

FY 2012

OFFICE OF PARTNERSHIPS & SPONSORED PROGRAMS
ANNUAL REPORT



THE UNIVERSITY of TENNESSEE 
CHATTANOOGA

FOREWORD

Dr. Gregory Heath Assistant Provost for Research & Engagement

It is my pleasure to present the FY 2012 annual report of external funding for the University of Tennessee at Chattanooga. This past year, UTC has again demonstrated its ongoing commitment to research, scholarly pursuit, and civic engagement. A significant and growing number of faculty and staff have invested their time and expertise into cultivating partnerships and pursuing external funding in support of UTC's mission. These investments will continue to pay dividends to our students, our campus, and our community far into the future. The Office of Partnerships and Sponsored Programs is pleased to support these efforts and is proud to present a summary of their accomplishments in this report.



In 2011-2012, UTC saw a marked increase in the amount and variety of submitted external grant proposals. Investigators requested more than \$32 million in funding to support basic and applied research activities, public service programs, scholarships, and academic services for our students. Despite the sluggish economy and a decrease in both public and private grant opportunities, UTC faculty and staff distinguished themselves by successfully competing for and receiving awards of over \$10.1 million. The projects outlined in this report represent a broad scope of national and international research, creative endeavors, educational services, and technological advances. Notably, research awards make up a greater proportion of total funding when compared to last fiscal year, pointing to a resurgence of dedication among our faculty to the pursuit of knowledge and discovery at the highest academic levels. The Office of Partnerships and Sponsored Programs applauds their success.

The publication of this Annual Report is an important reminder to the UTC community and our constituents of the many dedicated individuals who advance the mission of the University through their intellectual pursuits, community service, and institutional advancement. It is my privilege to be associated with such colleagues who manifest commitment and sacrifice in their efforts to promote the scientific, scholarly, pedagogic, and community partnership goals of UT.

Congratulations to the UTC community of faculty, staff, and students who are dedicated to bringing these important resources to our campus.

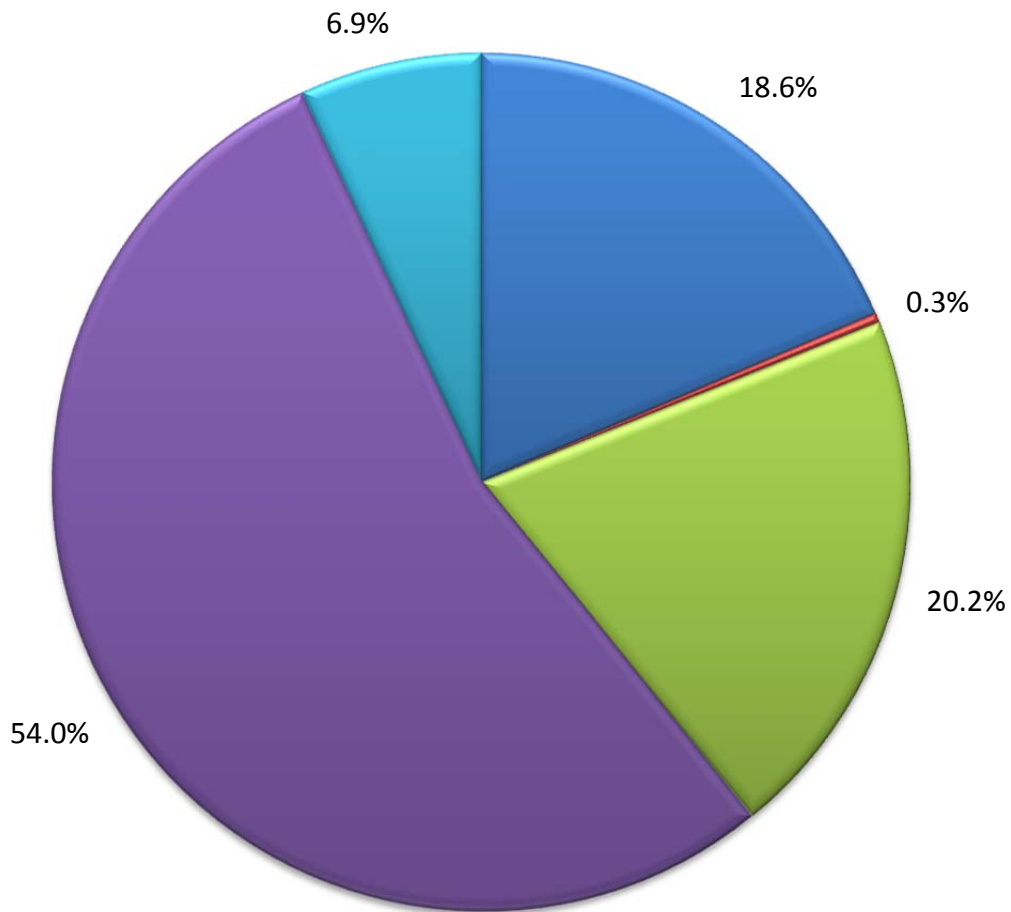
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UTC SPONSORED PROGRAM ACTIVITY

UTC SPONSORED PROGRAM AWARDS FY 2012

Total UTC External Funding: \$10,157,139



■ Arts & Sciences (\$1,885,938)

■ Business Administration (\$34,980)

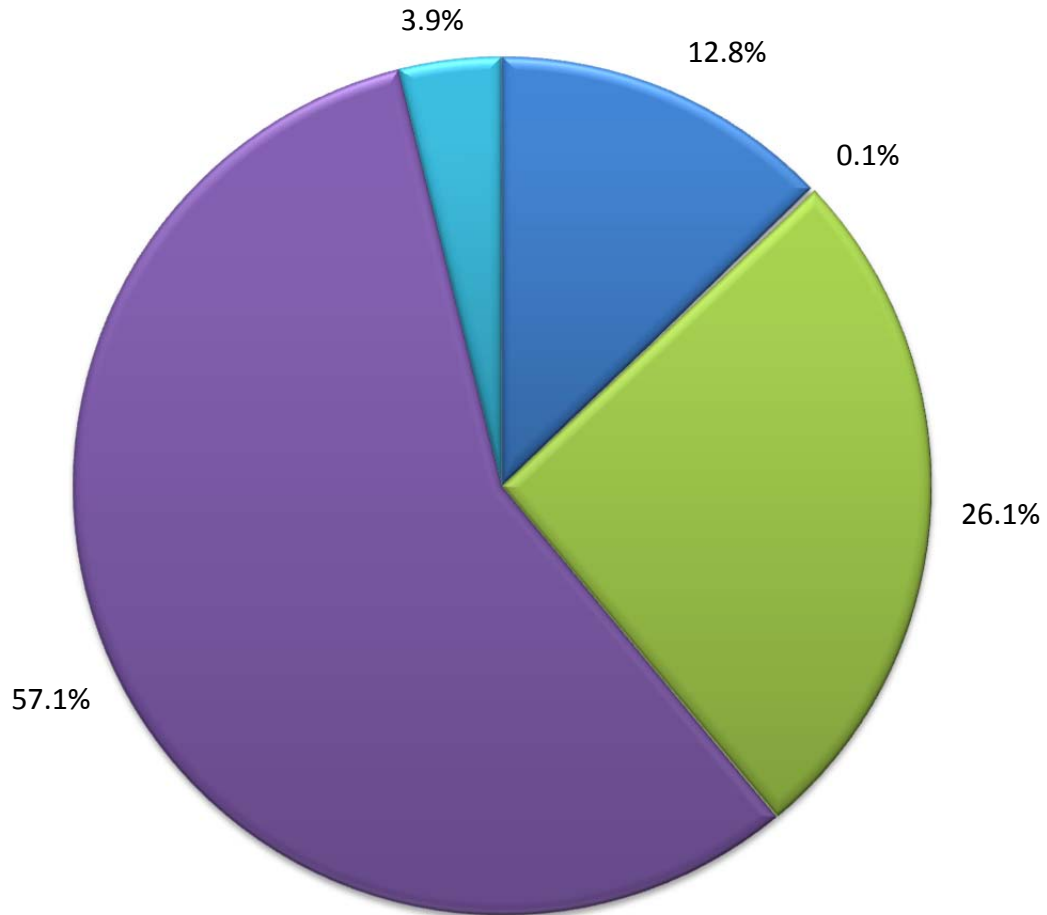
■ Engineering & Computer Science (\$2,056,473)

■ Health, Education & Professional Studies (\$5,480,832)

■ Administrative Units (\$698,916)

UTC SPONSORED PROGRAM PROPOSALS FY 2012

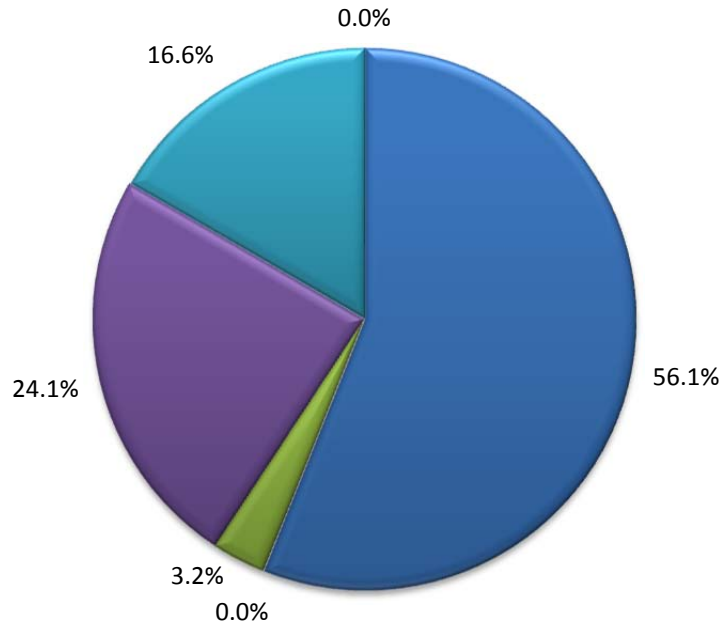
**Total External Funds Requested:
\$32,008,084**



- Arts & Sciences (\$4,090,109)
- Business Administration (\$44,980)
- Engineering & Computer Science (\$8,340,659)
- Health, Education & Professional Studies (\$18,292,473)
- Administrative Units (\$1,239,863)

