

THE ONE HUNDRED ELEVENTH MEETING OF THE TENNESSEE
ACADEMY OF SCIENCE
8-10 November 2001
Middle Tennessee State University, Murfreesboro

SARAH H. SWAIN, SECRETARY TAS

Middle Tennessee State University, Murfreesboro

The annual meeting of the Tennessee Academy of Science (TAS) was held in Murfreesboro, Tennessee, 8-10 November 2001, as a joint meeting with the Kentucky Academy of Science (KAS). Executive board meetings, social events, and a symposium were held at Murfreesboro's Garden Plaza Hotel. The plenary session, business meetings, poster sessions, and paper sessions were held on the campus of Middle Tennessee State University (MTSU). Meeting arrangements and program planning were completed by the combined efforts of the TAS Local Arrangements Committee, led by Stephen Wright, KAS Program Coordinator Robert Creek, KAS President Ron Rosen, KAS President-elect Jerry Warner, TAS President Martin Stewart, and TAS President-elect Jack Rhoton.

The TAS Executive Committee meeting was held Thursday, 8 November 2001, in the Rosecrans Room at the Garden Plaza Hotel, Murfreesboro, Tennessee. The Thursday evening symposium topic was "Increased Resistance of Pathogenic Bacteria to Current Antibiotics", and the lecture was given by Dr. Engin Serpersu, Associate Professor, Department of Biochemistry, Cellular and Molecular Biology, The University of Tennessee, Knoxville. The topic for Friday's joint Plenary Session and luncheon was "Undergraduate Research", delivered by Dr. James H. Lightbourne, Senior Science Advisor, National Science Foundation Division of Undergraduate Research. Section meetings and poster sessions, held Friday and Saturday on the MTSU campus, featured KAS and TAS presenters as listed in the printed program. Separate KAS and TAS business meetings convened Saturday morning on the MTSU campus.

ANNUAL BUSINESS MEETING
10 November 2001

President Martin Stewart convened the annual business meeting of the Tennessee Academy of Science at 8:00 AM CST in the Davis Science Building amphitheater on the campus of Middle Tennessee State University (MTSU), and determined by attendance that a quorum was present. A motion to suspend the reading of the minutes passed.

President Stewart expressed appreciation to members of the Local Arrangements Committee for their work in preparing the meeting site.

Treasurer John W. Harris summarized the Treasurer's Report. He explained that recent increases in expenses were due to catch-up publication of *Journal* issues. The Auditor's report confirmed the financial stability of the academy.

Tennessee Junior Academy of Science (TJAS) Director Jack Rhoton reported the activities of the April 2001 meeting of the TJAS. Several Tennessee students participated in the 2001 American Junior Academy of Science meeting in California. In addition, Ms. Suvarna K. Murti from the Lausanne Collegiate School in Memphis participated in the Intel International Science and Engineering Fair in San Jose, California and received two awards. This year's recipient of the TAS Distinguished Secondary Science Teaching Award was Gary W. Barrigar, a high school chemistry, physics, and ecology teacher in Elizabethton, Tennessee. Mr. Barrigar was presented a plaque and a \$500 cash award at the TAS/KAS Awards Banquet held at the Garden Plaza Hotel, Murfreesboro, Tennessee, 9 November 2001.

Gore Ervin, Managing Editor of the *Journal of the Tennessee Academy of Science* presented data indicating a recent trend in decline of submissions for publication (Fig. 1). According to Editor Ervin, all submissions have been processed and all pre-existing files have been closed, published, or are in review/revision. Editor Ervin recognized the long-time service of Dr. James X. Corgan, Section Editor for the History of Science Section, and Dr. Anthony Newsome, Section Editor for the Microbiology Section. A list of section editors approved for the 3-year term, 1 May 2001-1 May 2004, appears in the 8 November 2001 minutes of the Executive Committee.

Collegiate Division Director Richard Raridon reported the activities of the collegiate divisions. Nineteen papers were pre-

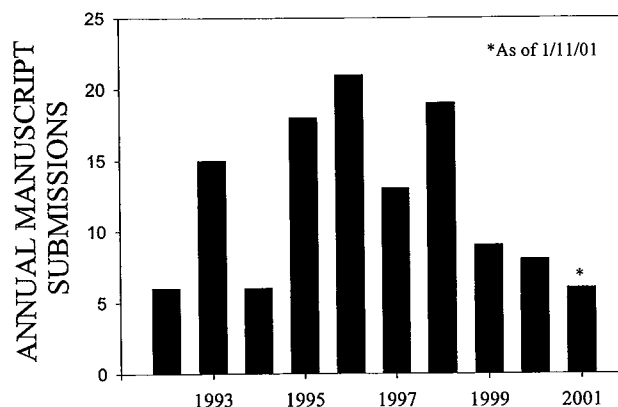


Fig. 1 Total number of manuscripts submitted for consideration of publication in the *Journal of the Tennessee Academy of Science* 1992-2001.

