

**REPORT OF THE TREASURER OF THE TENNESSEE ACADEMY OF SCIENCE
JANUARY 1, 1964 TO DECEMBER 31, 1964**

G. B. PENNEBAKER, TREASURER
Tennessee Polytechnic Institute, Cookeville, Tennessee

January 1	Bank balance	\$ 3,960.15	
	Outstanding checks		\$ 1,009.12
	Income 1964 (deposits)	9,478.68	
	Checks issued 1964		6,088.27
	Outstanding checks	164.60	
December 31	Balance in bank		6,506.04
	Totals	\$13,603.43	\$13,603.43

Accounts	Income	Expenditures
President's Office		68.70
Postage and Telephone		40.00
Office expenses		28.70
Secretary's Office		859.95
Secretary's account		600.00
Office expenses		259.95
Editor's Office		771.47
Editor account		650.00
Office expenses		121.47
Journal Account	2,672.01	2,357.89
Subscription and Sales	595.30	
Advertisements	461.71	
Membership dues (1/2)	1,615.00	
Treasurer's Office		946.88
Treasurer's account		625.00
Treasurer's bond		62.50
Postage		133.05
Telephone		49.39
Printing		58.03
Office expenses		18.91

Membership	803 (including 29 life) 1/2	1,615.00	
Regular	605 x 4 2,420.00 1/2	2,210.00	
High school	140 x 2 280.00 1/2	140.00	
Sustaining	24 x 10 240.00 1/2	120.00	
Industrial	3 x 25 75.00 1/2	37.50	
Institutional	1 x 50 50.00 1/2	25.00	
Life	2 x 75 150.00 1/2	75.00	
Other	1 x 15 15.00 1/2	7.50	
	3,230.00		
AAAS Meeting: Trip for three			452.21
Wilson			126.61
Flatt			161.00
Baker			164.60

Accounts (Continued)	Income	Expenditures
Executive Committee Meetings		234.17
Grant-in-aid, Tennessee Department of Education	3,000.00	
Contributions		
C. M. Goethe	50.00	62.00
Pincus	12.00	
Indirect costs from NSF Grants		2,129.62
Collegiate Division GE-1818	72.69	
Visiting Scientists Program GE-1848	724.76	
Junior Academy GE-1644	1,332.17	
Talent Search		277.00
Rental		
Rental on typewriter for VSP		120.00
	9,478.68	6,088.72

Statement of Operating Fund		
January 1, 1964 Bank balance	3,960.15	
Less outstanding checks	1,009.12	
Net balance	2,951.03	
December 31, 1964 Bank balance		6,506.04
Less outstanding checks		164.00
Net balance		6,342.04
Net income	3,391.01	
Totals	6,342.04	6,342.04

REPORT OF THE AUDITOR OF THE 1964 ACCOUNTS

I have examined the reports of the Treasurer of the Tennessee Academy of Science and found them to be correct and in proper order.
M. R. Richmond, Auditor
February 5, 1965

New Members of the Tennessee Academy of Science, 1964

(Continued from page 73)

Duncan, Miss Sue H. (Biology), Box 4402, APSC, Clarksville, Tenn. East Tenn. State Univ., c/o Solon Gentry, Bus. Manager (Supporting).	Hoffarth, Ray (Zoology), 114 Hillcrest Lane, Kingston, Tenn.
Fagan, James Michael (Geology-Geography), TVA, Mineral Res. Sec., Geologic Br., Union Bldg., Knoxville, Tenn.	Holton, Dr. Raymond W., Botany Dept., Univ. of Tenn., Knoxville, Tenn.
Fitzgerald, Dr. Laurence R., Ana. Dept., Univ. of Tenn. Med. Units, 62 S. Dunlap, Memphis, Tenn.	Honor, John, Dept. of Biol., Lane College, Jackson, Tenn.
Foreman, Dr. Charles W., Biol. Dept., Univ. of the South, Sewanee, Tenn.	Howell, Eddie Robert (Chemistry), Box 266, TPI, Cookeville, Tenn.
Garrett, Dr. Marion H. (Zoology-Medical Science), 427 N. Graham, Apt. 22, Memphis, Tenn.	Hubisz, John L., Physics Dept., Univ. of Tenn., Knoxville, Tenn.
Griffin, Dana Gove III, Botany Dept., Univ. of Tenn., Knoxville, Tenn.	Jenkins, Mrs. Elise R. (Biology), 4015 Hiawatha Dr., Knoxville, Tenn.
Hamner, Dr. Martin E. (Medical Science), 4806 Craigmont, Memphis, Tenn.	Johnston, Dr. Titus M., Tennessee Corporation, 1917 Roosevelt Highway, College Park, Georgia.
Harvey, Dr. Robert H. (Mathematics), Knoxville College, Knoxville, Tenn.	Jolley, Mrs. Virginia M. (Geology-Geography, Mathematics), 281 North Highland, Memphis, Tenn.
Herber, Dr. Elmer C., Dept. of Biology, Dickinson College, Carlisle, Pa.	Karraker, Dr. Robert H. (Chemistry), 1260 Cherrydale Cove, Memphis, Tenn.
	Kroll, Harry H., Jr. (Physics-Astronomy, Mathematics), Route 14, Wright's Ferry Rd., Knoxville, Tenn.

