

## STUDENT PAPER AWARDS OF THE 1997 COLLEGIATE DIVISION MEETINGS

## Eastern Region

- Benjamin Batchelor, Maryville College, Maryville, Tennessee ("Determination of Digestive Rate and Assimilation Efficiency in the Snake Species *Elaphe guttata guttata*")
- Jenni M. Park, Southern Adventist University, Collegedale, Tennessee ("Defining the Niche of *Pityopsis ruthii* Within Its Ecosystem")

## Middle Region

- Biology and Agriscience—Marsha L. Mooney, Middle Tennessee State University, Murfreesboro, Tennessee ("Digestibility of Ensiled Grape Pomace in Ruminants") and Nathan A. Fuller, Middle Tennessee State University, Murfreesboro, Tennessee ("Development and Validation of a Linear Program to Optimize Tennessee Agricultural Operations")
- Chemistry—Chris Smalley, Austin Peay State University, Clarksville, Tennessee ("Spectroelectrochemical Instrument Utilizing a Thin Layer Cell")

## Western Region

- First Place—Christopher D. Moore, Rhodes College, Memphis, Tennessee ("Comparative Physiology and Histology of Frog and Toad Skeletal Muscles"), and Minoli Perera, Christian Brothers University, Memphis, Tennessee ("Cellular Localization of DARPP-32, Which Implicates the Location of D1 Receptors, in the Striatum of Pigeons")
- Second Place—Jason L. Harper, Christian Brothers University, Memphis, Tennessee ("Signal Transduction Mechanisms Involved in Angiotensin II-stimulated Arachidonic-acid Release for Prostanoid Synthesis in Rabbit Aortic Smooth Muscle Cells")
- Third Place—Lynda Starks, Christian Brothers University, Memphis, Tennessee ("Morphological and Zoological Characterization of a Parasitic Nematode in Frogs"), and Rick LaRue, Union University, Jackson, Tennessee ("Synthesis of Cyclopentadienyl Ligands That Can Be Used in the Formation of Catalytic Metal Complexes")
- Fourth Place—R. J. Cardenas, Christian Brothers University, Memphis, Tennessee ("White-blood-cell Nitric-Oxide-Synthase Activity in End-stage Renal Disease"), and Radha K. Gandhi, Christian Brothers University, Memphis, Tennessee ("Effects of Dexamethasone on Macrophage Production of TNF- $\alpha$ ")

**CALL TO THE MEMBERSHIP OF THE TENNESSEE ACADEMY OF SCIENCE  
FOR ITEMS FOR TENNESSEE STATE ARCHIVES**

The Tennessee Academy of Science would like to acquire the following documents pertaining to the Academy for placement in the Tennessee State Archives: programs from annual meetings prior to 1975; Junior Academy documents prior to 1975; Collegiate Division documents prior to 1975; Executive Committee minutes prior to 1975. Other Academy items of historical interest also are requested. Please send items to Sarah H. Swain, Secretary, Tennessee Academy of Science, Department of Biology, Middle Tennessee State University, Murfreesboro, TN 37132.