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4-2012

Quarterly Report: First, Second & Third Quarters of Fiscal Year 2012

University of Tennessee Office of Research

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UARTERLY REPORT

OFFICE OF RESEARCH—FIRST, SECOND AND THIRD QUARTERS OF FISCAL YEAR 2012

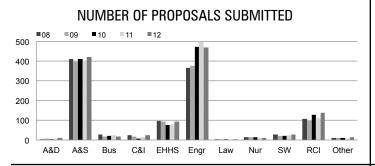
SPONSORED PROPOSALS, AWARDS, AND EXPENDITURES Proposals Submitted, FY 12 Awards Received, FY 12 Sponsored Expenditures % \$ Incr. % \$ Incr. % \$ Incr. Amount Amount Amount No. Senior Management Area No. Requested Over FY 11 Received Over FY 11 Over FY 11 Expended 10 587% -66% 400% Architecture & Design \$3,616,955 4 \$90,626 \$272,614 Arts & Sciences 420 \$111,978,776 -15% 346 \$27,458,229 7% \$20,420,185 -6% \$12,839,095 -43% 30 \$6,025,550 -72% \$6,987,945 -38% **Business Administration** 18 25 \$5,071,710 53% 23 367% Communication & Information \$1,464,284 \$1,784,980 13% Education, Health, & Human 92 \$41,074,311 26% 60 \$10,454,697 -13% \$10,258,894 -6% Sciences Engineering 469 \$164,283,783 -23% 371 \$34,742,386 2% \$30,101,982 -9% Law 1 \$25,402 100% 1 \$25,402 100% -100% Nursing -44% 3 \$651,166 2334% 42% 11 \$4,503,080 \$387,911 Social Work 29 \$3,853,261 -19% 27 \$8,025,671 128% \$5,003,108 -15% Research Centers & Institutes 139 \$71,411,589 -9% 87 \$18,644,923 \$24,037,452 113% 19% Other 15 \$2,369,672 137% 16 -14% \$4,796,867 1% \$711,710 1229 \$98,659,409 -6% Total \$421,027,634 -15% 968 \$113,687,172 3%

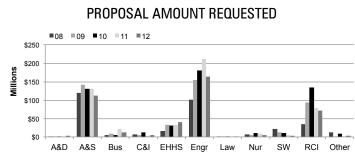
TOP 20 AWARDS				
Investigators (Primary PI First)	Departments, Centers, & Institutes	Project Title	Sponsor	Amount*
Tomsovic, Kevin; Li, Fangxing; Liu, Yilu; Tolbert, Leon; Wang, Fei	Electrical Engineering & Computer Science	ERC for Ultra-Wide Area Resilient Electric Energy Transmission Network	National Science Foundation	\$18,500,000
Kovatch, Patricia; Zacharia, Thomas	Joint Institute for Computational Sciences	XSEDE: eXtreme Science and Engineering Discovery Environment	University of Illinois	\$17,951,009
Zacharia, Thomas	Joint Institute for Computational Sciences	High Performance Computing System Acquisition: Towards a Petascale Computing Environment	National Science Foundation	\$6,497,365
Campbell, Paul; Cunningham, Maryanne	Social Work Office of Research & Public Service	MTSU Tennessee Center for Child Welfare FY 2012	Middle Tennessee State University	\$4,297,983
Cole, Gregory	Institute for a Secure and Sustainable Environment	GLORIAD in Africa	US AID - Higher Education for Development (HED)	\$3,500,000
Brewer, Ernest	Educational Leadership & Policy Studies	Educational Opportunity Center	U.S. Department of Education	\$2,258,265
Rawn, Claudia; Bennett, Richard; Keppens, Veerle; Pionke, Christopher; Russell, Margaret	Materials Science & Engineering	Research and Instructional Strategies for Engineering Retention - RISER	National Science Foundation	\$2,000,000
Loeffler, Frank; Ritalahti, Kirsti	Microbiology	Towards Predictive Understanding of Nitrogen Flux in Soils	U.S. Department of Energy	\$1,464,920
Grzywacz, Robert; Bingham, Carrol; Grzywacz-Jones, Katherine; Riedinger, Leo	Physics	Nuclear Spectroscopy Studies with Radioactive and Stable Ion Beams	U.S. Department of Energy	\$1,305,000
Campbell, Paul; Cheatham, Joanna; Cunningham, Maryanne	Social Work Office of Research & Public Service	Child Care Research and Evaluation FY12 (STARS)	Tennessee Department of Human Services	\$1,304,129
Podar, Mircea	Microbiology	From Genomes to Metabolomes: Understanding Mechanisms of Symbiosis	U.S. Department of Energy - Office of Science	\$1,263,673
Everett, Jerry	Center for Transportation Research	Law Enforcement Liaison Administration Program	Tennessee Department of Transportation	\$1,235,519
Riechert, Susan; Benner, Susan	Center for Enhancing Education in Math & Sciences	VolsTeach Noyce Scholarship & Internship Program	National Science Foundation	\$1,196,592
Wolbers, K.; Cihak, D.; Dostal, H.; McGill-Franzen, A.; Stephenson, B.	Center On Deafness	Development of Strategic and Interactive Writing Instruction (SIWI) for Deaf	Institute of Education Sciences	\$1,156,576
Ponder, Beth	Center For Literacy Studies	LINCS Regional Professional Development Centers Program	U.S. Department of Education	\$1,137,045
Moore, Shirley; Bosilca, George; Dongarra, Jack; Terpstra, Daniel	Electrical Engineering & Computer Science	Institute for Sustained Performance, Energy, and Resilience (SuPER)	U.S. Department of Energy - Office of Science	\$1,075,000
Sorensen, Soren; Read, Kenneth	Physics	Studies of Hot and Dense Nuclear Matter	U.S. Department of Energy	\$1,070,000
Mazur, Peter	Biochemistry and Cellular and Molecular Biology	Aquaporins, Ice Formation in Cells, and Cryopreservation	DHHS - NIH - National Center for Research Resources	\$1,029,153
Kolvitz, Marcia	Center On Deafness	Postsecondary Education Center for Individuals Who are Deaf	California State University Northridge	\$973,489
Wirth, Brian	Nuclear Engineering	A Multiscale Investigation of the Mechanisms Controlling Materials Degradation	U.S. Department of Energy - Office of Science	\$942,090

