

## NOVEMBER MEETING OF THE TENNESSEE ACADEMY OF SCIENCE

The eighty-sixth meeting of the Tennessee Academy of Science will be held at the University of Tennessee at Chattanooga on Friday and Saturday, November 19-20, 1976. We hope that you have made plans both to attend and to present a paper at one of the section meetings.

In order for abstracts of papers presented at the November meeting to be included in the April 1977 issue of the *Journal of the Tennessee Academy of Science*, it is necessary that the paper title and an abstract (not longer than 150 words) be sent to the appropriate section chairperson (names and addresses given below). October 1 was the date suggested by the program chairman; though this date is past, we wish to reiterate his request for prompt action.

The General Session on Friday morning will consist of five presentations, as follow:

Biology in 1776	—	Dr. Carl Dee Brown Memphis State University
Chemistry in 1776	—	Dr. Stanley Tarbell Vanderbilt University
Mathematics in 1776	—	Dr. Al Tirman East Tennessee State University
Medicine in 1776	—	Dr. Simon Bruesch University of Tennessee Center for the Health Sciences
Physics in 1776	—	Dr. Robert Lagemann Vanderbilt University

### SECTION CHAIRPERSONS AND ADDRESSES

#### BOTANY

Dr. Prem S. Kahlan  
Tennessee State University  
Nashville, Tennessee 37203

#### CHEMISTRY

Dr. Thomas A. Furtsch  
Department of Chemistry  
Tennessee Technological Univ.  
P. O. Box 5055  
Cookeville, Tennessee 38501

#### GEOLOGY-GEOGRAPHY

Dr. Richard E. Bergenback  
Department of Geosciences  
University of Tennessee  
Chattanooga, Tennessee 37401

#### MATHEMATICS

Dr. Donald C. Ramsey  
Department of Mathematics  
Tennessee Technological Univ.  
Cookeville, Tennessee 38501

#### MEDICAL SCIENCES

Dr. James W. Wilson  
Department of Pathology  
University of Tennessee  
Memphis, Tennessee 38163

#### PHYSICS-ASTRONOMY

Dr. Robert F. Sears  
Department of Physics  
Austin Peay State University  
Clarksville, Tennessee 37040

#### SCIENCE-MATHEMATICS TEACHERS

Dr. Bernard W. Benson  
Department of Education  
University of Tennessee  
Chattanooga, Tennessee 37401

#### ZOOLOGY

Dr. Charles J. Biggers  
Department of Biology  
Memphis State University  
Memphis, Tennessee 38152

#### COLLEGIATE DIVISION

Dr. R. Raridon  
111 Columbia Drive  
Oak Ridge, Tennessee 37830

From the library of  
*Ed. Floyd Scott*

U. S. POSTAL SERVICE  
**STATEMENT OF OWNERSHIP, MANAGEMENT AND CIRCULATION**  
*(Act of August 12, 1970: Section 3685, Title 39, United States Code)*