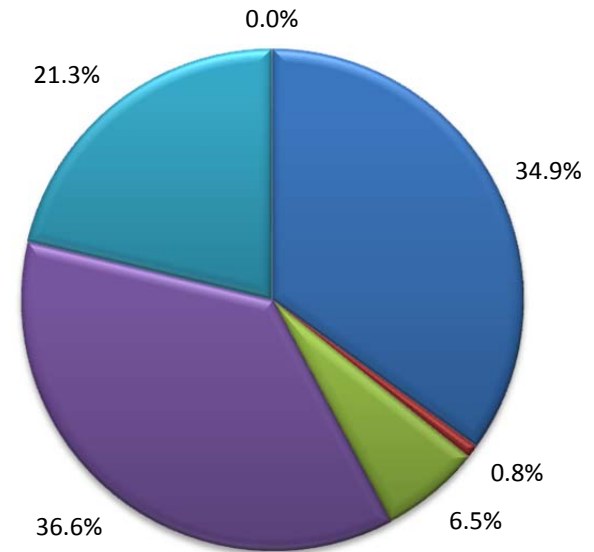
UTC SPONSORED PROGRAMS BY FUNCTIONAL AREA*

FY 2012 Awards by Functional Area



- Academic Services (\$5,695,017)
- Institutional Support (\$0)
- Public Service (\$327,659)
- Research (\$2,444,443)
- Scholarships or Fellowships (\$1,689,720)
- Other (\$300)

FY 2012 Submissions by Functional Area

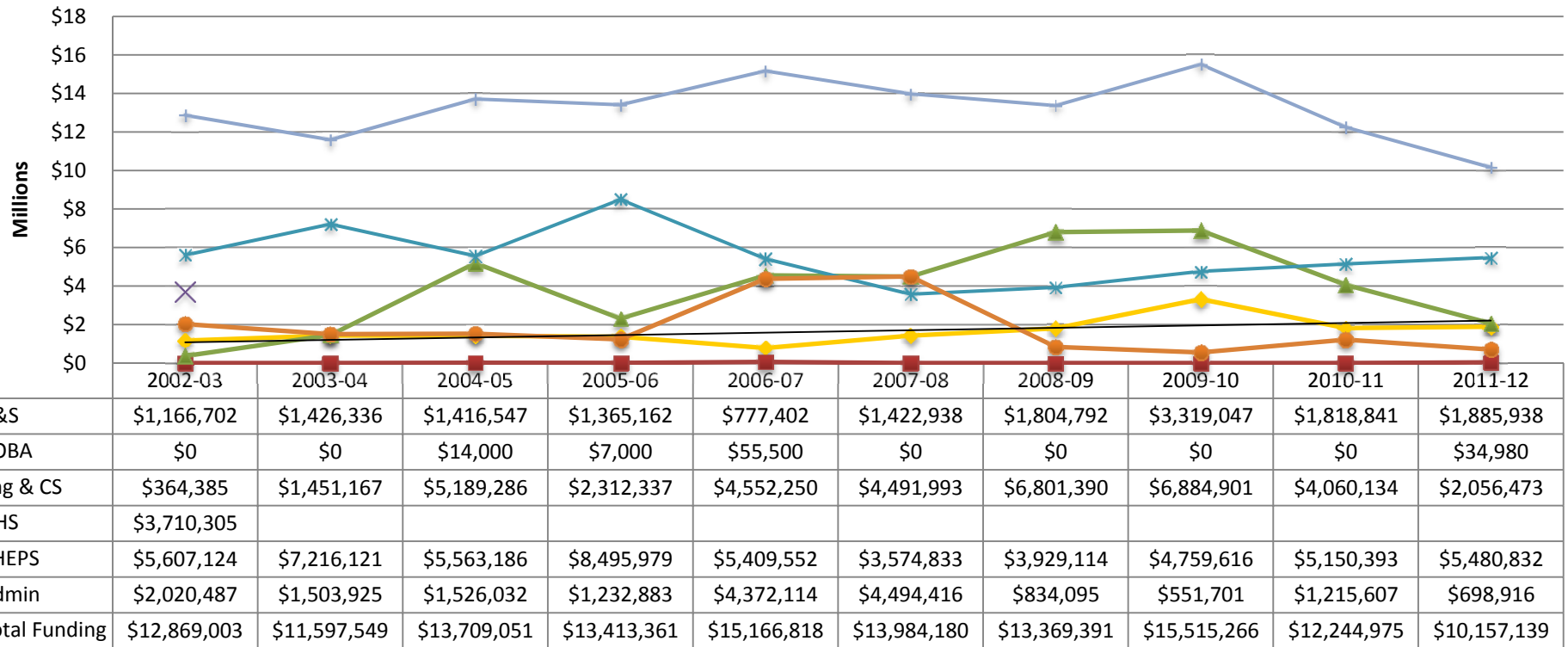


- Academic Services (\$11,175,795)
- Institutional Support (\$260,000)
- Public Service (\$2,067,240)
- Research (\$11,699,323)
- Scholarships or Fellowships (\$6,805,426)
- Other (\$300)

*For Functional Area definitions, see

http://www.utc.edu/Administration/PartnershipsAndSponsoredPrograms/TERA/documents/TERA.PAMS.DefinitionsofFunctionalAreas_000.pdf.

TEN-YEAR FUNDING TRENDS BY COLLEGE, FISCAL YEARS 2003 - 2012



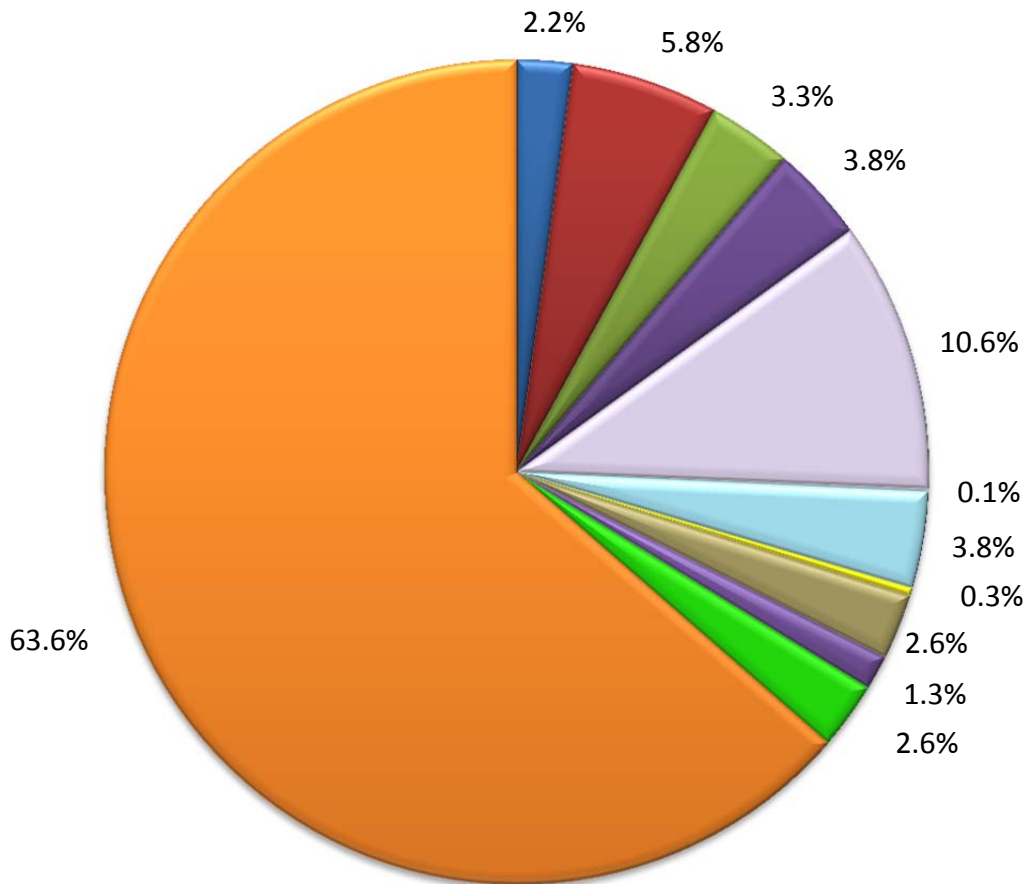
Notes:

A&S = College of Arts & Sciences; COBA = College of Business Administration; Eng & CS = College of Engineering & Computer Science; HHS = College of Health and Human Services; CHEPS = College of Health, Education, and Professional Studies; Admin = Administrative/Other Units. The College of Health & Human Services was disbanded after 2002-03 and its departments incorporated into Arts & Sciences and the College of Health, Education and Professional Studies (formerly the College of Education and Applied Professional Studies).

ARTS & SCIENCES

ARTS & SCIENCES

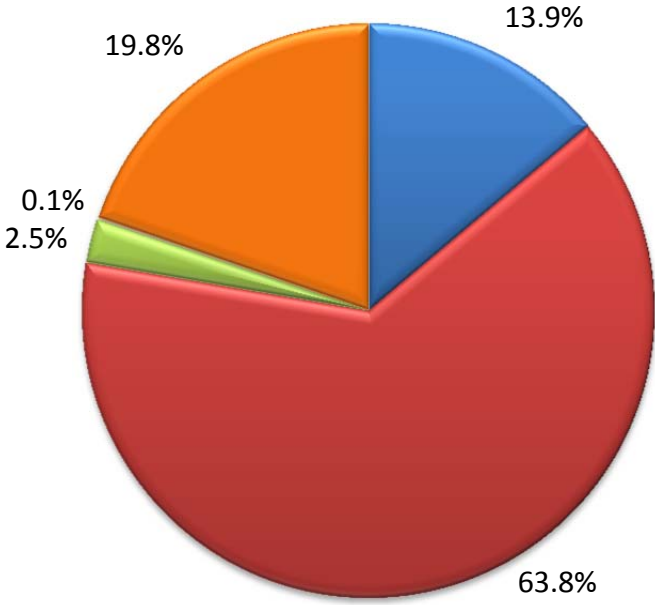
Total CA&S External Funding: \$1,885,938



- Art (\$41,678)
- Biological & Environmental Science (\$108,685)
- Chemistry (\$62,200)
- Criminal Justice (\$70,880)
- English (\$200,009)
- Humanities (\$2,000)
- Mathematics (\$71,555)
- Physics, Geology, & Astronomy (\$5,750)
- Psychology (\$48,286)
- Sociology, Anthropology & Geography (\$25,418)
- Southeast Center for Education in the Arts (\$49,750)
- UTeaChattanooga (\$1,199,727)