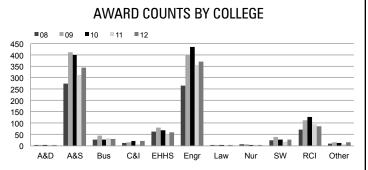
^{*}Anticipated Maximum

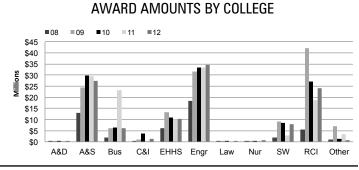
April 2012 http://research.utk.edu

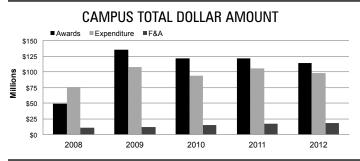
THE UNIVERSITY OF TENNESSEE, KNOXVILLE—OFFICE OF RESEARCH QUARTERLY REPORT FOR FIRST, SECOND AND THIRD QUARTERS OF FISCAL YEAR 2012

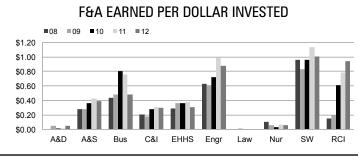


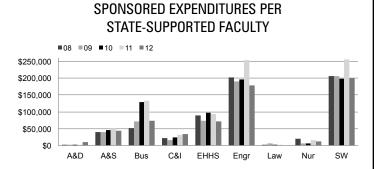


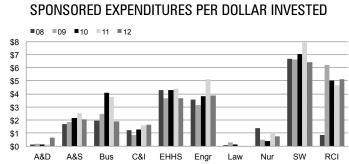


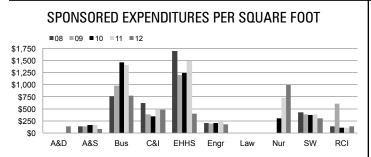


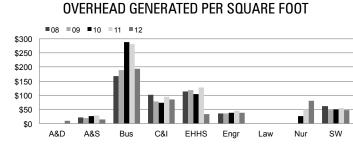












HOW QUARTERLY REPORT DATA ARE DERIVED

Quarterly reports are year-to-date comparisons. For example, the first quarter report is composed of data for the first three months of each fiscal year presented while the second quarter report contains data for the first six months of each fiscal year, and so forth.

Data depicting colleges and major research centers are presented to show trends within each unit.

Proposal and award data are recorded in TERA by the Office of Research.

Expenditure, F&A, University support, and faculty count data are taken from IRIS.

For more detailed information about the origins of this data, visit http://research.utk.edu/reports