

120<sup>th</sup> MEETING OF THE TENNESSEE ACADEMY OF SCIENCE  
19 NOVEMBER 2010  
Tennessee Technological University  
Cookeville, Tennessee

TERESA L. FULCHER, SECRETARY TAS

*Pellissippi State Community College, Knoxville, Tennessee*

The annual meeting of the Tennessee Academy of Science (TAS) was held on the campus of Tennessee Technological University, Cookeville, Tennessee, 19 November 2010 with President Michael A. Gibson presiding. President-Elect Jeffrey Boles served as Local Arrangements Committee Chair.

The TAS Executive Committee meeting was held Thursday evening 18 November 2010 on the Tennessee Technological University campus, in the Millard-Oakley STEM Center, Ray Morris Hall. The general session, annual business meeting, luncheon, poster sessions, and section meetings were held on the Tennessee Technological University campus Friday, 19 November 2010. The general session began at 7:30 AM CST in the Millard Oakley STEM Center with registrations. The plenary session began at 9:00 AM CST in the STEM Center Auditorium with a welcome from Tennessee Technological University President Robert R. Bell. Academy President-Elect Jeffrey Boles introduced the keynote speaker, Dr. Martin Keller of Oak Ridge National Laboratory. Dr. Keller's address was titled "Next Generation Climate and Biomass Research: From Molecular Biology to earth System Models and Back." Throughout the morning meeting attendees viewed posters displayed in the STEM Center atrium. The annual business meeting followed, with TAS President Michael A. Gibson presiding. Lunch was served to participants in the Nursing Building, followed by paper sessions as listed in the printed program.

ANNUAL BUSINESS MEETING  
19 NOVEMBER 2010

Tennessee Academy of Science President Michael A. Gibson convened the annual business meeting of the Tennessee Academy of Science at 11:15 AM CST in the Millard Oakley STEM Center Auditorium on the Campus of Tennessee Technological University, Cookeville, Tennessee, and perceived by the attendance that a quorum was present. A motion to suspend the reading of the minutes was made by Stephen Stedman and seconded by Stephen Wright. The motion passed. A motion to accept new members was made by Gilbert Pitts and seconded by Stephen Wright. The motion passed. The names of new members during 2010 will be published in the *Journal of the Tennessee Academy of Science*.

Treasurer Steve Murphree discussed the Treasurer's report and distributed copies. The report can be viewed in its entirety in the 18 November 2010 Executive Committee meeting

minutes. Treasurer Murphree noted that the Academy has just over \$160,000 in assets and that the Vanguard Star Fund is doing very well. Michael Redding made a motion to accept the Treasurer's report. Mandy Carter Lowe seconded the motion and the motion carried.

Managing Editor Stephen Stedman summarized his report published in its entirety in the 18 November 2010 Executive Committee meeting minutes. Managing Editor Stedman commented that the transition regarding on-line manuscripts has worked well and has helped with costs. He reported that two issues of the *Journal* have been published in 2010, with a third combined issue expected out in December. Managing Editor Stedman reported that two new section editors had been approved by the Executive Committee, and that links to Portable Document Format (PDF) files of journal volumes 1-80 would be available on the *JTAS* homepage by January. The volume for 2012 will be the centennial issue, and Managing Editor Stedman hopes to have a large number of manuscripts for that year. Gore Ervin made a motion to accept the Managing Editor's report. Gilbert Pitts seconded the motion.

Tennessee Junior Academy of Science (TJAS) Director Jack Rhoton summarized his report printed in full in the 18 November 2010 minutes of the Executive Committee meeting. Director Rhoton noted that the Junior Academy has a long history in Tennessee and was organized on the campus of Peabody College. Director Rhoton has served as Director since 1992. The Junior Academy receives papers from students across the State and 23-25 papers are selected for presentation at the Annual Meeting of the Junior Academy held at Belmont University. The papers are published in the *Handbook and Proceedings of the Tennessee Junior Academy of Science* and these are disseminated across the State. Director Rhoton then presented the 2010 TAS Distinguished Secondary Science Teacher Award to Luke Diamond from Pope John Paul II High School.

Secretary Teresa Fulcher read the "Resolution of Appreciation" prepared by the Resolution Committee and Chairperson David Pitts:

*Whereas*, the Tennessee Academy of Science is enjoying a most pleasant, profitable, and well-organized series of meetings at Tennessee Technological University, and

*Whereas*, the success of these meetings has resulted mainly from the efforts of Local Arrangements Committee Chair, Program Chair, and President-Elect, Jeffrey O. Boles; the Local Arrangements Committee, composed of Sherry Gaines,

Carla Goolsby, Christina Hatley, Wanda Maxwell, Sally Pardue, J. Michael Redding, and George E. Webb; the officers of the respective sections; TAS Executive Committee members, President Michael A. Gibson, Past-President M. Gore Ervin, Secretary Teresa Fulcher, and Treasurer C. Steven Murphree; and also from the recognition given the meetings by the local media and from the gracious hospitality of the host university,

*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.

On behalf of the Necrology Committee, Secretary Fulcher read the names of Academy members that have died since our last meeting: Dr. Michael L. Daley, Department of Engineering, University of Memphis; Dr. Clay Chandler, Department of Biology, Middle Tennessee State University; and Dr. Robert Martin, Department of Biology, Tennessee Technological University. Dr. Daley was a former President of the Academy and long time Director of the Visiting Scientist Program. Dr. Chandler and Dr. Martin were former Presidents of the Academy.

Nominating Committee Chair and Past President M. Gore Ervin submitted the following slate of officers for 2011 for approval by the membership: Andy Andrews—President-Elect; Teresa Fulcher—Secretary; and Steve Murphree—Treasurer. John Harris made a motion to close nominations and accept the slate of officers. Michael Redding seconded the motion and the motion carried.

President Michel A. Gibson announced a proposed change to the constitution of the Tennessee Academy of Science. Secretary Fulcher read the proposed change. In Article VI: Publication, Section 1: Title and Frequency, the constitution currently reads: *The official publication of the Academy shall be called Journal of the Tennessee Academy of Science and shall normally be published as four issues per year. (January, April, July, October).* The TAS Executive Committee recommends that the months of publication be removed so the constitution reads as follows: Article VI: Publication, Section 1: Title and Frequency: *The official publication of the Academy shall be called Journal of the Tennessee Academy of Science and shall normally be published as four issues per year.* President Gibson noted that the proposed change has been recommended according to Article IX of the constitution, and will be voted on at the 2011 annual meeting.

President Michael A. Gibson presented a plaque of appreciation to Past President M. Gore Ervin for service to the Academy during 2009.

President Gibson announced that luncheon tickets were still available and invited members to attend the centennial round table discussion to be held in Room 260 of the Nursing Building. The 2011 meeting of the Academy will be held at Union University October 27–28, 2011. After extending thanks to Tennessee Technological University, the local arrangements committee, and the Executive Committee, Michael A. Gibson passed the gavel to 2011 President Jeffrey O. Boles who adjourned the meeting at 11:47 AM CST.