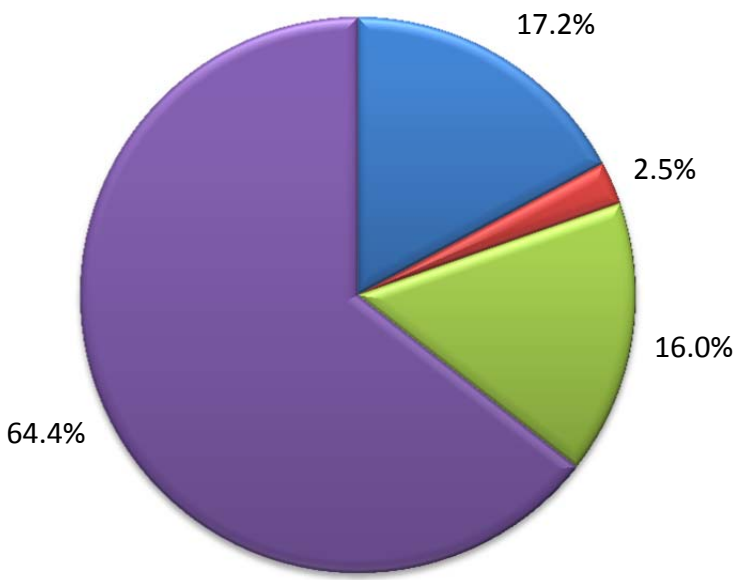
ARTS & SCIENCES

Awards by Source



- Corporations & Organizations (\$262,057)
- Federal (\$1,202,977)
- Local Government (\$46,329)
- Other State (\$2,000)
- State of TN (\$372,575)

Awards by Functional Area



- Academic Services (\$323,664)
- Public Service (\$46,578)
- Research (\$300,969)
- Scholarships or Fellowships (\$1,214,727)

ARTS & SCIENCES

Awards by Department

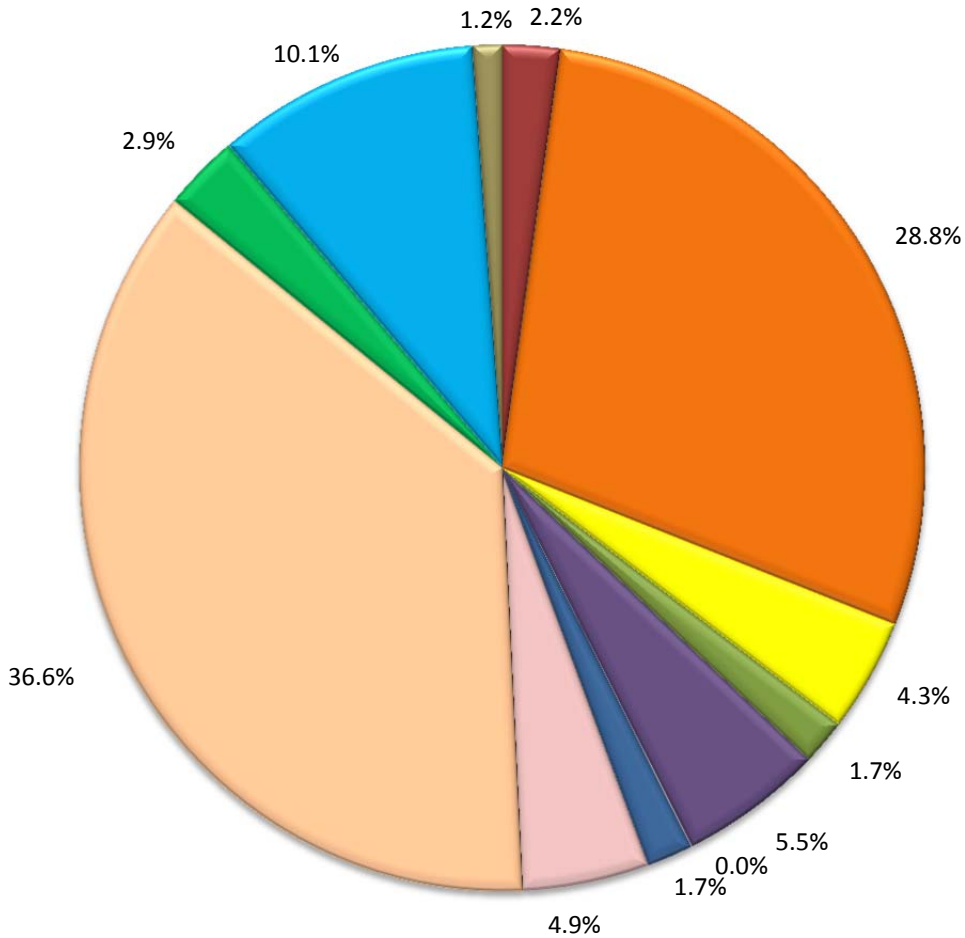
PI/PD	Department	Funder	Title	Amount	FA*
Matt Greenwell	Art	Hunter Museum	Services of Contemporary Curator at Hunter Museum 2011-2012	\$41,678	PS
Hill Craddock	Biological & Environmental Sciences	Dollywood	Continued Funding for Dollywood Graduate Assistantship	\$15,000	SF
Peggy Kovach	Biological & Environmental Sciences	UT Health Science Center	Nanofiber-Based Bone Repair Device	\$29,796	R
Mark Schorr	Biological & Environmental Sciences	City of Chattanooga	Post Stream Restoration for Citico Creek and Friar Branch	\$42,079	R
Joey Shaw	Biological & Environmental Sciences	URS Corporation	Floristic Inventory and Plant Habitat Determination of the Ocoee River Gorge, Amendment 3	\$16,810	R
John Tucker	Biological & Environmental Sciences	Benwood Foundation	Sustainable Food Practices/Slow Foods on Campus 2011-2012	\$5,000	AS
Gretchen Potts	Chemistry	American Chemical Society	Chemistry Concepts for Elementary Students: A Hands-on Approach to Bring Science to the Classroom	\$250	AS
		UT Health Science Center	Transdermal Delivery of Trace Elements by Nanoemulsion Technology as an Alternative to Parenteral Delivery	\$3,500	R
Steven Symes	Chemistry	UT Health Science Center	Nanofiber-Based Bone Repair Device	\$58,450	R
Helen Eigenberg	Criminal Justice	Memorial Health Care System	Adolescent Intimate Partner Abuse (AIPA) Needs Assessment for Hamilton County, Tennessee	\$70,880	R
Lauren Ingraham	English	Tennessee Higher Education Commission	Learning Science Through Writing: Improving Content Knowledge and STEM-related Literacy in Middle and High School Classes	\$197,109	AS
Richard Jackson	English	Allied Arts of Greater Chattanooga	Meacham Writers Workshops 2011-12	\$1,700	PS
		Chattanooga State Community College	Meacham Writers Workshops 2011-12	\$1,200	PS
Wilfred McClay	Humanities	Jack Miller Center	Constitution Day Lecture	\$2,000	PS
Meg Kiessling	Mathematics	Tennessee Higher Education Commission	EXPLORE-ing Middle School Mathematics	\$71,555	AS
Amy Brock-Hon	Physics, Geology & Astronomy	U.S. Geological Survey	Geologic and Geomorphic Mapping of Late Neogene and Younger Sediments in the Eastern Portion of the Overton, NE 7.5 Minute Quadrangle, Nevada	\$3,250	R
Jonathan Mies	Physics, Geology & Astronomy	Chattem, Inc.	Chemical Analyses 2012-13	\$2,500	R

PI/PD	Department	Funder	Title	Amount	FA*
Amye Warren	Psychology	United Way of Greater Chattanooga	Amendment #7 to Services for Project Ready for School and Child Care Consortium 2012	\$41,221	R
Bart Weathington	Psychology	Cleveland State Community College	Assessment Center	\$7,065	R
Nick Honerkamp	Sociology, Anthropology, & Geography	Georgia Department of Natural Resources	Archaeological Survey on Ossabaw and Sapelo Islands, GA	\$2,000	R
Barbara Medley	Sociology, Anthropology, & Geography	Ochs Center for Metropolitan Studies	School Data Domain Comprehensive Gang Model, City of Chattanooga Gang Assessment	\$23,418	R
Joel Baxley	Southeast Center for Education in the Arts	Hamilton County Department of Education	Bookmaking Residency with Third Grade Students at Battle Academy	\$1,200	AS
		Hamilton County Department of Education	Graphic Design Residency with Fifth Grade Students at Battle Academy	\$450	AS
Susan Burgess	Southeast Center for Education in the Arts	Hamilton County Department of Education	Music Residency with Kindergarten Students at Battle Academy	\$600	AS
Laurie Melnik	Southeast Center for Education in the Arts	The Arts Council	Sessions for Art of Creative Teaching Workshop	\$850	AS
Kim Wheatley	Southeast Center for Education in the Arts	Hamilton County Department of Education	Battle Academy Dance Residency December, 2011	\$1,200	AS
		Bradley County Schools	Professional Development Workshops in Music Education	\$800	AS
		Kids on Stage Foundation of Maury County	Mentoring Visits to Mt. Pleasant Middle School of the Visual and Performing Arts 2011-12	\$26,000	AS
		Kids on Stage Foundation of Maury County	Summer 2011 Arts Integration Workshop	\$14,750	AS
		Tennessee Arts Commission	2012 National Arts & Education Forum	\$3,900	AS
Sandy Watson, Steve Kuhn	UTeaChattanooga	National Science Foundation	UTeaChattanooga Noyce Scholarship Program (UNSP)	\$1,199,727	SF
TOTAL				\$1,885,938	

*Functional Areas: AS = Academic Services; R = Research; IS = Institutional Support; PS = Public Service; SF = Scholarships or Fellowships. Awards are listed alphabetically by department then by PI, but many awards represent partnerships across academic units.

