

TENNESSEE ACADEMY OF SCIENCE NEW MEMBERS 1990

Vincent Anigbogu	Clarksville	Steve R. Karr	Jefferson City	Pat Perfetti	Chattanooga
Richard Bauer	Murfreesboro	Hamid S. Kasmai	Johnson City	Wilber L. Peterson	Lebanon
Michael W. Bennett	Nashville	Karen L. Kendall-Fite	Murfreesboro	Roger B. Petrie	Oak Ridge
Phillip Bettoli	Cookeville	Donald F. Kendrick	Murfreesboro	E. Ray Phillips	Murfreesboro
Burton W. Bordine	Murfreesboro	F. Ruth Ketron	Johnson City	Donald B. Potter	Sewanee
Wanda Lynn Broyles	Memphis	Jwa-Keun Kim	Murfreesboro	Parris F. Powers	Hendersonville
Linda L. Brunton	Columbia	Jeff R. Knisley	Johnson City	Mary Priestley	Sewanee
Rebecca Calahan	Murfreesboro	Jeff R. Knisley	Johnson City	Red Prudhon	Memphis
Nancy R. Candella	Hermitage	Raymond Kozub	Cookeville	Kenneth Purdy	Cookeville
Bart D. Carter	Knoxville	Marcia J. Kribs	Tullahoma	Sanjin Ranjan	Nashville
Ali J. Chamkha	Cookeville	Richard A. Kribs	Tullahoma	George M. Rawlins III	Clarksville
Carol C. Chandler	Hendersonville	Billie S. Lane	Chattanooga	Joyce C. Rhoten	Chattanooga
Tzyy-Shi Ceri Chang	Memphis	Kate D. Lapczynski	Tullahoma	Linda D. Roberson	Nashville
Clay Charles Cherry	Dover	James B. Layzer	Cookeville	Robert W. Royal	Murfreesboro
Patricia D. Cole	Murfreesboro	Gary J. Lindquister	Memphis	Katherine Royal	Murfreesboro
Linda T. Collins	Chattanooga	Panagiot Linos	Cookeville	Charles A. Rozelle	Clarksville
Sister Mary Colorigh	Nashville	Vista Mahan	Chattanooga	Mohamad Sallah	Cookeville
Rucele Consigny	Nashville	S. Malasri	Memphis	Roger J. Sauve	Nashville
Karen L. Cunningham	Knoxville	Rama I. Mani	Nashville	Jerry E. Sayers	Johnson City
Bruce S. Cushing	Bloomington, IN	Robert L. Marlowe	Chattanooga	Phillip Scheuerman	Johnson City
Virginia Dansby	Murfreesboro	Bonnie P. Marrs	Johnson City	Constance Schmidt	Murfreesboro
Corrine M Darvennes	Cookeville	Stephanie K. Masterson	Knoxville	Annie Selden	Cookeville
Joseph A. Depari	Chattanooga	Donnell McCadden	Nashville	John Selden	Cookeville
William Dotson	Johnson City	Kristine K. McCall	Nashville	Wintfred Smith	Martin
Vivian J. Fielder	Nashville	Mary E. McKelvey	Nashville	Marcia Kay Sossamon	Erwin
Carl A. Freeman	McKenzie	Ed Meadows	Memphis	Wayne E. Stamper	Clarksville
Ray C. Gilbert	Nashville	E. Scott Medlin	Nashville	Stephen J. Stedman	Cookeville
Michael M. Harrison	Harriman	Paul Mgbonyebi	Nashville	Eugene L. Stewart	Athens, GA
John J. Harwood	Cookeville	Mark Allen Miller	Nashville	Charles Stinemetz	Memphis
William K. Hayes	Collegedale	G. Marsh Molen	Cookeville	Daniel R. Tardona	Gatlinburg
Lonnie Haynes	Nashville	Larry W. Morris	Murfreesboro	Ruth Tullis	Memphis
Jolene D. Helm	Johnson City	James Mrotek	Nashville	John Edward Twombly	Woodlawn
Gary D. Henson	Johnson City	Malcolm Muir Jr.	Clarksville	Margaret Venable	Chattanooga
C. Ross Hinkle ..	Kennedy Space Ctr, FL	Abigail Jane Muller	Oak Ridge	Jane S. Wallace	Chattanooga
David D. Holder	Nashville	Donald A. Nelson	Murfreesboro	Robert P. West	Cleveland
Andrea L. Hopkins	Nashville	Albert Edward Ogden	Cookeville	E. Howard Whitaker	Chattanooga
Dennis D. Horn	Tullahoma	Robert L. Osburn	Gallatin	Jonathan S. White	Hermitage
Robert L. Howard	Cookeville	Marcia Lynne Pace	Clarksville	B. Eugene Wofford	Knoxville
Patricia Hull	Nashville	Michael R. Page	Jefferson City	Jane Marie Yantis	Chattanooga
Frank S. Irlinger	Nashville	Deborah T. Palatinus	Harriman	Sangyi Yao	Nashville
Barbara A. Jur	Chattanooga	S.A. Patil	Cookeville	Howard L. Yarbrough	Chattanooga
Elizabeth Kahn-McLuske	Clarksville	Howard V.L. Patrick	Knoxville	Sidney Allen Young Jr.	Signal Mtn.

