Quest
Research • Scholarship • Creative Activity

THE UNIVERSITY of TENNESSEE KNOXVILLE

Quarterly Report

OFFICE OF RESEARCH—FIRST, SECOND, THIRD AND FOURTH QUARTERS OF FISCAL YEAR 2010

SPONSORED PROPOSALS, AWARDS, AND EXPENDITURES

	Proposals Submitted, FY 10			Awards Received, FY 10			Sponsored Expenditures	
Senior Management Area	**No.**	**Amount Requested**	**% $ Incr. Over FY 09**	**No.**	**Amount Received**	**% $ Incr. Over FY 09**	**Amount Expended**	**% $ Incr. Over FY 09**
Arts & Sciences	518	$166,217,029	-21%	439	$38,452,150	5%	$30,282,974	9%
Engineering	594	$248,987,498	14%	482	$50,343,286	27%	$37,122,527	18%
Business Administration	35	$62,785,885	225%	39	$15,971,803	-25%	$15,982,400	61%
Law	2	$401,468	176%	1	$129,468	-11%	$199,371	-44%
Architecture & Design	5	$292,244	48%	5	$170,796	1608%	$114,606	132%
Nursing	17	$10,370,472	-7%	9	$646,511	127%	$152,207	-26%
Social Work	37	$17,695,940	-28%	42	$14,029,993	44%	$8,344,165	4%
Education, Health, & Human Sciences	121	$54,228,440	29%	99	$21,835,971	30%	$13,812,908	-12%
Communication & Information	14	$13,260,385	140%	30	$4,628,655	326%	$1,705,126	47%
Research Centers & Institutes	174	$159,864,328	59%	170	$40,644,240	-12%	$22,356,080	-49%
Other	16	$9,267,724	383%	20	$1,969,938	-73%	$5,224,749	70%
Total	1533	$743,371,413	17%	1336	$188,822,811	6%	$135,297,113	-4%