ARTS & SCIENCES

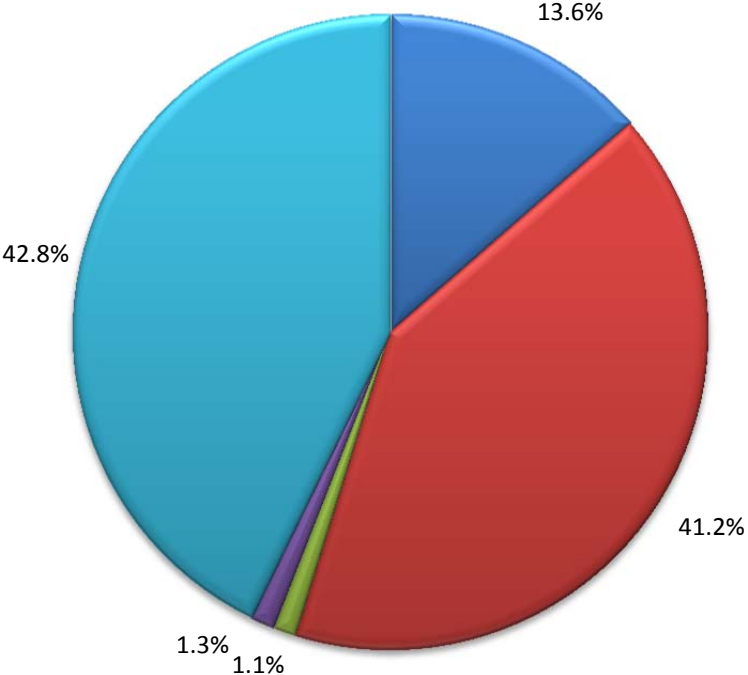
Total CA&S Funds Requested: \$4,090,109



- Art (\$91,146)
- Biological & Environmental Science (\$1,178,038)
- Chemistry (\$176,579)
- Criminal Justice (\$70,880)
- English (\$224,351)
- Humanities (\$2,000)
- Mathematics (\$71,555)
- Philosophy & Religion (\$199,466)
- Physics, Geology & Astronomy (\$1,498,275)
- Psychology (\$119,269)
- Sociology, Anthropology & Geography (\$411,289)
- Southeast Center for Education in the Arts (\$47,261)

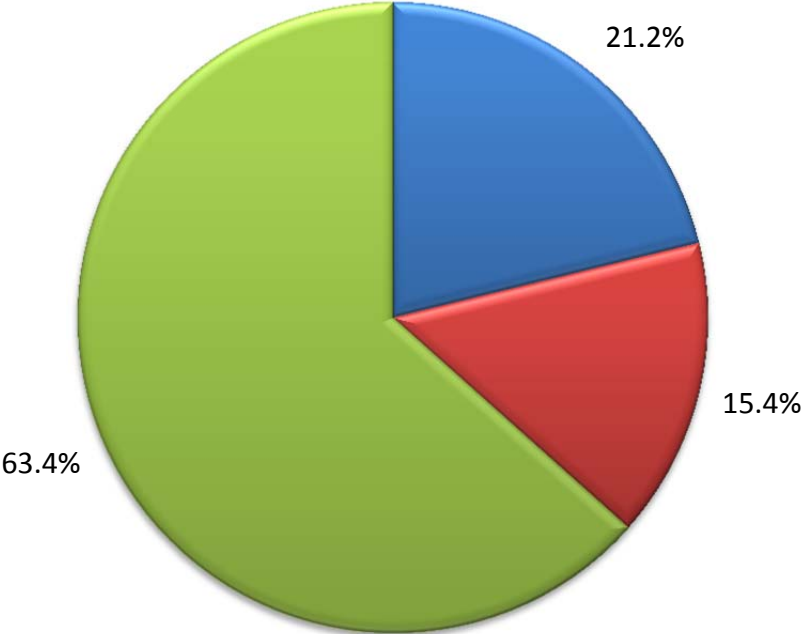
ARTS & SCIENCES

Submissions by Source



- Corporations & Organizations (\$555,937)
- Federal Government (\$1,684,831)
- Local Government (\$46,279)
- Other State Government (\$52,280)
- State of Tennessee (\$1,750,782)

Submissions by Functional Area



- Academic Services (\$866,412)
- Public Service (\$629,861)
- Research (\$2,593,836)

ARTS & SCIENCES

Submissions by Department

PI/PD	Department	Funder	Title	Amount	FA*
Matt Greenwell	Art	Hunter Museum	Services of Contemporary Curator at Hunter Museum 2011-2012	\$41,678	PS
		Hunter Museum	Services of Contemporary Curator at Hunter Museum 2012-2013	\$49,468	PS
José Barbosa	Biological & Environmental Sciences	National Science Foundation	Inquiry-based Learning via Advanced Laboratory Technologies: An Innovative Approach to Cell, Developmental, and Molecular Biosciences Curriculum	\$137,013	AS
Jennifer Boyd	Biological & Environmental Sciences	National Science Foundation	Acquisition of Growth Chambers for Global Change Biology Research and Teaching at UTC	\$208,485	R
		National Fish and Wildlife Foundation	Scutellaria montana Response to Herbivore-mediated Thinning (Preliminary Proposal)	N/A	R
		TN Army National Guard	Invasive Species Survey and Disturbance and Rare Species Impact Assessments in the Tennessee Army National Guard Volunteer Training Sites	\$135,984	R
Loren Hayes	Biological & Environmental Sciences	National Science Foundation	Direct Fitness and Stress Responses in a Group-living Mammal	\$496,207	PS
		National Science Foundation	Living in Groups: Why Breeding Females with Low Reproductive Success Remain Social and Communally Care for Offspring (Preliminary Proposal)	N/A	R
		University of Louisiana at Monroe	U.S. Chile IRES: Intraspecific Variation in the Social Behavior of Chilean Rodents – Ecology, Mechanism, and Fitness	\$50,280	R
Hope Klug	Biological & Environmental Sciences	National Science Foundation	The Operation of Sexual Selection Revisited (Preliminary Proposal)	N/A	R
Mark Schorr	Biological & Environmental Sciences	City of Chattanooga	Post Stream Restoration for Citico Creek and Friar Branch	\$42,079	R
Joey Shaw	Biological & Environmental Sciences	National Science Foundation	Digitization TCN: Collaborative Research: SERNEC – Endemic Flora of the Southeast US: Climate Change, Species Discovery, and Conservation Management	\$85,500	R
		URS Corporation	Floristic Inventory and Plant Habitat Determination of the Ocoee River Gorge, Amendment 3	\$16,810	R
		U.S. Dept. of Interior – Fish and Wildlife Service	The Influence of Light and Soil Moisture Availability on the Flowering of <i>Platanthera integrilabia</i>	\$680	R
John Tucker	Biological & Environmental Sciences	Benwood Foundation	Sustainable Food Practices/Slow Foods on Campus 2011-12	\$5,000	AS

PI/PD	Department	Funder	Title	Amount	FA*
Gretchen Potts	Chemistry	American Chemical Society	Chemistry Concepts for Elementary Students: A Hands-on Approach to Bring Science to the Classroom	\$250	AS
		UT Health Science Center	Transdermal Delivery of Trace Elements by Nanoemulsion Technology as an Alternative to Parenteral Delivery	\$3,500	R
		UT Health Science Center	Development of Transdermal Nanoemulsion Patch of Multi-Trace Elements for Pediatrics	\$22,901	R
Manuel Santiago	Chemistry	Dialysis Clinic, Inc.	End State Renal Disease (ESRD) and Odorant Binding Proteins: A Neurological and Molecular Investigation	\$149,928	R
Helen Eigenberg	Criminal Justice	Memorial Health Care System	Adolescent Intimate Partner Abuse (AIPA) Needs Assessment for Hamilton County, Tennessee	\$70,880	R
Lauren Ingraham	English	Tennessee Higher Education Commission	Learning Science Through Writing: Improving Content Knowledge and STEM-related Literacy in Middle and High School Classes	\$197,379	AS
Richard Jackson	English	Allied Arts of Greater Chattanooga	Meacham Writers Workshops 2011-12	\$2,000	PS
		Chattanooga State Community College	Meacham Writers Workshops 2011-12	\$0	PS
Aaron Shaheen	English	National Endowment for the Humanities	Who is Satan?	\$24,972	AS
Wilfred McClay	Humanities	Jack Miller Center	Constitution Day Lecture	\$2,000	PS
Meg Kiessling	Mathematics	Tennessee Higher Education Commission	EXPLORE-ing Middle School Mathematics	\$71,555	AS
Irv Resnick	Philosophy and Religion	National Endowment for the Humanities	Representations of the 'Other': Jews in Medieval Christendom	\$194,466	AS
Jonathan Yeager	Philosophy and Religion	Louisville Institute	Early Evangelicalism: A Reader	\$5,000	R
		Wabash College Center for Teaching and Learning	The Wabash Center Teaching and Learning Workshop	\$0	SF
Josh Hamblen	Physics, Geology & Astronomy	Research Corporation	Measurements of the Parity Violating Asymmetry in Weak Nucleon-Nucleon Interactions Using Polarized Cold Neutrons	\$35,000	R
Bob Marlowe	Physics, Geology & Astronomy	Middle Tennessee State University	CREST: Collaborative Redesign of Science in Tennessee	\$1,226,048	R
Jonathan Mies	Physics, Geology & Astronomy	Chattem, Inc.	Chemical Analyses 2012-13	\$2,500	R
Kristin Whitson	Physics, Geology & Astronomy	National Science Foundation	A Fluorescence Spectroscopy-Based Approach to Development of an Interdisciplinary Undergraduate Program in Biophysics	\$199,727	AS
		Research Corporation	Investigation of Molecular Interactions and Dynamics in Protein Complexes Using Biophysical Techniques	\$35,000	R
Chris Cunningham	Psychology	UT Health Science Center	Building Internal and External Awareness to Enhance Compassionate Care	\$14,933	R

