Quest
Research • Scholarship • Creative Activity

THE UNIVERSITY of TENNESSEE KNOXVILLE

Quarterly Report

OFFICE OF RESEARCH—FIRST AND SECOND QUARTER OF FISCAL YEAR 2013

SPONSORED PROPOSALS, AWARDS, AND EXPENDITURES

	Proposals Submitted, FY 13			Awards Received, FY 13			Sponsored Expenditures	
Senior Management Area	**No.**	**Amount Requested**	**% $ Incr. Over FY 12**	**No.**	**Amount Received**	**% $ Incr. Over FY 12**	**Amount Expended**	**% $ Incr. Over FY 12**
Architecture & Design	2	$77,327	-98%	2	$39,377	97%	$15,124	-94%
Arts & Sciences	241	$54,914,044	-6%	199	$23,434,122	8%	$13,894,968	-4%
Business Administration	16	$2,920,824	-76%	18	$9,502,298	83%	$7,031,659	51%
Communication & Information	17	$3,127,133	-10%	12	$1,283,914	10%	$1,202,123	-5%
Education, Health, & Human Sciences	46	$24,636,373	9%	32	$5,530,161	-43%	$7,358,091	1%
Engineering	302	$106,422,398	23%	267	$26,653,589	5%	$23,905,987	12%
Law	2	$19,995	100%	2	$19,995	100%	$14,009	100%
Nursing	13	$2,232,093	6%	4	$442,246	-32%	$273,513	14%
Social Work	11	$528,682	34%	17	$2,770,136	-63%	$2,842,571	-15%
Research Centers & Institutes	93	$71,610,587	464%	67	$10,518,620	-46%	$12,432,938	-4%
Other	12	$3,073,525	-28%	19	$1,337,675	66%	$4,980,382	24%
Total	755	$269,562,981	31%	639	$81,532,132	-11%	$73,951,365	6%

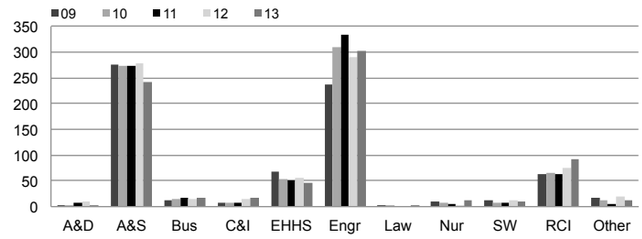
TOP 20 AWARDS

Investigators (Primary PI First)	Departments, Centers, & Institutes	Project Title	Sponsor	Amount*
Sayler, Gary	Joint Institute for Biological Sciences	BioEnergy Science Center, University of Tennessee, Phase II	DOE - UT-Battelle - ORNL	$2,327,370
Brewer, Ernest	Pre-College Enrichment Program	Upward Bound [Pre-College] - Revision 1	US Department of Education	$1,933,160
Brewer, Ernest	Educational Leadership & Policy Studies	Academic Enrichment Upward Bound	US Department of Education	$1,738,440
Brewer, Ernest	Pre-College Enrichment Program	Veterans Upward Bound Program	US Department of Education	$1,579,580
Brewer, Ernest	Pre-College Enrichment Program	Upward Bound Math and Science Program	US Department of Education	$1,485,170
Hazen, Terry	Civil & Environmental Engineering	Deep Sea Basin Microbiology	BP America	$1,320,000
Gaylord, Nan; Skolits, Gary	College of Nursing	Interprofessional Care at the Vine School Health Center (I.C.V.)	DHHS - Health Resources and Services Administration	$1,302,203
Nazarewicz, Witold; Papenbrock, Thomas	Physics	Nuclear Computational Low Energy Initiative (NUCLEI)	DOE - Office of Science	$1,050,000
Qi, Hairong; Cao, Qing Charles; Liu, Yilu; Tolbert, Leon	Electrical Engineering & Computer Science	CPS: Synergy: Achieving High-Resolution Situational Awareness in Ultra-Wide-Area	National Science Foundation	$1,000,000
Greene, Geoffrey	Physics	Experimental Weak Interactions with Pulsed and Continuous Cold Neutrons	US Department of Energy	$900,000
Sarles, Stephen	Mechanical, Aerospace & Biomedical Engineering	Autonomic Biomolecular Materials for Sensing, Actuation, and Energy Conversion	Virginia Polytechnic Institute & State University	$875,000
Tomsovic, Kevin; Djouadi, Seddik; Li, Husheng	Center for Electric Power	CPS: Synergy: A Cyber Physical Framework for Remedial Action Schemes	National Science Foundation	$750,000
Larese, John	Chemistry	Pulsed Neutron Imaging and Diffraction Study of CdZnTe Materials	DOE - National Nuclear Security Administration	$749,512
Mulligan, Geraldine	Center For Literacy Studies	Adult Education Professional Development and Technical Assistance	TN Department of Labor and Workforce Development	$681,445
Wirth, Brian; Maingi, Rajesh	Nuclear Engineering	Diagnostics and Modeling in Support of Boundary Physics Research on NSTX Upgrade	DOE - Office of Science	$675,000
Hauck, Cory; Mezzacappa, Anthony	Mathematics	Optimization-Based Moment Models for Multiscale Kinetic Equations	National Science Foundation	$635,680
Campagna, Shawn; Zinser, Erik	Chemistry	Intracellular DOM: Fate and Flux at the Microbial Nodes of C and N Cycles	National Science Foundation	$600,000
Mays, Jimmy; Fisher, Joy; Miller, Alex	Chemistry	PFI-BIC: Superelastomers: New Thermoplastic Elastomers Based on Multigraft Copolymers	National Science Foundation	$599,999
Nazarewicz, Witold	Physics	Microscopic Description of the Fission Process	National Nuclear Security Administration	$594,000
Wilhelm, Steven	Microbiology	Dimensions: Collaborative Research: Anthropogenic Nutrient Input Drives Genetic	National Science Foundation	$563,036

