

GRANTS AWARDED FY-2002/03

November, 2002-January, 2003

(January 20, 2003 - January 31, 2003)

Kenneth Currie (Manufacturing Center), "Fleetguard Study/Work Program," (five projects), \$18,584, Fleetguard, Inc.

Jiahong Zhu (Mechanical Engineering), "CAREER: Novel Conductive Oxide Coatings on Metallic Interconnect for Intermediate-Temperature SOFC Application," \$74,164, National Science Foundation (through Manufacturing Center)

Steve Canfield (Mechanical Engineering), "Testing NDE Inspection Equipment on the Boiler-Inspection Robot," \$11,420, ARF, Inc. (through Electric Power Center)

Thomas Roberts and Kenneth Morgan (Biology), "Development of a Regional Guidebook for Evaluation Functions of Wetlands in the Depression Hydrogeomorphic Class Within Central Tennessee," \$15,000, University of Tennessee/Tennessee Department of Transportation (through Water Resources Center)

Virginia Moore and Ken Currie (College of Business and Manufacturing Center), "Small Business Development Center 2003," \$52,628, Tennessee Board of Regents/Tennessee Small Business Development Center (through Manufacturing Center)

Virginia Moore and Ken Currie (College of Business and Manufacturing Center), "Small Business Development Center 2003--ECD Matching Funds," \$19,907, ECD Matching for Tennessee Small Business Development Center (through Manufacturing Center)

James B. Layzer (Cooperative Fishery Research Unit), "Enhancement of Endangered Mussels in Horse Lick Creek," \$10,000, Kentucky Department of Fish and Wildlife Resources (through Water Resources Center)

James B. Layzer (Cooperative Fishery Research Unit), "Maintenance of Captive Populations of Endangered Freshwater Mussels," \$6,000, Tennessee Wildlife Resources Agency (through Water Resources Center)

(January 3, 2003 - January 16, 2003)

Glenn Binkley and Marilyn Musacchio (Facilities & Business Services and Nursing), "Design Costs for New Nursing and Health Services Building," \$492,243, Health Resources and Services Administration

Pritindra Chowdhuri (Electric Power Center), "Feasibility of Electric Power Transport by DC Superconducting Cables in Tennessee," \$96,000, Tennessee Department of Economic & Community Development

(November 18, 2002 - January 2, 2002)

Sastry Munukutla (Electric Power Center), "Center for Electric Power," \$5,600, Tennessee Higher Education Commission

Ken Currie (Manufacturing Center), "Fleetguard Study/Work Program," \$1,702, Fleetguard, Inc.

Francis Otuonye, Ken Currie, Glenn Cunningham, Joseph Biernacki, Fred Vondra, and Mohamed Abdelrahman (Research & Graduate Studies, Manufacturing Center, Mechanical Engineering, Chemical Engineering, Manufacturing & Industrial Technology, and Electrical & Computer Engineering), "Development of a Broad-Based Tennessee Industries of the Future Network," \$73,334, U.S. Department of Energy (through Manufacturing Center and Electric Power Center)

James B. Layzer (Cooperative Fishery Research Unit), "Establishment of Experimental Populations of Endangered Mussels Below Wilson Dam," \$15,000, Alabama Department of Conservation & Natural Resources (through Water Resources Center)

Stephen Canfield (Mechanical Engineering), "Mobile, Remote Platform for Automating Coal-Fired Boiler Inspection Functions," \$32,000, ARF, Inc. (through Electric Power Center)

Joseph Ojo (Electrical & Computer Engineering), "Fault Tolerance and High Performance Control of Generators and Induction Motor Drives in Shipboard Power Systems," \$124,004, Office of Naval Research (through Electric Power Center)

Glenn Cunningham, Jiahong Zhu, and Mark Jackson (Mechanical Engineering), "Stamping and Sealing of Nitride Coated Metal PEM Bipolar Plates," \$99,987, Tennessee Department of Economic & Community Development (through Manufacturing Center)

Shelly D. Painter and Kristen Pennycuff (Curriculum & Instruction), "Child and Adult Care Food Program," \$21,000, Tennessee Department of Human Services

Martha Wells (Water Resources Center), "Chattanooga Creek Hazardous Substance Monitoring Program," \$13,570, University of Tennessee at Chattanooga

(November 4, 2002 - November 15, 2002)

Ben L. Byler (Agriculture), "Agricultural Education Inservice Program," \$13,970, Tennessee Department of Education

Amy K. Knox (Water Resources Center), "Angler Recognition, Safe Release and State Record Fish Publication Assistance," \$9,500, Tennessee Wildlife Resources Agency

Dean Richey, Dolly Gerregano, and Megan Burnette (Curriculum & Instruction and Education Doctoral Studies Program), "Pathways to Family Empowerment Project: An Evaluation of TEIS

and the Impact of Family-Centered Service Delivery," \$49,918, Tennessee Department of Education

Sue Bailey (Human Ecology), "Family and Consumer Sciences Education Grant," \$4,965, Tennessee Department of Education