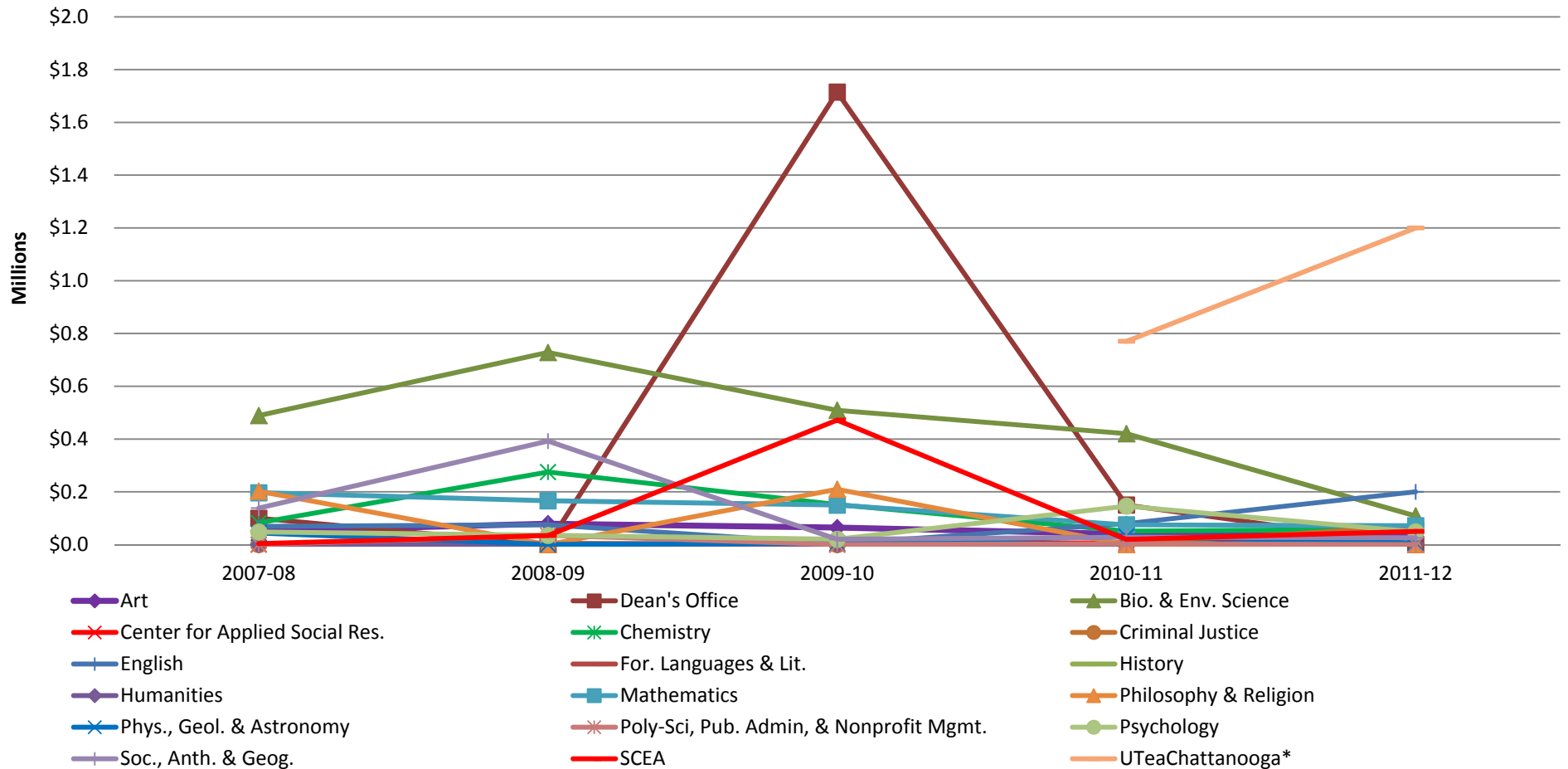
PI/PD	Department	Funder	Title	Amount	FA*
Nicky Ozbek	Psychology	UT Health Science Center	A Randomized, Prospective, Double Blind Trial, Placebo-Controlled Trial of Two Different Doses of Melatonin on Sleep Latency and Duration of REM Sleep on Patients with Uremia-Associated Sleep Disorders	\$55,206	R
Amye Warren	Psychology	United Way of Greater Chattanooga	Amendment #7 to Services for Project Ready for School and Child Care Consortium 2012	\$41,221	R
Bart Weathington	Psychology	Cleveland State Community College	Assessment Center	\$7,065	R
		NATA Research and Education Foundation	Perceptions of Sport Retirement by Current Student Athletes	\$844	R
Zibin Guo	Sociology, Anthropology & Geography	Craig H. Neilsen Foundation	Seated Tai Chi for SCI	\$38,508	PS
Nick Honerkamp	Sociology, Anthropology & Geography	Georgia Department of Natural Resources	Archeological Survey on Ossabaw and Sapelo Islands, Georgia	\$2,000	R
Barbara Medley	Sociology, Anthropology & Geography	Ochs Center for Metropolitan Studies	School Data Domain Comprehensive Gang Model City of Chattanooga Gang Assessment	\$22,500	R
		Community Foundation of Greater Chattanooga	Chattanooga Gang School Assessment Project	\$10,500	R
Shela Van Ness	Sociology, Anthropology & Geography	U.S. Department of Justice	Evaluation of the Parent-Child School Engagement Initiative	\$337,781	R
Joel Baxley	Southeast Center for Education in the Arts	Hamilton County Department of Education	Graphic Design Residency with Fifth Grade Students at Battle Academy	\$450	AS
		Hamilton County Department of Education	Bookmaking Residency with Third Grade Students at Battle Academy	\$1,200	AS
Susanne Burgess	Southeast Center for Education in the Arts	Hamilton County Department of Education	Music Residency with Kindergarten Students at Battle Academy	\$600	AS
Laurie Melnik	Southeast Center for Education in the Arts	UT Health Science Center	Diagnostic Skills and Cultural Understandings in Medical Students and Internal Medicine Residents	\$11,211	R
		The Arts Council	Sessions for Art of Creative Teaching Workshop	\$850	AS
Kim Wheatley	Southeast Center for Education in the Arts	Kids on Stage Foundation of Maury County	Mentoring Visits to Mt. Pleasant Middle School of the Visual and Performing Arts 2011-12	\$26,000	AS
		Bradley County Schools	Professional Development Workshops in Music Education	\$750	AS
		Hamilton County Department of Education	Battle Academy Dance Residency December, 2011	\$1,200	AS
		Tennessee Arts Commission	2013 National Arts and Education Forum	\$5,000	AS
TOTAL AMOUNT REQUESTED:				\$ 4,090,109	

*Functional Areas: AS = Academic Services; R = Research; IS = Institutional Support; PS = Public Service; SF = Scholarships or Fellowships. Awards are listed alphabetically by department then by PI, but many awards represent partnerships across academic units.

ARTS & SCIENCES

FIVE-YEAR FUNDING TRENDS BY DEPARTMENT

FISCAL YEARS 2008 - 2012



*UTeaChattanooga did not exist prior to fiscal year 2011.

BUSINESS

BUSINESS

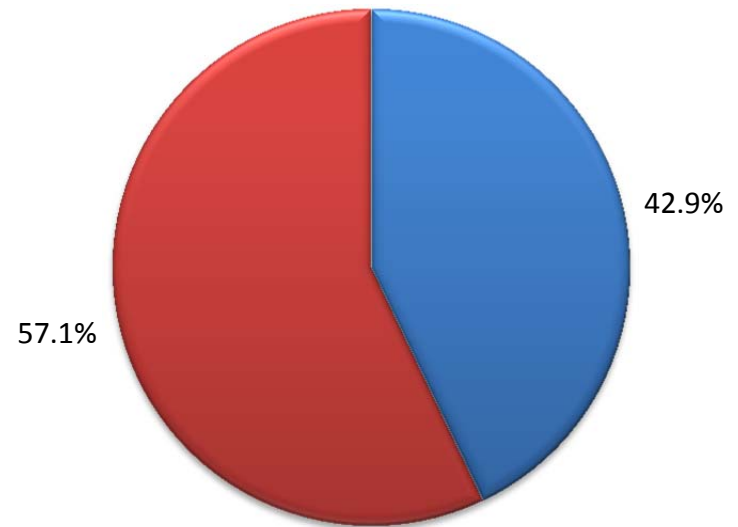
Awards by Source



100.0%

■ Corporations & Organizations
(\$34,980)

Awards by Functional Area



■ Academic Services (\$15,000)

■ Public Service (\$19,980)

BUSINESS

Total COB External Funding: \$34,980
Total COB External Funds Requested: \$44,980

Awards					
PI/PD	Department	Funder	Title	Amount	FA*
Kristina Montague	Dean's Office	Disabled Americans Veterans Charitable Trust	UTC Veterans Entrepreneurial Program	\$15,000	AS
		Community Foundation of Chattanooga	Veterans Entrepreneurship Program	\$19,980	PS
TOTAL				\$34,980	

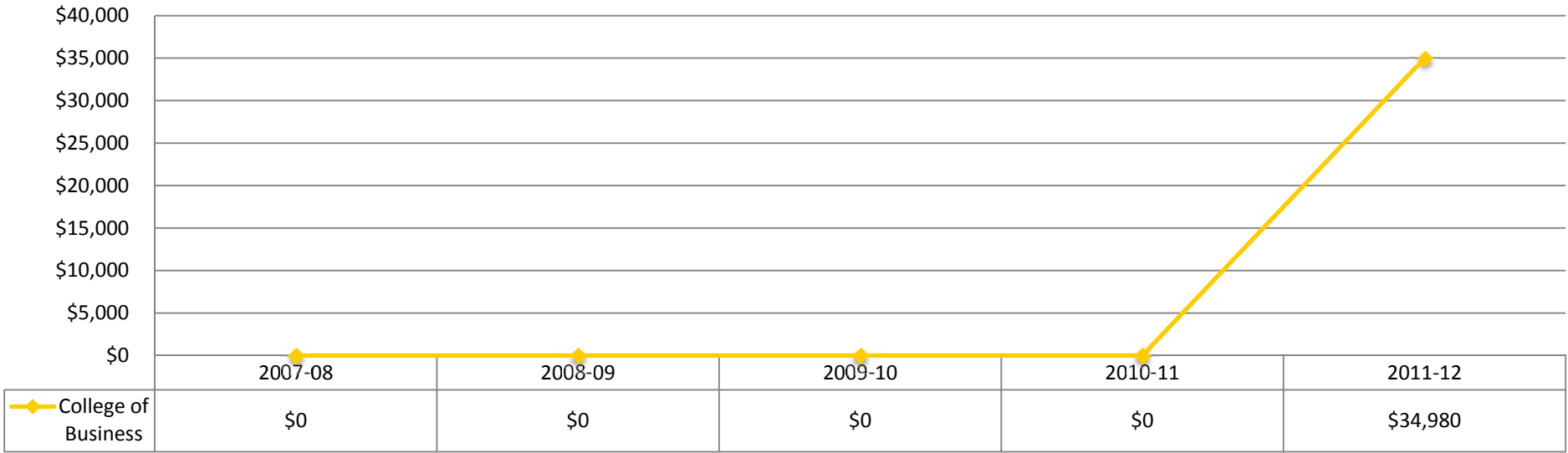
Submissions					
PI/PD	Department	Funder	Title	Amount	FA*
Kristina Montague	Dean's Office	Disabled Americans Veterans Charitable Trust	UTC Veterans Entrepreneurial Program	\$25,000	AS
		Community Foundation of Greater Chattanooga	Veterans Entrepreneurship Program	\$19,980	PS
TOTAL				\$44,980	

