

116<sup>th</sup> MEETING OF THE TENNESSEE ACADEMY OF SCIENCE  
16-17 November 2006  
Austin Peay State University  
Clarksville, Tennessee

SARAH H. SWAIN, SECRETARY TAS

*Middle Tennessee State University, Murfreesboro, Tennessee*

The annual meeting of the Tennessee Academy of Science (TAS) was held in Clarksville, Tennessee, 16-17 November 2006 on the campus of Austin Peay State University (APSU) with TAS President John W. Harris presiding. President-elect George Webb served as Program Chairperson. The APSU Local Arrangements Committee members were Dr. John Foote and Dr. Steve Hamilton.

The TAS Executive Committee met Thursday evening, 16 November 2006, in the Iris Room of the APSU University Center following a reception at historic Archwood, APSU President's residence, and dinner in the Iris Room. On Friday, 17 November 2006, the General Session, Annual Business Meeting, Symposium on Science and Global Security, luncheon, Poster Session, and technical section meetings were held in the APSU Sundquist Science Center. The General Session, held in the Sundquist Science Center Auditorium, began with a welcome from TAS President-elect George Webb, APSU Provost, Dr. Bruce Speck, and APSU Dean of the College of Science and Mathematics, Dr. Susan Calovini. Commissioner Susan Bunch, Tennessee Department of Education, delivered the Plenary Session address, "Opportunities and a Challenge", on behalf of Governor Phil Bredesen. The address focused on the status and future of science education in Tennessee. During the morning attendees participated in the symposium, "Science and Global Security", presided by Col. Greg Kaufmann, Director, Institute for Global Security Studies, APSU. Panel members who spoke were Maj. Gen. John C. Doesburg, Director, Homeland Security Programs and Executive Director, Oak Ridge National Laboratories Center for Homeland Security; Dr. Andrew N. Barrass, Center of Excellence for Field Biology, APSU; and Mr. Michael W. Wilson, Manager, Geographic Information Systems, APSU. The Poster Session was open to attendees from 8:30 AM to 2:00 PM. The Association of Science Department Chairs met in the Biology Conference Room of the Sundquist Science Center at 9:00 AM. Lunch was served in the APSU University Center Ballroom. Section business meetings and paper presentations were held in the Sundquist Science Center as listed in the printed program.

ANNUAL BUSINESS MEETING  
18 November 2006

Tennessee Academy of Science President John W. Harris convened the Annual Business Meeting of the Tennessee

Academy of Science at 11:30 AM in the Sundquist Science Center Auditorium on the campus of APSU, Clarksville, Tennessee, and determined by the attendance that a quorum was present. A motion to suspend the reading of the minutes passed. A motion to accept new members (number to be determined after meeting registration is completed) was approved. The names of new members during 2006 will be published in the *Journal of the Tennessee Academy of Science*.

President Harris called attention to an addendum to paper presentations and other meeting details, such as parking and lunch tickets. President Harris thanked President-elect and Program Chairperson George Webb for developing the topics and arranging speakers for the Symposium on Science and Global Security and the Plenary Address. He thanked the APSU Local Arrangements Committee, Dr. John Foote and Dr. Steve Hamilton, for handling the numerous details required to organize the 2006 annual meeting.

Treasurer Steve Murphree discussed the Treasurer's Report and distributed copies to interested attendees. The report can be viewed in its entirety in the 16 November 2006 Executive Committee meeting minutes. Treasurer Murphree explained that additional expenses, not shown in this report, were anticipated with the publication of Tennessee Junior Academy of Science *Handbook*, upcoming *Journal* issues, and annual meeting expenses.

Managing Editor Gore Ervin summarized the report published in full in the minutes of the 16 November 2006 Executive Committee meeting. Editor Ervin made a plea for more manuscripts to boost up-coming issues of the *Journal of the Tennessee Academy of Science*. Recently, low numbers of manuscript submissions have resulted in combined issues. Members were encouraged to volunteer to serve as manuscript reviewers. Editor Ervin announced that he planned to leave the editor's position as of January 2008. Anyone interested in assuming the position of TAS Managing Editor is welcome to contact Editor Ervin for job details. President Harris praised Editor Ervin for his valuable and commendable service to TAS.

Tennessee Junior Academy of Science (TJAS) Director Jack Rhoton summarized the report printed in full in the minutes of the Executive Committee meeting. Director Rhoton presented a brief history of TJAS and summarized the activities leading up to the 2006 TJAS meeting in April when twenty-five selected students presented their research before a panel of judges. Director Rhoton offered copies of the 2006

TJAS *Handbook* to interested TAS members. He related parent comments about the value of the TJAS experience to their children. Director Rhoton announced the three Outstanding Secondary Science Teacher Awards that were presented at the April TJAS meeting. He then presented the 2006 TAS Distinguished Secondary Science Teacher Award to Jennifer Dye, advanced placement biology and physics teacher at Pope Paul II High School, Hendersonville. Ms. Dye came forward to receive a plaque and a check for \$500 from TAS. Director Rhoton's report can be seen in its entirety in the minutes of the Executive Committee.

A committee of TAS members, led by D. Chin-Zue Chen, APSU, selected Mr. Barry L. Kulback of Trane Commercial Systems to receive the TAS Industrial Scientist Award. Mr. Kulback came forward to receive a plaque and recognition for his scientific contributions in the field of information technology leading to improvements in production efficiency.

Necrology Committee Chairperson Alexander Wells read the names of recently deceased TAS members: Albert L. Myers, Carson Newman College; Paul L. Parmalee, University of Tennessee, Knoxville; Mario Caprio, Tennessee Technological University; and Craig Site, affiliation not known. A meeting attendee announced the recent death of Dr. Darlington, TAS member from Southwestern College (now Rhodes

College). A moment of silence was observed in memory of these deceased TAS members.

Secretary Swain read the Resolution of Appreciation, prepared by the Resolutions Committee and Chairperson Sallie Noel. The resolution expressed appreciation to the host institution, APSU, and the Local Arrangements Committee for making the preparations for a successful annual meeting. A motion to accept the resolution passed. The Resolution of Appreciation is printed in full in the 16 November 2006 Executive Committee meeting minutes.

Past President and Nominating Committee Chairperson Steve Wright presented the slate of officers for 2007 for consideration by the membership: President-elect Cindi Smith-Walters, Middle Tennessee State University; Treasurer Steve Murphree, Belmont University; Secretary Teresa Fulcher, Pellissippi State Community College. A motion to accept the slate was approved by vote of the members in attendance.

A President's plaque was presented to 2005 TAS President Steve Wright for his service to TAS. President Harris commended Wright for his commitment and dedicated service to TAS.

President John W. Harris passed the gavel to 2007 TAS President George Webb who adjourned the 2006 TAS Annual Business Meeting at 12:00 noon.