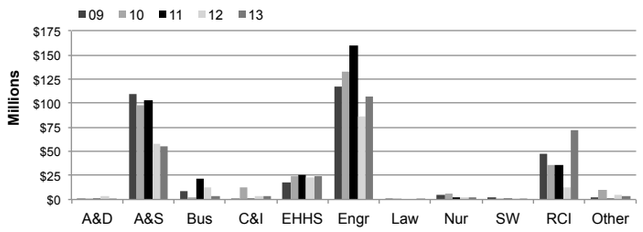
*Anticipated Maximum

THE UNIVERSITY OF TENNESSEE, KNOXVILLE—OFFICE OF RESEARCH
QUARTERLY REPORT FOR FIRST AND SECOND QUARTER OF FISCAL YEAR 2013

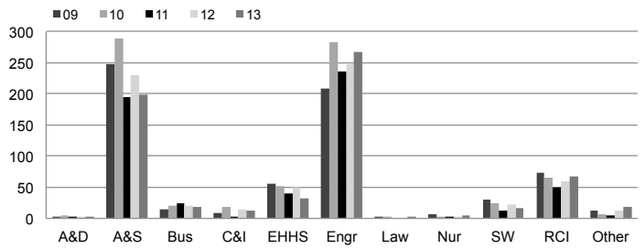
NUMBER OF PROPOSALS SUBMITTED



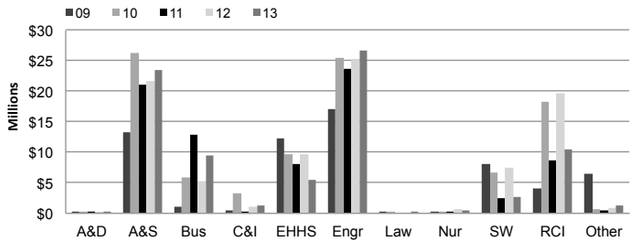
PROPOSAL AMOUNT REQUESTED



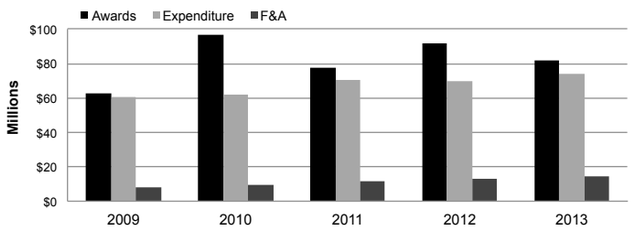
AWARD COUNTS BY COLLEGE



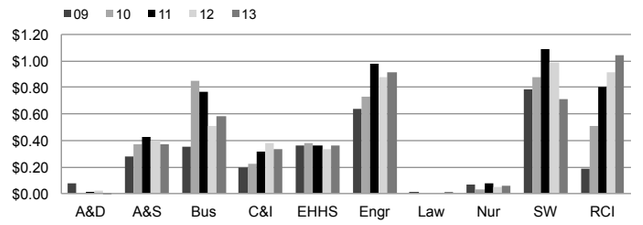
AWARD AMOUNTS BY COLLEGE



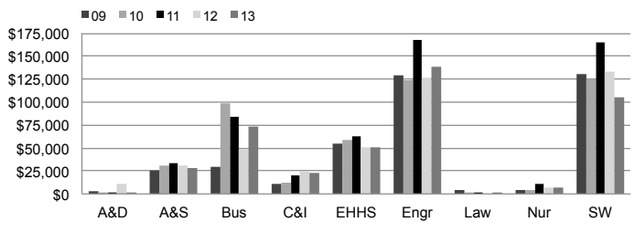
CAMPUS TOTAL DOLLAR AMOUNT



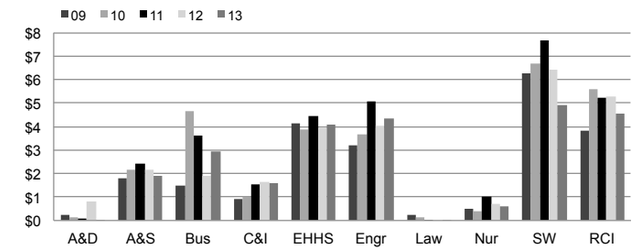
F&A EARNED PER DOLLAR INVESTED



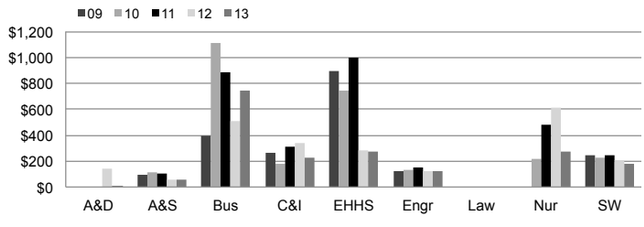
SPONSORED EXPENDITURES PER STATE-SUPPORTED FACULTY



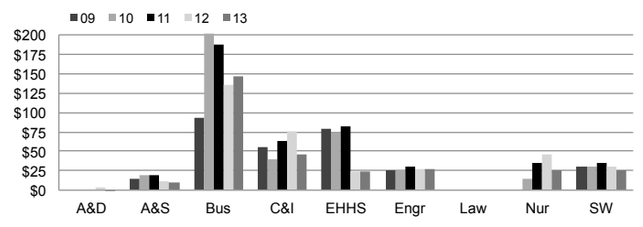
SPONSORED EXPENDITURES PER DOLLAR INVESTED



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 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**

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