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BUSINESS

FIVE-YEAR FUNDING TRENDS

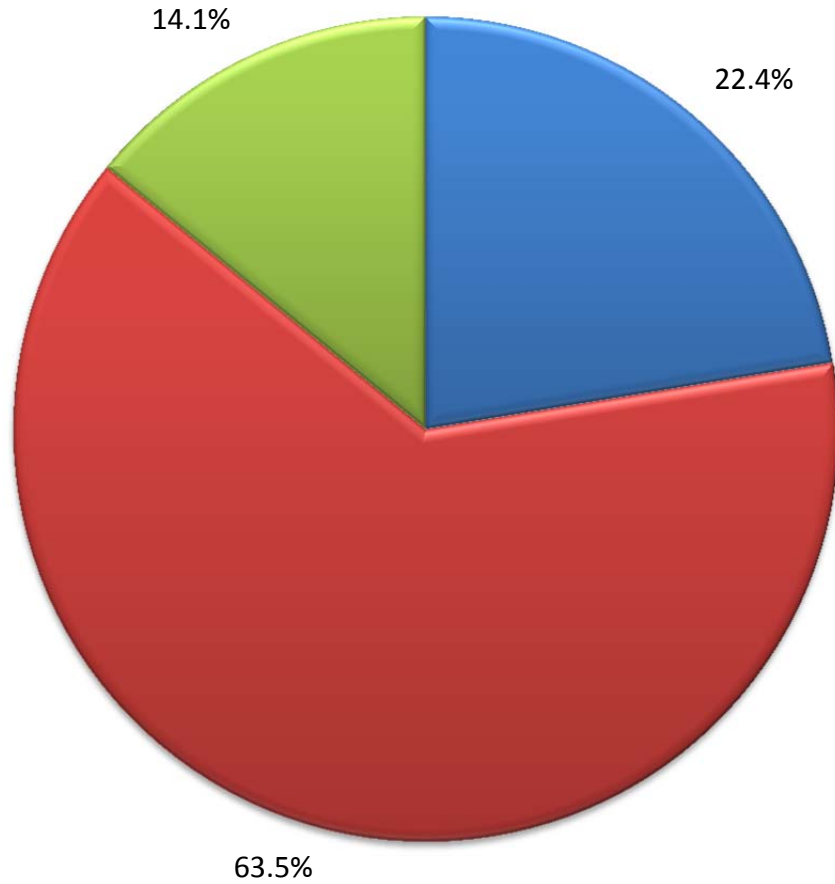
FISCAL YEAR 2008 - 2012



ENGINEERING & COMPUTER SCIENCE

ENGINEERING & COMPUTER SCIENCE

Total CECS External Funding: \$2,056,473



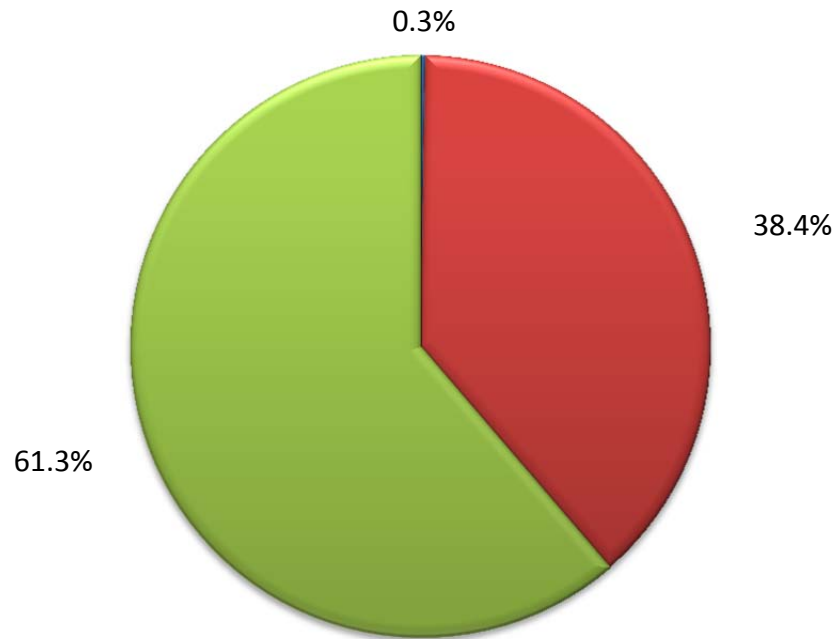
■ Computer Science (\$460,923)

■ Engineering (\$1,306,391)

■ SimCenter (\$289,159)

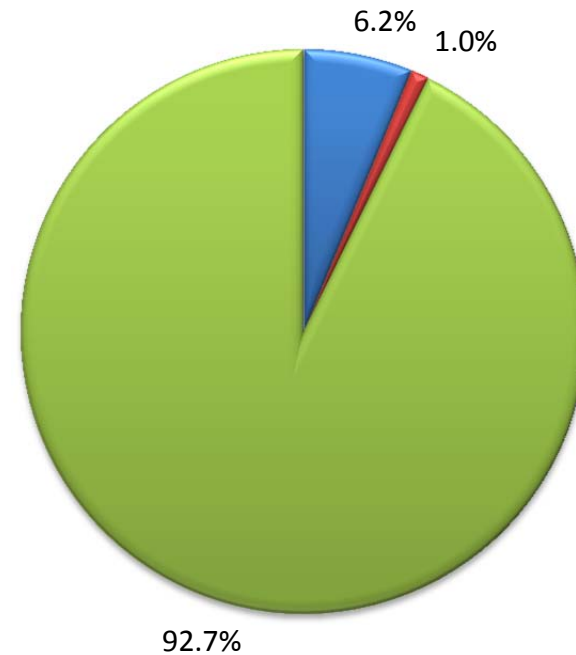
ENGINEERING & COMPUTER SCIENCE

Awards by Source



- Corporations & Organizations (\$5,949)
- Federal (\$790,043)
- State of Tennessee (\$1,260,481)

Awards by Functional Area



- Academic Services (\$128,120)
- Public Service (\$21,486)
- Research (\$1,906,867)

ENGINEERING & COMPUTER SCIENCE

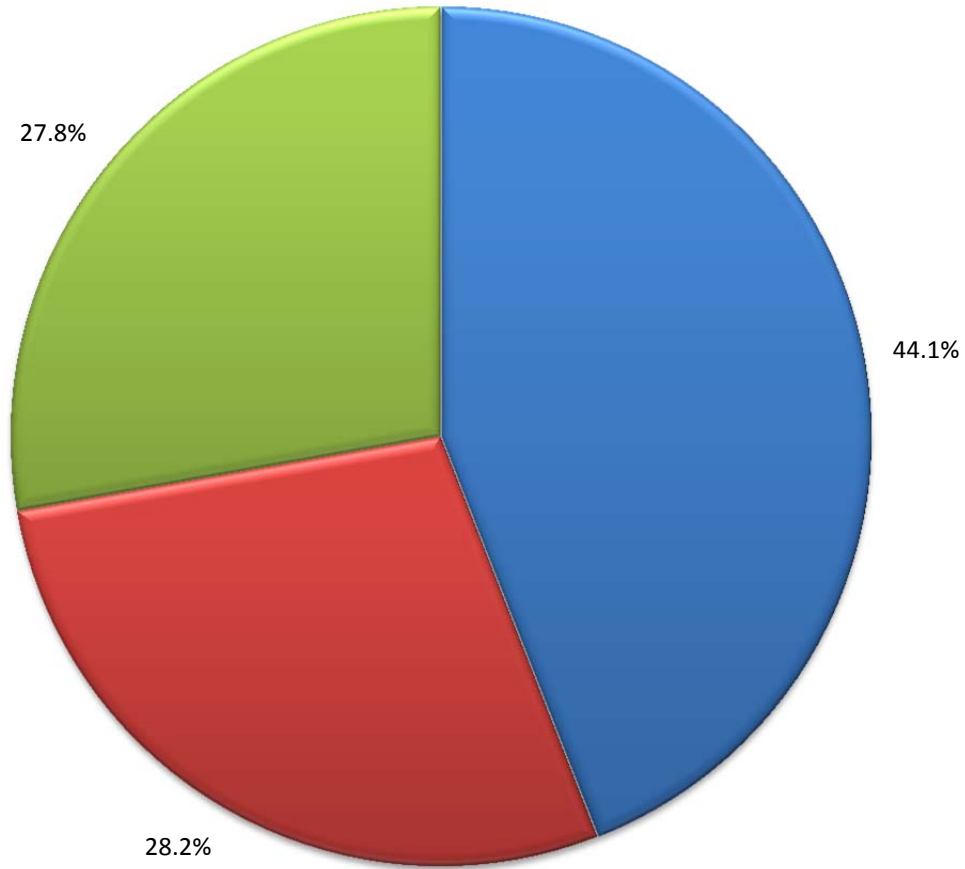
Awards by Department

PI/PD	Department	Funder	Title	Amount	FA*
Yu Cao	Computer Science	National Science Foundation	REU SITE: Research on Biomedical Informatics	\$360,923	R
Li Yang	Computer Science	National Science Foundation	Collaborative Project: Developing Faculty Expertise in Information Assurance Through Case Studies and Hands-on Experiences	\$100,000	AS
Ronald Bailey	Engineering	Tennessee Valley Authority	Continuation of a Collaborative Research Program in Electric Transportation – Task 3: Test Track Pavement Rehabilitation	\$20,910	R
		Tennessee Valley Authority	Continuation of a Collaborative Research Program in Electric Transportation – Task 3 Utilities	\$25,000	R
Frank Jones	Engineering	TN-SCORE (University of Tennessee)	The Use of Nano and Micro Scale Structures to Increase the Efficiency of Biofuels Production	\$18,771	R
Tricia Thomas	Engineering	Tennessee Board of Architectural & Engineering Examiners	Request for Grant Funds for Equipment for Engineering 2012	\$28,120	AS
Mbakisywa Onyango	Engineering	Tennessee Department of Transportation	Mitigating Potholes in Flexible Pavements	\$30,022	R
William Sutton	Engineering	Tennessee Higher Education Commission	Center for Excellence in Applied Computational Science and Engineering	\$1,162,082	R
Cecelia Wigal	Engineering	Tennessee Department of Education	Technology Designed to Benefit (TDB) Year 1	\$21,486	PS
Raziq Yaqub	Engineering	Electric Power Board	Non-disclosure Agreement Concerning Electric Vehicle Charging	\$0	PS
Steve Karman	SimCenter	MSC Software Corporation	Mutual Confidentiality Agreement for Discussion of Mesh Morphing Technology	\$0	R
Ramesh Pankajakshan	SimCenter	Shaw Industries	Analysis and Performance Enhancement of Extraction Slots Using CFD	\$5,949	R
Kidambi Sreenivas	SimCenter	National Science Foundation	Towards First-Principles Based Wake and Wake Interaction Models for Wind Farm Layout Optimization	\$283,210	R
David Whitfield	SimCenter	Westinghouse Electric Company, LLC	CASL University of Tennessee NDA with Westinghouse	\$0	NA
TOTAL				\$2,056,473	