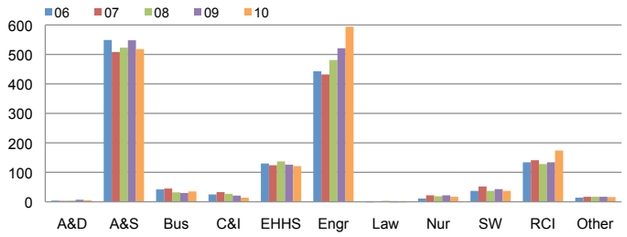
TOP 20 AWARDS

Investigators (Primary PI First)	Departments, Centers, & Institutes	Project Title	Sponsor	Maximum Amount*
Ahern, Sean; Huang, Jian; Klasky, Scott	Joint Institute for Computational Sciences	ARRA: NCS Remote Data Analysis and Visualization Center	National Science Foundation	$10,648,448
Moore, John	Construction Industry Research & Policy Center	Provide Services Supportive of the Wage and Hour Div. of the Employment Standards Adm.	US Dept. of Labor - Financial Services Center/OASAM	$9,275,712
Miller, Alex; Barton, Rhonda; Riblett, John	Center for Executive Education	Continuous Process Improvement in Air Force Acquisition	Air Force	$7,499,619
Heilbronn, Lawrence; Counce, Robert; Dean, David; Nazarewicz, Witold; Papenbrock, Thomas	Nuclear Engineering	Nuclear Structure Theory in Energy Production	DOE-Idaho Operations Office	$3,160,000
Glisson, Charles; Cheatham, Joanna; Dukes, Denzel; Green, Philip; Hemmelgarn, Anthony	Children's Mental Health Service Research Center	Testing an Organizational Implementation Strategy in Children's Mental Health	NIH-National Institute of Mental Health	$3,132,635
Becker, Jeffrey	Microbiology	Peptide-Cell Interactions in Sacchoromyces cerevisiae	NIH - National Institute of General Medical Sciences	$2,699,269
Zacharia, Thomas	Joint Institute for Computational Sciences	High Performance Computing System Acquisition: Towards a Petascale Computing Environment	National Science Foundation	$2,687,748
Zacharia, Thomas	Joint Institute for Computational Sciences	ARRA: Collaborative Research: An EPSCoR Desktop to Teragrid EcoSystem	National Science Foundation	$2,675,331
Abidi, M. Al	Elec. Engr. & Comp. Sci.	Robotic Vision and Sensing	Department of Defense	$2,580,000
Campbell, Paul; Cheatham, Joanna; Cunningham, Maryanne	SWORPS	Child Care Assessment Supportive Services Program	TN Dept. of Human Services	$2,352,000
Cole, Gregory	Office of Research	ARRA: The Taj: A New Model for Global Federated Network Infrastructure for Science and Education	National Science Foundation	$2,293,378
Campbell, Paul; Cunningham, Maryanne	SWORPS	Child Care Research and Evaluation FY11 (STARS)	TN Dept. of Human Services	$2,290,412
Wodarski, John	Children's Mental Health Service Research Center	HIV/AIDS Primary Prevention Program with Caribbean Youth	Substance Abuse & Mental Health Services Adm (SAMSA)	$2,240,730
Richards, Stephen; Flinchum, Deanna; Huang, Baoshan	Center for Transportation Research	University Transportation Center Program Southeastern Transportation Center Rebid	US Dept. of Trans. - Research and Innovative Technology	$2,085,000
Dongarra, Jack; Andrews, Philip	Center for Information Technology Research	Keeneland: National Institute for Experimental Computing	Georgia Tech - Electrical and Computer Engineering	$2,049,000
Kamychkov, Iouri; Bugg, William; Efremenko, Yuri; Handler, Thomas; Siopsis, George; Spanier, Stefan; Ward, Bennie	Physics	Elementary Particle Interactions	US Dept. of Energy - Golden Field Office	$2,005,000
White, Connie	Center for Literacy Studies	Tennessee Reading First Professional Development and Data Support	TN Dept. of Education - Head Start Collaboration Office	$2,000,000
Hayward, Jason	Nuclear Engineering	ARI-MA Research Program in Exploitation of Time-Correlated Signatures and Directionality to Detect Shielded Highly-Enriched Uranium	National Science Foundation	$1,995,713
Irick, David; Madhukar, Madhu	Mechanical, Aerospace & Biomedical Engineering	ITER Magnet Systems Development	UT-Battelle - ORNL	$1,936,699
Bursten, Bruce; Benner, Susan; Rider, Robert; Riechert, Susan	Theory and Practice In Teacher Education	VolsTeach Program	The UTeach Institute	$1,825,000

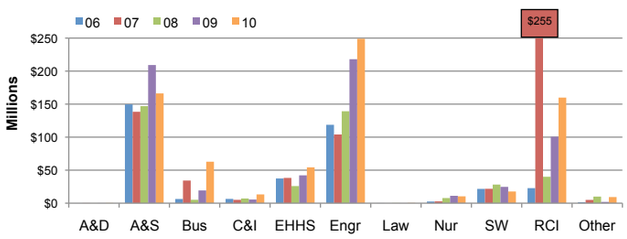
*Anticipated Amount

THE UNIVERSITY OF TENNESSEE, KNOXVILLE—OFFICE OF RESEARCH
QUARTERLY REPORT FOR FIRST, SECOND, THIRD AND FOURTH QUARTERS OF FISCAL YEAR 2010

