to a previous suggestion on the effective use of time and effort on toxicology. The Committee suggested that our appraisal of efficient procedures for safety evaluation would fit in with other agencies considering similar problems to develop research protocols that would reduce the conventional two-year chronic toxicity studies. The Committee recommended that the Council seek financial support for such studies. Another interesting and important problem was the need for standardization of units to express toxicity, dosage, and concentration, for example, millimoles vs. milligrams as dosage units; parts per million by volume vs. units of weight per unit volume to express concentration of gaseous air contaminants. One of the things that had prevented positive action by the various Committees was lack of continuity of membership and the Council was requested to stagger the appointments. The Committee submitted a general scheme on how one might systematically investigate a time saving approach to safety evaluation.

In 1968, Dr. Anthony Ambrose was asked to take charge of the Personnel Placement Bureau, which was conceived and handled by Carrol Weil at a previous meeting. This service has been a value to both applicants and employers alike. It has been instrumental in screening and matching applicants' demands with employers' qualification requirements. Questionnaires were developed that made it possible for employers to know who were looking for jobs, and for potential candidates to know where jobs were available. This service has continued throughout the years.

By this time in our history there were members of our Society who were thinking of ways of bringing together toxicologists throughout the world. Some suggested sectional status in the International Union of Pharmacology (IUPHAR). In 1968, Mr. Carrol Weil appointed an *ad hoc* Committee of Drs. William Deichmann, Chairman; Frank Blood, Seymour Friess, and Paul Larson to look into actions that might lead to some type of international unification of toxicologists. The Committee considered two possibilities: (1) to organize an International Union of Toxicology (IUTOX) in conjunction with a European Society of Toxicology, (2) to file an application for section status with the International Union of Pharmacology (IUPHAR). On July 29, it recommended to the Council application of section status to IUPHAR. On December 24, one member of the *ad hoc* Committee had second thoughts, and suggested that

Council should delay action rather than to plunge into a position that would give the Society the independence and strength it was seeking. However, the majority supported the application for section status, but did not believe it was necessary to go to the 4th International Congress of Pharmacology in Basle, Switzerland, to discuss the matter with President Uvnas and the Council of IUPHAR but this was a matter to be decided by the members of the Society of Toxicology. Discussions with toxicologists in England, Germany, France, Switzerland, Czechoslovakia, Argentina, Peru, and Chile was supportive of the section status route. It was felt that this would give the Society immediate international recognition. The Council at its March 10 meeting discussed the recommendations and concluded that the Society was not interested in section status but only equal status and any other areas of mutual importance to IUPHAR and SOT. Dr. Ted A. Loomis was asked to convey this to the Council of IUPHAR at the September meeting in Basle, Switzerland.

The Committee on Toxicology Terminology held three meetings during 1968-1969 at the National Library of Medicine to consider further additions to the Toxicity Bibliography. This periodical first appeared in 1968 with the distribution of four quarterly issues. Much time and effort was devoted to developing terms to cover the concepts of environmental health, reviewing the adverse reaction terms compiled by the Food and Drug Administration and to testing the system for demand searches of "hard" questions to reveal areas of weakness and of drug interactions.

At the banquet on Tuesday evening, President Weil presented the Achievement Award to Dr. Samuel Epstein, Research Associate in Pathology, Harvard Medical School, in recognition of his contribution to toxicology during the first ten years of his career in the field of toxicology. The Merit Award was presented to Dr. Harold C. Hodge, Professor of Pharmacology, University of Rochester, the first President of the Society of Toxicology, for his many years of productivity in research, his educational efforts in promoting toxicology as a scientific discipline, his service on many advisory groups and councils for federal, state and municipal governments as well as for industry and his talents as an organizer, moderator and peacemaker.

The guest speaker was Dr. Edward M. Riley who spoke on the subject of "Food Additives in the Eighteenth Century."