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ENGINEERING & COMPUTER SCIENCE

**Total CECS External Funds Requested:
\$8,340,659**



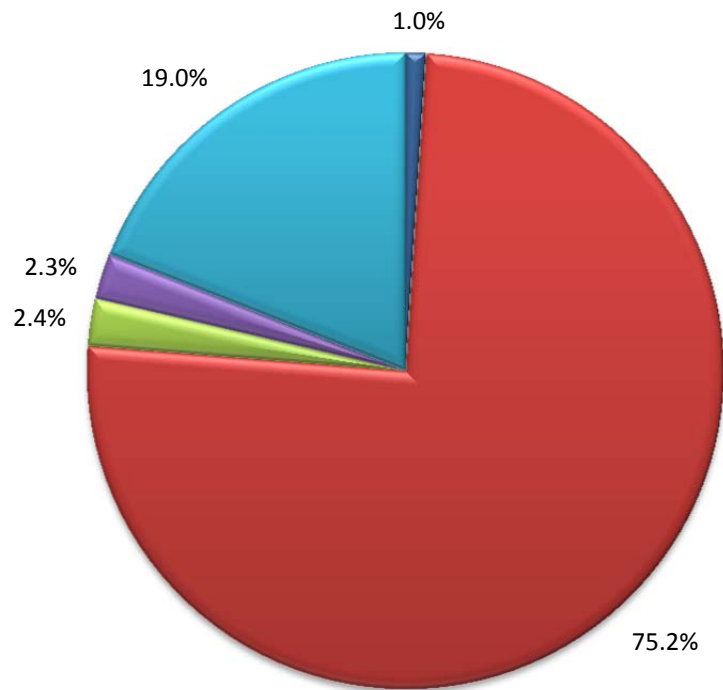
■ Computer Science (\$3,674,267)

■ Engineering (\$2,349,393)

■ SimCenter (\$2,316,999)

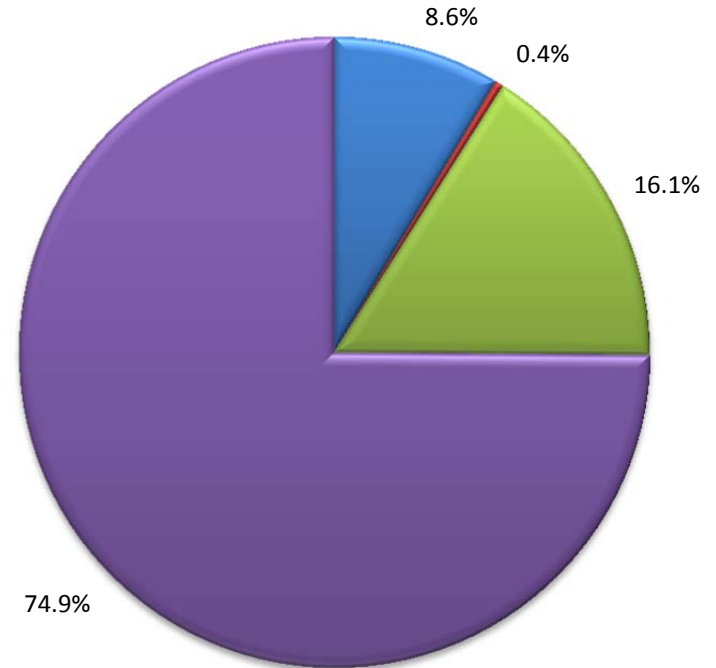
ENGINEERING & COMPUTER SCIENCE

Submissions by Source



- Corporations & Organizations (\$85,806)
- Federal Government (\$6,274,435)
- Local Government (\$200,000)
- Other State Government (\$192,896)
- State of Tennessee (\$1,587,522)

Submissions by Functional Area



- Academic Services (\$714,351)
- Public Service (\$35,000)
- Scholarships or Fellowships (\$1,346,329)
- Research (\$6,244,979)

ENGINEERING & COMPUTER SCIENCE

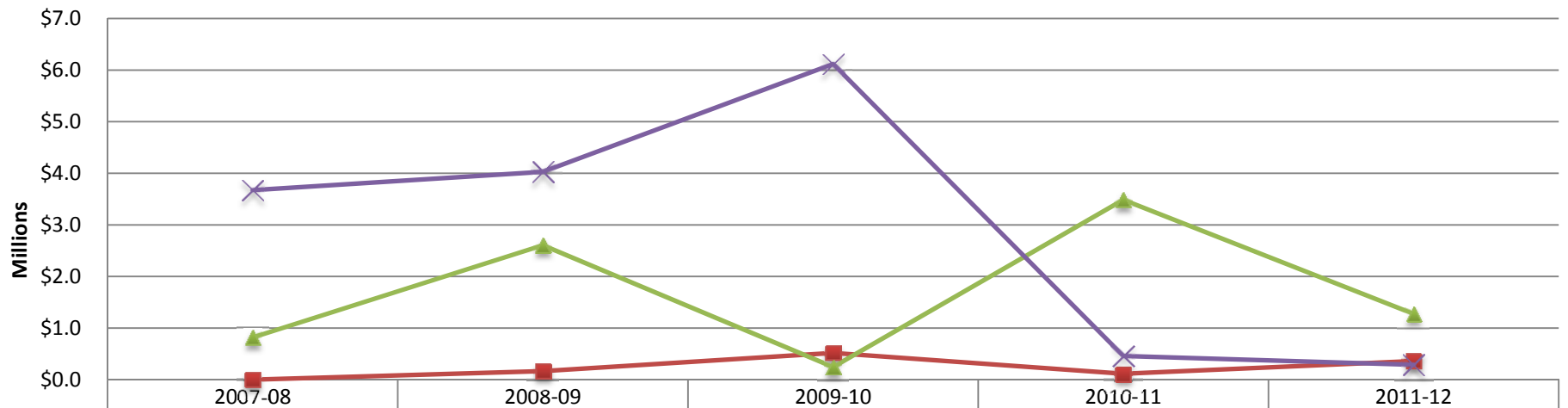
Submissions by Department

PI/PD	Department	Funder	Title	Amount	FA*
Yu Cao	Computer Science	National Science Foundation	CPS: Breakthrough: RUI: Collaborative Research: SEARS	\$213,495	R
		National Science Foundation	CSR: III: Small: Collaborative Research: Data and Network Aware Cross Layer Architecture for Real-time Streaming of Body Sensor Data	\$123,376	R
		National Science Foundation	MRI: Acquisition of HPC-B: A High Performance Computational Infrastructure for Biomedical Informatics Research	\$494,368	R
		National Science Foundation	REU SITE: Research on Biomedical Informatics	\$382,527	R
Mina Sartipi	Computer Science	National Institutes of Health	Tele-Rehab: A Self-Managed Rehabilitation Assessment for Post-Stroke Patients Using iPhone and iPod Devices	\$389,186	R
		National Science Foundation	CIF: Small: RUI: Efficient Data Processing	\$416,232	R
		National Science Foundation	Enhanced Stroke Recovery and Recurrence Prevention using Wearable iPod Touch and iPhone Devices	\$521,050	R
Li Yang	Computer Science	National Science Foundation	Building a Community for Hands-on Security Education (CHOSE)	\$199,999	AS
		National Science Foundation	Collaborative Research: Improving Reliability of Smart Grid Infrastructure Using Resilient Wireless Networks	\$169,274	R
		National Science Foundation	Creating Opportunities for Highly Motivated Computer Science and Computer Engineering Students (COHMCSES)	\$554,779	SF
		National Science Foundation	SFS: Collaborative Research: Capacity Building through Curriculum and Faculty Development on Mobile Security	\$209,981	AS
Ronald Bailey	Engineering	CARTA	CARTA Wayside Inductive Power Transfer System Applied to 30-foot Electric Transit Buses	\$200,000	R
		Tennessee Department of Environment & Conservation	Demonstration of an Energy Plus Building	\$100,000	R
		Tennessee Valley Authority	Continuation of a Collaborative Research Program in Electric Transportation – Task 3: Test Track Pavement Rehabilitation	\$20,910	R
		Tennessee Valley Authority	Continuation of a Collaborative Research Program in Electric Transportation – Task 3 Utilities	\$25,000	R
Ignatius Fomunung	Engineering	University of Georgia	Improving Production of Short Cycle and Cold Hardy Banana in the Southeastern U.S. for Food Consumption, Alternative Energy, Ornamental, etc.	\$192,896	R
Frank Jones	Engineering	TN-SCORE (University of Tennessee)	The Use of Nano and Micro Scale Structures to Increase the Efficiency of Biofuels Production	\$37,790	R
		U.S. Department of Energy	The Use of Microfluidic Technology to Enhance the Efficiency of Biodiesel Production (Preliminary Proposal)	N/A	R

