

BEST STUDENT PAPER AWARDS OF THE 1995 COLLEGIATE DIVISION MEETINGS

Eastern Region:

- Field Biology--Stephanie French, Maryville College, Maryville, Tennessee ("Effects of Barometric Pressure Changes on the Foraging Activity of Insectivorous bats")
- Biochemistry and Human Biology--Dana Brantley, Maryville College, Maryville, Tennessee ("Apolipoprotein E Synthesis by Transplanted Bone-marrow-derived Cells in Apo E-deficient Mice")
- Chemistry and Physics--Derek Stewart, The University of Tennessee at Chattanooga, Chattanooga, Tennessee ("Curvature of Spacetime Demonstration")
- Psychology--Stephanie Fugate, Maryville College, Maryville, Tennessee ("Working Memory and Mnemonic Strategies Across the Adult Lifespan") and Sandy Akins, Maryville College, Maryville, Tennessee ("Media Influence and Body Image in Women Bodybuilders")
- Overall best paper--Dana Brantley, Maryville College, Maryville, Tennessee ("Apolipoprotein E Synthesis by Transplanted Bone-marrow-derived Cells in Apo E-deficient Mice")

Wester Region:

- James B. Tarter, Union University, Jackson, Tennessee ("Effect of Thiamine Deficiency upon Choline, Creatine, and N-Acetylaspaarticle in the Brain")
- Nicole Nall, Lane College, Jackson, Tennessee ("Localization of Monoclonal Antibodies in Mesoderm and Endoderm Cultures of Chick Embryo Heart")
- Luke Rawlings, Christian Brothers University, Memphis, Tennessee ("M. C. Escher: Regular Division of the Plane")

TENNESSEE VISITING SCIENTIST PROGRAM REQUEST FOR SPEAKERS

Members of the Tennessee Academy of Science are encouraged to register as speakers for the Tennessee Visiting Scientist Program. The program supports visits by scientists, including engineers, physicians, mathematicians, and others, to elementary and middle schools, junior and senior high schools, and community colleges throughout the state. The speakers are provided at no cost to participating schools or the speakers. This service represents a commitment to education by Tennessee's professionals. The Tennessee Visiting Scientist program is an activity of the Tennessee Academy of Science that is administered by the Oak Ridge Institute for Science and Education. Use the following address to obtain additional information or to request forms to register as a speaker with the Tennessee Visiting Scientist Program:

Tennessee Visiting Scientist Program
Science/Engineering Education Division
Oak Ridge Institute for Science and Education
P.O. Box 117
Oak Ridge, TN 37831-0117

RESEARCH GRANTS FOR SCIENCE PROJECTS BY HIGH-SCHOOL STUDENTS

Grants to high-school students in Tennessee for materials and supplies needed for their research projects are funded by the American Association for the Advancement of Science and the Tennessee Academy of Science. To apply for a grant, please provide the following information (no application form is necessary):

1. a statement of the objectives of the project and a detailed list of needed materials and their estimated costs;
2. endorsement by the student's science teacher;
3. a statement indicating intention to report findings of the research in a science fair.

Application deadline in 15 November each year.

Applications should be sent to: Dr. Prem S. Kahlon, Chair
Research Committee, TAS
Tennessee State University
3500 John A. Merritt Blvd.
P.O. Box 1358
Nashville, TN 37209-1561
(Telephone: 615-320-3264)