sented at the West division meeting. Eighteen papers were presented at the Middle division meeting. The East division meeting was cancelled this year due to a low number of submissions. Director Raridon presented the TAS Distinguished Service Award at the TAS/KAS Awards Banquet held at the Garden Plaza Hotel, Murfreesboro, Tennessee, 9 November 2001. President Stewart again recognized Director Raridon for his many years of service to the Collegiate Division and the academy.

David Kesler, Director of Electronic Communication, reported on changes needed for the TAS web site. He suggested that the KAS web site could be used as a model for change. Director Kesler also expressed his desire to pass the duties to a person who is especially knowledgeable in web design. The Networks program usage has declined. Plans to recruit use from Tennessee Science Teachers Association members are being considered.

President Stewart read the names of recently deceased TAS members: Dr. Robert Amy, retired Professor of Biology, Rhodes College, and past TAS President; Conrad W. Bates, Hixson, retired high school science teacher; Dr. Bernard W. Benson, Challenger Center, University of Tennessee, Chattanooga, and past TAS President; Dr. Gerald Parchment, retired Professor of Biology, MTSU, and past TAS President; Dr. William T. Pinkston, Professor of Physics, Vanderbilt University; Dr. Howard E. Smith, Professor of Chemistry, Vanderbilt University; Dr. James W. White, retired Professor at University of Tennessee, Knoxville; Mrs. Louise Wisner, active member and wife of Dr. J. E. Wisner, Department of Chemistry, MTSU. A moment of silence was observed in remembrance.

Treasurer Harris reported fifty-one new members during 2001. A motion to accept the new members passed. The names of new the members will be published in the *Journal*.

Secretary Sarah H. Swain read the "Resolution of Appreciation" submitted by Resolutions Committee Chair, Sallie Noel, Austin Peay State University:

"Whereas, the Tennessee Academy of Science, which for the second time in its history is meeting jointly with the Kentucky Academy of Science, is enjoying the most pleasant, profitable, and well organized series of meetings at Middle Tennessee State University, and

"Whereas, the success of these meetings has resulted mainly from the efforts of the officers of the respective sections; the Local Arrangements Committee representing Middle Tennessee State University, composed of James Hart, James Howard, Judith Iriarte-Gross, George Murphy, Earl Pearson, Martin Stewart, Sarah Swain, Marion Wells, and Stephen Wright; Meeting Coordinator Mike Redding; TAS member Steven Murphree; from the leadership of President-Elect Jack Rhoton, President Martin Stewart, and Past-President David Wilson; from the recognition given the meetings by the press, television, and radio stations; and from the generous hospitality of the host institution, Middle Tennessee State University and its President, Dr. Sidney McPhee and Provost, Dr. Barbara Haskew;

"Be It Resolved, therefore, that the Tennessee Academy of Science expresses its sincere appreciation to these and all others who contributed to the success of the meetings."

A motion to accept the resolution passed.

Nominating Committee Chair and Past President David Wilson submitted the following slate of officers for approval by the membership: President Jack Rhoton, President-elect Karen Kendall-Fite, Treasurer John W. Harris, Secretary Sarah H. Swain. A motion that nominations cease and that the slate be accepted by acclamation was approved.

President Stewart announced TAS awards presented at the TAS/KAS Awards Banquet at the Garden Plaza Hotel in Murfreesboro, 9 November 2001: TAS Distinguished University Scientist Award to Dr. David J. Wilson, TAS Distinguished Service Award to Dr. Richard Raridon, and TAS Distinguished Secondary Science Teacher Award to Mr. Gary Barrigar.

Future meeting sites were announced by President Stewart as follows: East Tennessee State University, Johnson City, Tennessee, 15 November 2002; Columbia State Community College, Columbia, Tennessee, November 2003; possible joint meeting with Tennessee Science Teachers Association (TSTA), Nashville, Tennessee, 2004; University of Tennessee at Martin, proposed site for 2005. President Stewart expressed his appreciation to those who had helped organize the joint meeting with KAS, then passed the gavel to 2002 President Jack Rhoton who adjourned the meeting.