<b>1. TITLE OF PUBLICATION</b> Journal of the Tennessee Academy of Science	<b>2. DATE OF FILING</b> 10/1/76		
<b>3. FREQUENCY OF ISSUE</b> Quarterly-January, April, July, and October	<b>3A. ANNUAL SUBSCRIPTION PRICE</b>		
<b>4. LOCATION OF KNOWN OFFICE OF PUBLICATION</b> <i>(Street, city, county, state and ZIP code) (Not printers)</i> Box 153, George Peabody College, Nashville, Tennessee 37203			
<b>5. LOCATION OF THE HEADQUARTERS OR GENERAL BUSINESS OFFICES OF THE PUBLISHERS</b> <i>(Not printers)</i> Box 153, George Peabody College, Nashville, Tennessee 37203			
<b>6. NAMES AND ADDRESSES OF PUBLISHER, EDITOR, AND MANAGING EDITOR</b>			
PUBLISHER <i>(Name and address)</i> Journal of the Tennessee Academy of Science, Box 153, George Peabody College Nashville, Tennessee 37203			
EDITOR <i>(Name and address)</i> Gus Tomlinson, Box 153, George Peabody College, Nashville, Tennessee 37203			
MANAGING EDITOR <i>(Name and address)</i> none			
<b>7. OWNER</b> <i>(If owned by a corporation, its name and address must be stated and also immediately thereunder the names and addresses of stockholders owning or holding 1 percent or more of total amount of stock. If not owned by a corporation, the names and addresses of the individual owners must be given. If owned by a partnership or other unincorporated firm, its name and address, as well as that of each individual must be given.)</i>			
NAME	ADDRESS		
Tennessee Academy of Science, Inc.	The University of Tennessee		
An Executive Committee of 12 members constitute the Board of Trustees of Corp.			
<b>8. KNOWN BONDHOLDERS, MORTGAGEES, AND OTHER SECURITY HOLDERS OWNING OR HOLDING 1 PERCENT OR MORE OF TOTAL AMOUNT OF BONDS, MORTGAGES OR OTHER SECURITIES</b> <i>(If there are none, so state)</i>			
NAME	ADDRESS		
The Corporation does not have bondholders, mortgages, and other security holders.			
The Corporation is made up of 757 members that pay yearly dues.			
<b>9. FOR OPTIONAL COMPLETION BY PUBLISHERS MAILING AT THE REGULAR RATES</b> <i>(Section 132.121, Postal Service Manual)</i> 39 U. S. C. 3626 provides in pertinent part: "No person who would have been entitled to mail matter under former section 4359 of this title shall mail such matter at the rates provided under this subsection unless he files annually with the Postal Service a written request for permission to mail matter at such rates." In accordance with the provisions of this statute, I hereby request permission to mail the publication named in Item 1 at the reduced postage rates presently authorized by 39 U. S. C. 3626. <i>(Signature and title of editor, publisher, business manager, or owner)</i>			
<b>10. FOR COMPLETION BY NONPROFIT ORGANIZATIONS AUTHORIZED TO MAIL AT SPECIAL RATES</b> <i>(Section 132.122 Postal Service Manual) (Check one)</i>			
The purpose, function, and nonprofit status of this organization and the exempt status for Federal income tax purposes	Have not changed during preceding 12 months <input checked="" type="checkbox"/>	Have changed during preceding 12 months <input type="checkbox"/>	<i>(If changed, publisher must submit explanation of change with this statement.)</i>
<b>11. EXTENT AND NATURE OF CIRCULATION</b>	AVERAGE NO. COPIES EACH ISSUE DURING PRECEDING 12 MONTHS	ACTUAL NUMBER OF COPIES OF SINGLE ISSUE PUBLISHED NEAREST TO FILING DATE	
<b>A. TOTAL NO. COPIES PRINTED</b> <i>(Net Press Run)</i>	1100	1100	
<b>B. PAID CIRCULATION</b>			
1. SALES THROUGH DEALERS AND CARRIERS, STREET VENDORS AND COUNTER SALES	None	None	
2. MAIL SUBSCRIPTIONS	958	958	
<b>C. TOTAL PAID CIRCULATION</b>	951	951	
<b>D. FREE DISTRIBUTION BY MAIL, CARRIER OR OTHER MEANS</b> SAMPLES, COMPLIMENTARY, AND OTHER FREE COPIES	7	7	
<b>E. TOTAL DISTRIBUTION</b> <i>(Sum of C and D)</i>	958	958	
<b>F. COPIES NOT DISTRIBUTED</b>			
1. OFFICE USE, LEFT-OVER, UNACCOUNTED, SPOILED AFTER PRINTING	142	142	
2. RETURNS FROM NEWS AGENTS	None	None	
<b>G. TOTAL</b> <i>(Sum of E &amp; F—should equal net press run shown in A)</i>	1100	1100	
I certify that the statements made by me above are correct and complete.	SIGNATURE OF EDITOR, PUBLISHER, BUSINESS MANAGER, OR OWNER <i>Gus Tomlinson</i>		