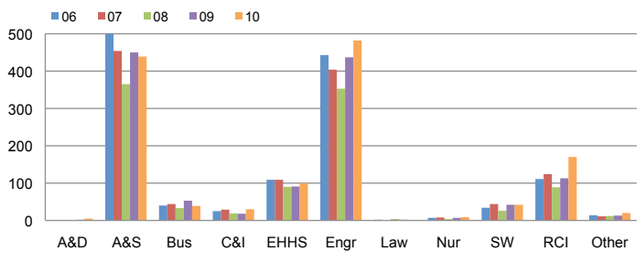
NUMBER OF PROPOSALS SUBMITTED



PROPOSAL AMOUNT REQUESTED



AWARD COUNTS BY COLLEGE



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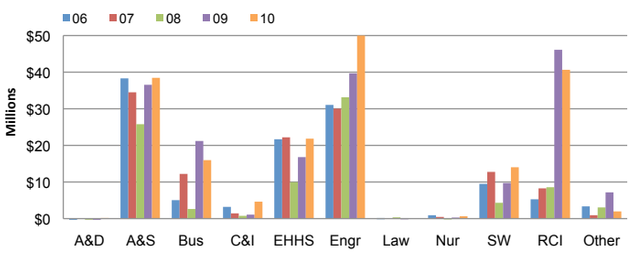
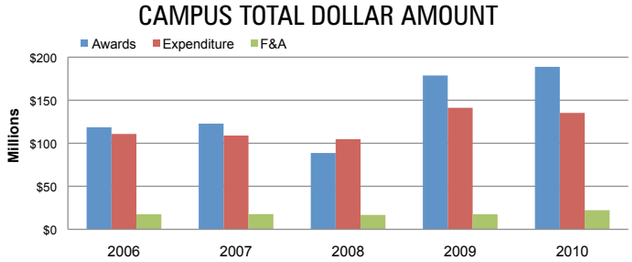
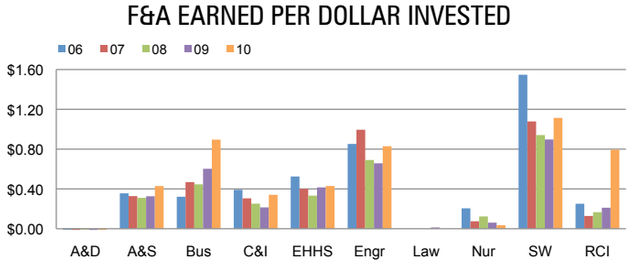


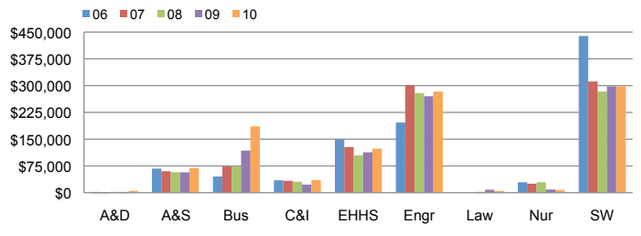
CAMPUS TOTAL DOLLAR AMOUNT



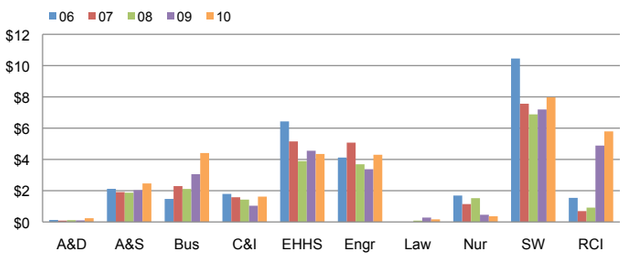
F&A EARNED PER DOLLAR INVESTED



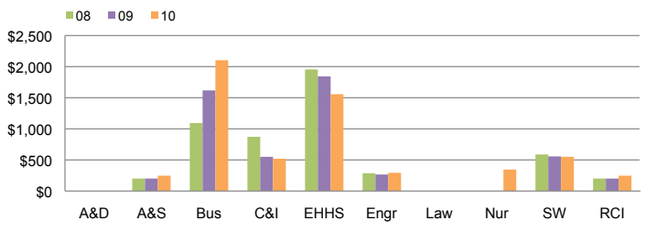
SPONSORED EXPENDITURES PER STATE-SUPPORTED FACULTY



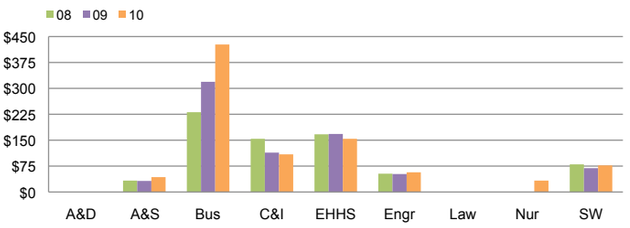
SPONSORED EXPENDITURES PER DOLLAR INVESTED



SPONSORED EXPENDITURES PER SQUARE FOOT



OVERHEAD GENERATED PER SQUARE FOOT



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 Coeus 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**

NOTES

- Starting FY10, UT Space Institute is counted with the Knoxville campus Research Centers and Institutes data.
- The method of counting the number of awards has changed beginning with this report. Awards with zero obligated amounts are no longer counted as awards. As a result, award counts for FY06 - FY09 decreased compared with previously published reports.

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