- Mallette, Dr. John M., Biol. Dept., Tenn. A and I State Univ., Nashville, Tenn.
- Mayberry, Jim D. (Biology), 105 Second Ave., Mt. Pleasant, Tenn.
- McCutchen, William T. (Geology-Geography), UTMB, Martin, Tenn.
- McIntosh, James W., Jr., Biol. Dept., MTSC, Murfreesboro, Tenn.
- Milici, Dr. Robert C., Tenn. Div. of Geol., 905 Locust St., Knoxville, Tenn.
- Mote, Dr. John H. (Physics-Astronomy), Lincoln Memorial Univ., Harrogate, Tenn.
- Nelson, Dr. Harry, Jr., Chem. Dept., ETSU, Johnson City, Tenn.
- Newby, Dr. Frank A., Jr., Chem. Dept., ETSU, Johnson City, Tenn.
- Pav, Denise I., Biol. Dept., ETSU, Johnson City, Tenn.
- Payne, Jerry A., Rad. Ecol. Sec., Health Physics Div., Building 2001 P. O. Box X, Oak Ridge, Tenn.
- Puckett, E. Powell (Chemistry, Zoology), 112 Amherst Lane, Oak Ridge, Tenn.
- Richards, Mrs. Maria S. (Chemistry, Physics), Route 7, Murfreesboro, Tenn.
- Robert, Brother L. (Botany, Medical Science), Christian Brothers College, Memphis, Tenn.
- Roth, Dr. John A. (Engineering), Box 1574, Vanderbilt Univ., Nashville, Tenn.
- Seals, Dr. Rupert Grant (Chemistry), Dept. of Dairy & Food Industry, Iowa State Univ., Ames, Iowa.
- Senter, Mrs. Virginia M. (Zoology, Geology-Geography), 619 Marlboro Ave., Chattanooga, Tenn.
- Smith, Spurgeon J. (Biology, Chemistry), Henning, Tenn.
- Stephenson, Dr. William G. (Medical Science), 612 Medical Arts Bldg., Chattanooga 2, Tenn. (Sustaining).
- Tarpley, Wallace A., Biol. Dept., Box 2602, ETSU, Johnson City, Tenn.
- Taylor, Thomas E., Chem. Dept., George Peabody College, Nashville, Tenn.
- Thompson, James Lee (Science-Mathematics), Box 121A, TPI, Cookeville, Tenn.
- Torries, Thomas F. (Geology-Geography), Monsanto Co., Columbia, Tenn.
- Wilcox, Dr. John Thomas (Geology-Geography), Box 1561, Sta. B., Vanderbilt Univ., Nashville, Tenn.
- Wise, Sister Ellen Mary (Biology), Sacred Heart High School, 85 N. Cleveland St., Memphis 4, Tenn.

SECTION OFFICERS FOR THE YEAR 1965

Botany Section:

- Chairman: James M. Moore, University of Tennessee, Martin Branch, Martin.
- Vice-Chairman: Sandra Bell, University of Tennessee, Knoxville.
- Secretary: Herman O'Dell, East Tennessee State University, Johnson City.
- Editor: Donald Caplenor, George Peabody College, Nashville.

Chemistry Section:

- Chairman-Secretary: W. T. Smith, Jr., University of Tennessee, Knoxville.
- Editor: H. F. McDuffie, Oak Ridge National Laboratory, Oak Ridge.

Geology-Geography Section:

- Chairman: Harry J. Klepser, University of Tennessee, Knoxville.
- Secretary: Otto C. Kopp, University of Tennessee, Knoxville.
- Editor: Robert J. Floyd, G-5 State Office Building, Nashville.

Mathematics Section:

- Chairman: James F. Key, University of Tennessee, Martin Branch, Martin.
- Secretary: Reginald Mazeris, Tennessee Polytechnic Institute, Cookeville.
- Editor: Edgar D. Eaves, University of Tennessee, Knoxville.

Medical Sciences Section:

- Chairman-Secretary: Murray Heimberg, Pharmacology Department, Vanderbilt Medical School, Nashville.
- Editor: John B. Thomison, Pathology Department, Vanderbilt Medical School, Nashville.

Physics-Astronomy Section:

- Chairman: Leon O. Love, Oak Ridge National Laboratory, Oak Ridge.
- Secretary: Lewis B. O'Kelly, Memphis State University, Memphis.
- Editor: J. O. Younghans, Oak Ridge National Laboratory, Oak Ridge.

Science-Mathematics Teacher Section:

- Chairman: Powell Puckett, Oak Ridge High School, Oak Ridge.
- Vice-Chairman: James Kemp, Tullahoma High School, Tullahoma.
- Secretary: Mrs. Thelma Boynton, Route 3, Pikeville.
- Editor: Mrs. Burt Francis, Isaac Litton High School, Nashville.

Zoology Section:

- Chairman: John M. Mallette, Tennessee Agricultural and Industrial State University, Nashville.
- Secretary: Dan Warmbrod, Memphis State University, Memphis.
- Editor: James T. Tanner, University of Tennessee, Knoxville.

NEWS OF TENNESSEE SCIENCE

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result of working with the scientist, will gain a better understanding of the researcher's needs in terms of library service.

The Burroughs Wellcome Fund of Tuckahoe, New York, has awarded \$100,000 to the Vanderbilt University Medical School to support the Clinical Pharmacology Program under the direction of Dr. John Oates, Assistant Professor of Medicine and Pharmacology. The award, which runs for five years is specifically to support Dr. Oates' work in directing a program of teaching, training, and research, a joint project of the

Departments of Pharmacology and Medicine.

Dr. Oates and his associates have been studying principally the way pharmacologic compounds act in the human body, concentrating their efforts on drugs that relieve hypertension. Much of the work involves carefully controlled studies in which effectiveness of drugs in human beings is tested for the first time.

Before coming to Vanderbilt in 1963, Dr. Oates was senior scientist in clinical pharmacology at the National Heart Institute—a division of the National Institutes of Health. His work there resulted in new knowledge about aromatic amines and about the properties of certain anti-hypertensive and vaso-dilator agents in the body.