

GRANTS AWARDED FY-2002/03

February-April 25, 2003

(April 14, 2003 - April 25, 2003)

Ken Currie (Manufacturing Center), "Fleetguard Study/Work Program," \$5,394, Fleetguard, Inc.

Ken Currie (Manufacturing Center), "Center for Manufacturing Research," \$140, Tennessee Higher Education Commission

March 1, 2003 - April 11, 2003

R. L. Kozub (Physics), "Nuclear Physics with Radioactive Ion Beams," \$49,000, U.S. Department of Energy

Satish Mahajan (Electrical & Computer Engineering), "A Single Point Flexible AC Current Meter," \$35,000, Tennessee Valley Authority (through Electric Power Center)

Jiahong Zhu (Mechanical Engineering), "Alloying Effects on Alloy Preparation and Microstructural Features in TbFe₂," \$20,000, Oak Ridge National Laboratory (through Manufacturing Center)

Ken Currie (Manufacturing Center), "Fleetguard/Nelson Customer Focused Technology Planning," \$11,344, Fleetguard, Inc.

Ying Zhang (Mechanical Engineering), "Aluminide Coatings for Power-Generation Applications," \$20,000, Oak Ridge National Laboratory (through Manufacturing Center)

Glen Johnson and Ken Currie (Engineering Administration and Manufacturing Center), "Expanding Innovation Opportunities in Tennessee," \$199,931, National Science Foundation (through Manufacturing Center)

Hong Zhang (Chemistry), "Assessment of Natural Sources (Geological and Vegetation) Mercury Emissions: Speciation, Mechanisms, and Significance," \$15,000, University of Nevada at Reno (through Water Resources Center)

Ken Currie (Manufacturing Center), "Fleetguard Study/Work Program," \$5,143, Fleetguard, Inc.

P. K. Rajan (Electrical & Computer Engineering), "Shipboard Wireless Networking Techniques," \$37,468, Naval Surface Warfare Center (through Manufacturing Center)

Ben Byler (Agriculture), "Tennessee Association FFA Camp Clements Leadership Grant," \$68,490, Tennessee Association FFA/Tennessee Department of Education

Peter Li, Hugh Mills, and Evan Hart (Earth Sciences), "The Impact of Karst on Hydrology and Water Quality in Cookeville--A Pilot Study," \$24,981, Tennessee Department of Environment and Conservation (through Water Resources Center)

February 17, 2003 - February 28, 2003

John Zhu (Mechanical Engineering), "Stoichiometric Effects in AB2 Laves--Continuation," \$35,000, Oak Ridge National Laboratory (through Manufacturing Center)

Donald P. Visco (Chemical Engineering), "Quantitative Structure/Property Relationship (QSAR) for Binding Affinities," \$35,000, Sandia National Laboratories (through Water Resources Center)

(February 3, 2003 - February 14, 2003)

Joe Biernacki, Dale Wilson, Larry Knox, and Sharon Berk (Chemical Engineering, Mechanical Engineering, Earth Sciences, and Water Resources Center), "Microanalysis in Science and Engineering K-12 Education Initiative," \$19,000, National Science Foundation (through Manufacturing Center)

Gene Talbert and Sandy H. Smith (Teacher Education), "Professional Development Schools," \$2,500, Tennessee Department of Education

Glen E. Johnson (Engineering Administration), "College of Engineering Equipment Grant 2002-2003," \$28,954, Tennessee Department of Commerce and Insurance/State Board of Architectural and Engineering Examiners

Michael Harvey (Biology), "Bat Ecosystem Management," \$10,000, Ozark-St. Francis National Forest (through Water Resources Center)