He was married on June 6, 1941 to Katherine Bass. They have three daughters, Janet, Bill and Jim. He is a member of the Chemistry Department faculty of North Carolina Central University (Durham) and Bill is a member of the Chemistry Department faculty of the University of Richmond.

JOURNAL OF THE TENNESSEE ACADEMY OF SCIENCE

PROCEEDINGS OF THE TENNESSEE ACADEMY OF SCIENCE 1974

JAMES D. CAPONETTI, Secretary

UNIVERSITY OF TENNESSEE, KNOXVILLE

EXECUTIVE COMMITTEE MEETING

JANUARY, 1974

The Executive Committee Meeting of the Tennessee Academy of Science was called to order by the President at 7:15 p.m. on January 5th. The meeting was held in the H. H. Smith Student Center, George Peabody College, Nashville, on February 1, 1974. Members present were Robert L. Aeppli, President; Albert L. Myers, President-Elect; J. Gerald Parchman, Past-President; Judson Bishop, Treasurer; J. Lennox Goddard, Editor; George Cottrell, James H. Jones, and James L. Williams, members of the Executive Committee; Wes Tomlinson, Journal Editor; John H. Bailey, Director of the Division of the Sciences of the College of Education; James H. Jones, Director of the Referral Lake Research Station; and Carl Johnson, Dean of Education Activities; Diane Nelson and Robert Martin. Members-at-Large.

The Secretary presented printed copies of the Minutes of the November, 1973, Executive Committee Meeting and the Annual Business Meeting. They were read and approved by a motion passed.

The Treasurer submitted an audit report which appears elsewhere. A professional auditor of the office of Rayford J. Malcolm, sent the following report as of January 30, 1974:

"I have examined the Treasurer's Report of cash receipts and disbursements, operations account, for the period, July 1, 1972 to June 30, 1973. In my opinion, on the basis of the information made available to me, the statement fairly presents the results of these transactions of account."

A motion was passed to accept the reports of the Treasurer and the Auditor.

The Editor submitted the following report:

"A complete annual report through October 1972 was given at the November meeting. This report will not duplicate those data but will serve instead to update activities of the Editor's office since November 1, 1972.

"The January, 1974 issue containing the Referral Lake Biological Station Report and 11 manuscripts was published and mailed to all subscribers in early January. Final mailing was delayed 3 weeks due to delay in receiving paper for Journal covers. The Editor has asked the printer to order covers in the future much earlier in order that such delays do not occur. The printer states however that the paper shortage is critical and they cannot guarantee that there will not be additional delays.

"Three manuscripts on the two-year college will accompany the March issue. A complete annual report of the Academy is to be printed in the Journal of the Academy for the 1973-74 meetings. The report is being developed and submitted to the editor for publication in the Journal."
The Editor submitted the following report:

Four Numbers of Volume 49 have been published since the annual meeting last November. Each issue was published and mailed promptly after acceptance and before the regular annual inclusions in the Journal, i.e., proceedings, news items, current events, and notices of meetings. The June issue contains twenty-eight regular manuscripts, twelve abstracts, and an abstract in the Reef Lake Report. The April issue was devoted primarily to two-part discussions of the Academy activity, and the November issue was dedicated to a symposium under the subject of "Zoology." The February break-down by subject area for 1974 is included in the Journal as is the following:

Reef Lake Report
Abstracts (sets)  
Biology  
Chemistry  
Geography  
Zoology  
General Medical Sciences  
Book Review
High School Science  
General Science  
Geology-Geography  
Mathematics  

Zoology reports 18 manuscripts in preparation
Geography 2  
Zoology 20  

Biology 2  
Chemistry 2  
Mathematics 2  
General Science 2  
High School Science 2  

The January, 1975 issue of JTAAS in preparation, October 18, 1974, twelve manuscripts, fully marked and mailed for publication, were placed in the possession of the printer for the January, 1975 issue. Eight manuscripts are scheduled for publication in the February, 1975 issue. Five additional manuscripts are in author revision, and one manuscript is being reviewed by a sectional editor. One manuscript was rejected during 1974, after several attempts to get the manuscript accepted, to meet objectives of the Editor. The break-down by subject area for the manuscripts to be included in the January, 1975 issue and the eighteen manuscripts which are in some phase of preparation is as follows:

January 1975 Issue

Eighteen Manuscripts in Preparation
Zoology 18  
Geography 2  
Biology 2  
Mathematics 2  
General Science 2  

The current backlog of eighteen manuscripts comprises manuscripts that in 1973, twelve manuscripts were submitted to the Editor and twenty manuscripts in 1974. With this modest backlog of manuscripts, new manuscripts are submitted as manuscripts are published and mechanisms are in place for their review. For example, forty-one manuscripts (as compared to thirty-nine manuscripts for 1973 and thirty-four manuscripts in 1972) were published in 1974. Twenty of these have already been published or are scheduled to be published for the upcoming year, by the end of the year. This has been an unheralded success with manuscripts which were published during the year, six were received only recently and are still under review process. Thus, a well-written manuscript whose quality is reasonable and length has an excellent chance of being published within a year. It has been an outstanding response to the authors and sectional editors for this success. The Editor and the sectional editors, F. A. Pomfret, D.B. Hopper and R. L. Smith submitted manuscripts for publication in JTAAS in 1974 as compared to 1973 means an advancement in the Journal's aim of publishing the best manuscripts for its readers. It is evident that the JTAAS should encourage authors to submit their best work for publication in JTAAS. The Editor and the sectional editors submitted manuscripts for publication in JTAAS in 1974 as compared to 1973 means an advancement in the Journal's aim of publishing the best manuscripts for its readers. It is evident that the JTAAS should encourage authors to submit their best work for publication in JTAAS. The Editor and the sectional editors should be congratulated on this success.

The Journal is still in need of manuscripts.

Editorial and clerical assistance continues to be given to students who write the abstracts at the expense of the Academy. Total operating costs of the Editor's Office to the Academy averaged $32 per month in 1974. This includes salaries of $32 per month in 1973. Although the high student turn-over rate makes this a difficult procedure for the Editor and the Secretary, there is a need for policy and facilities of the Academic to assist in student help, yet recognizing administrative responsibilities of the Editor. The Academy has sponsored a program to hold monthly costs to approximately $32 per month for two years.

The Secretary submitted an audited report which appeared elsewhere along with the Report of the Auditor. Both reports were accepted.
The establishment of the Department of the Academic and the Executive Committee of the Academy of Science of the Tennessee Academy of Science is proposed. The New President-Eth will be elected by the members at the annual meeting in the fall of each year. The Academy shall have the power to adopt rules and regulations for the government of the Academy and its members, and to determine the qualifications of members. The Board of Directors shall have the power to adopt rules and regulations for the government of the Academy and its members, and to determine the qualifications of members. The Board of Directors shall also have the power to adopt rules and regulations for the government of the Academy and its members. The Board of Directors shall also have the power to adopt rules and regulations for the government of the Academy and its members. The Board of Directors shall also have the power to adopt rules and regulations for the government of the Academy and its members.