Tennessee Academy of Science Life Members

Jerry B. Ayers	Cookeville
Jerry M. Baskin	Lexington, KY
Vernon M. Bates	Mena, AR
Richard E. Bergenback	Chattanooga
Dil Mohan S. Bhatia	Clarksville
Robert J. Bradshaw Jr.	Chattanooga
Steven C. Brooks	Knoxville
Carolyn W. Broughton	Berwyn PA
Thomas E. Byrne	Harriman
Habte Giorgis Churnet	Chattanooga
Joseph L. Collins	Norris
James X. Corgan	Clarksville
James E. Deck	Martin
Douglas S. Hall	Nashville
Charles E. Harding	Martin
Michael M. Harrison	Harriman
Arnold M. Heiser	Brentwood
Walter Herndon	Knoxville
Wendell G. Holladay	Nashville
Margaret W. Hougland	Johnson City
Michael L. Kennedy	Memphis
Krishna Kumar	Cookeville
James D. Little	Cookeville
Phillip J. Lorenz	Sewanee
Charles E. Magnuson	College Station TX
E. Joe Middlebrooks	Tulsa OK
Albert L. Myers	Jefferson City
Charles L. Neely	Memphis
Mildred B. Perry	Pittsburg PA
David T. Pitts	Martin
George S. Ramseur	Sewanee
Decatur B. Rogers	Nashville
Abu K. Sarwar	Clarksville
H. Craig Sipe	Glenmont NY
Benjamin P. Stone	Clarksville
Sarah H. Swain	Murfreesboro
Jeff Tassin	Sewanee
Alvin Tirman	Kingsport
Gus Tomlinson	Nashville
Jan Van Eys	Houston TX
Marie B. Ventrice	Cookeville
Alexander C. Wells	Nashville
Katie L. White	Brentwood
Barbara B. Wilbur	Clarksville
J. Larry Wilson	Knoxville
Robert J. Wilson	Memphis
David Yarbrough	Cookeville

OUTSTANDING SCIENCE TEACHERS AWARD

1990 outstanding Science Teachers

EAST TENNESSEE

Fredric George Wetzel
Science Hill High School
Johnson City, Tennessee

MIDDLE TENNESSEE

Joe E. Nunley, Jr.
Riverdale High School
Murfreesboro, Tennessee

WEST TENNESSEE

Ruth Ann Tullis
Germantown High School
Germantown, Tennessee

1990 COLLEGIATE DIVISION AAAS AWARDS

The Tennessee Academy of Science may nominate each year two students to receive an honorary membership in the American Association for the Advancement of Science (AAAS), and a year's subscription to *Science* magazine. The two students also will receive a one year membership in TAS. On the basis of paper presentations at regional Collegiate Division meetings the following students were nominated in 1990.

Barbara Lawson
Tusculum College

Douglas Tatham
Austin Peay State University