PI/PD	Department	Funder	Title	Amount	FA*
Ed McMahon	Engineering	National Collegiate Inventors and Innovators Alliance	Center for Social Innovation	\$24,500	R
Abdul Ofoli	Engineering	National Science Foundation	BRIGE: Characterization and Management of Energy Storage System for Solar Power	\$174,752	R
Mbakisya Onyango	Engineering	National Science Foundation	Development of an Undergraduate Upper Level Civil Engineering Elective Course on "Green Roads"	\$123,813	AS
		Tennessee State University	Faculty Research Development through Statistical Assessment and Highway Pavement Evaluation on the Impact of HAZMAT Carrying Vehicle Crashes	\$72,092	R
William Sutton	Engineering	Tennessee Higher Education Commission	Center of Excellence in Applied Computational Science and Engineering	\$1,162,082	R
		U.S. Department of Energy	ARPA-E MOVE (Preliminary Proposal)	N/A	R
Tricia Thomas	Engineering	Tennessee Board of Architectural & Engineering Examiners	Request for Grant Funds for Equipment for Engineering 2012	\$29,825	AS
Cecelia Wigal	Engineering	Tennessee Department of Education	Technology Designed to Benefit (TDB) Year 1	\$35,000	PS
Raziq Yaqub	Engineering	Tennessee Higher Education Commission	Physics and Chemistry of Energy Including Environmental and Vocational Education Aspects	\$150,733	AS
		TN-SCORE (University of Tennessee)	Electricity Generation in Electric Vehicles Using Newly Designed Tires with Embedded Piezoelectric	\$0	R
Kyle Anderson	SimCenter	Kord Technologies	Development of Alternative RCS Prediction Techniques	\$55,357	R
	SimCenter	NASA	High-Order Spatial and Temporal Simulations for Turbulent Flows	\$594,859	R
Steve Karman	SimCenter	National Institutes of Health	A CFD Design Approach for Reduction of Failure Rates of Arterial Stents	\$300,000	R
Ramesh Pankajakshan	SimCenter	Shaw Industries	Analysis and Performance Enhancement of Extraction Slots Using CFD	\$5,949	R
		U.S. Department of Energy	Ultra Low Aerodynamic Drag Designs for Class 8 Trucks (Preliminary Proposal)	N/A	R
Kidambi Sreenivas	SimCenter	National Science Foundation	Towards First-Principles Based Wake and Wake Interaction Models for Wind Farm Layout Optimization	\$283,209	R
		U.S. Department of Energy	Breaking the Betz Limit: A Computational Design Approach to Counter-Rotating Wind Turbines (Preliminary Proposal)	N/A	R
William Sutton	SimCenter	U.S. Department of Education	Graduate Student Resources to Support Growth in Computational Engineering	\$791,550	SF
Tim Swafford	SimCenter	U.S. Department of Energy	Bio-Inspired Energy Extraction for Low-Headed Hydrodynamics Applications (Preliminary Proposal)	N/A	R
Robert Webster	SimCenter	National Science Foundation	Investigation of Flow Control Devices for Environmentally Responsible Aircraft	\$286,075	R
TOTAL				\$8,340,659	

*Functional Areas: AS = Academic Services; R = Research; IS = Institutional Support; PS = Public Service; SF = Scholarships or Fellowships. Awards are listed alphabetically by department then by PI, but many awards represent partnerships across academic units.

ENGINEERING & COMPUTER SCIENCE FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2008 - 2012

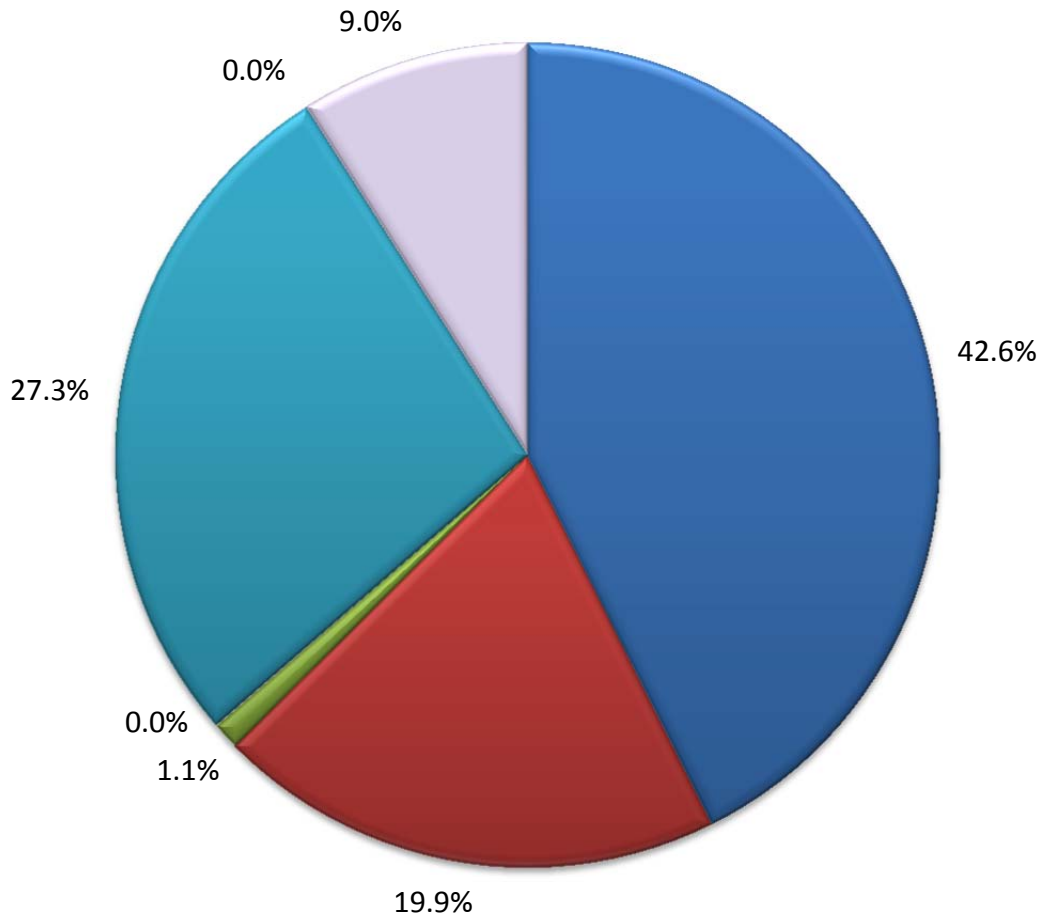


■ Computer Science	2007-08	2008-09	2009-10	2010-11	2011-12
▲ Engineering	\$0	\$165,975	\$519,294	\$114,987	\$360,923
× SimCenter	\$816,518	\$2,606,587	\$245,434	\$3,485,147	\$1,276,369
	\$3,673,475	\$4,028,828	\$6,118,823	\$460,000	\$289,159

HEALTH, EDUCATION & PROFESSIONAL STUDIES

HEALTH, EDUCATION & PROF STUDIES

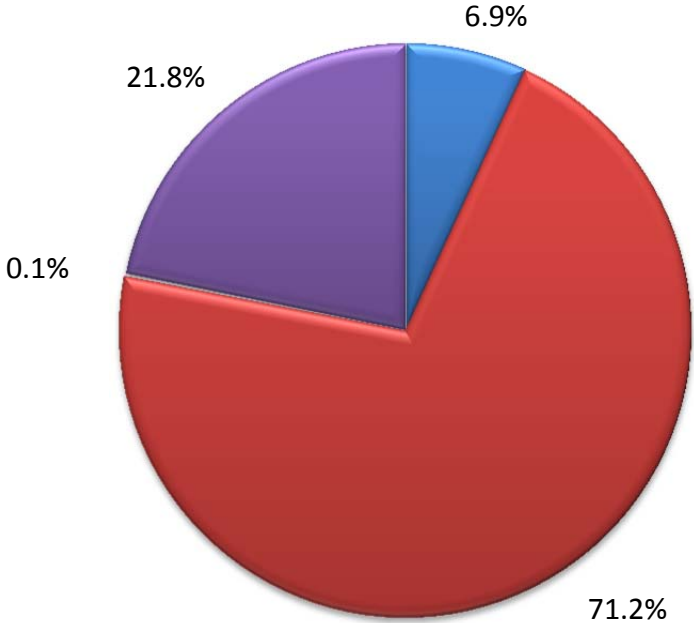
Total CHEPS External Funding: \$5,480,832



- Center for Community Career Education (\$2,335,655)
- Education (\$1,092,123)
- Health & Human Performance (\$58,079)
- Interior Design (\$2,113)
- Nursing (\$1,498,316)
- Physical Therapy (\$1,066)
- Social Work (\$493,480)

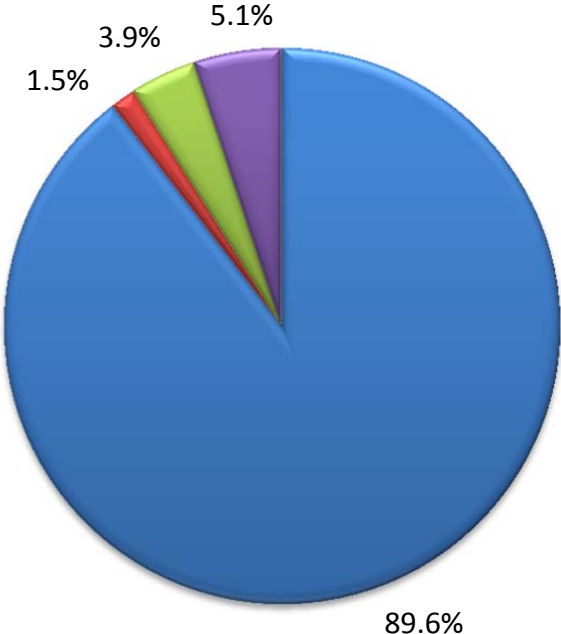
HEALTH, EDUCATION & PROFESSIONAL STUDIES

Awards by Source



- Corporations & Organizations (\$376,544)
- Federal Government (\$3,900,770)
- Local Government (\$7,500)
- State of Tennessee (\$1,196,018)

Awards by Functional Area



- Academic Services (\$4,908,487)
- Public Service (\$81,745)
- Research (\$211,607)
- Scholarships or Fellowships (\$278,993)

HEALTH, EDUCATION & PROFESSIONAL STUDIES

Awards by Department

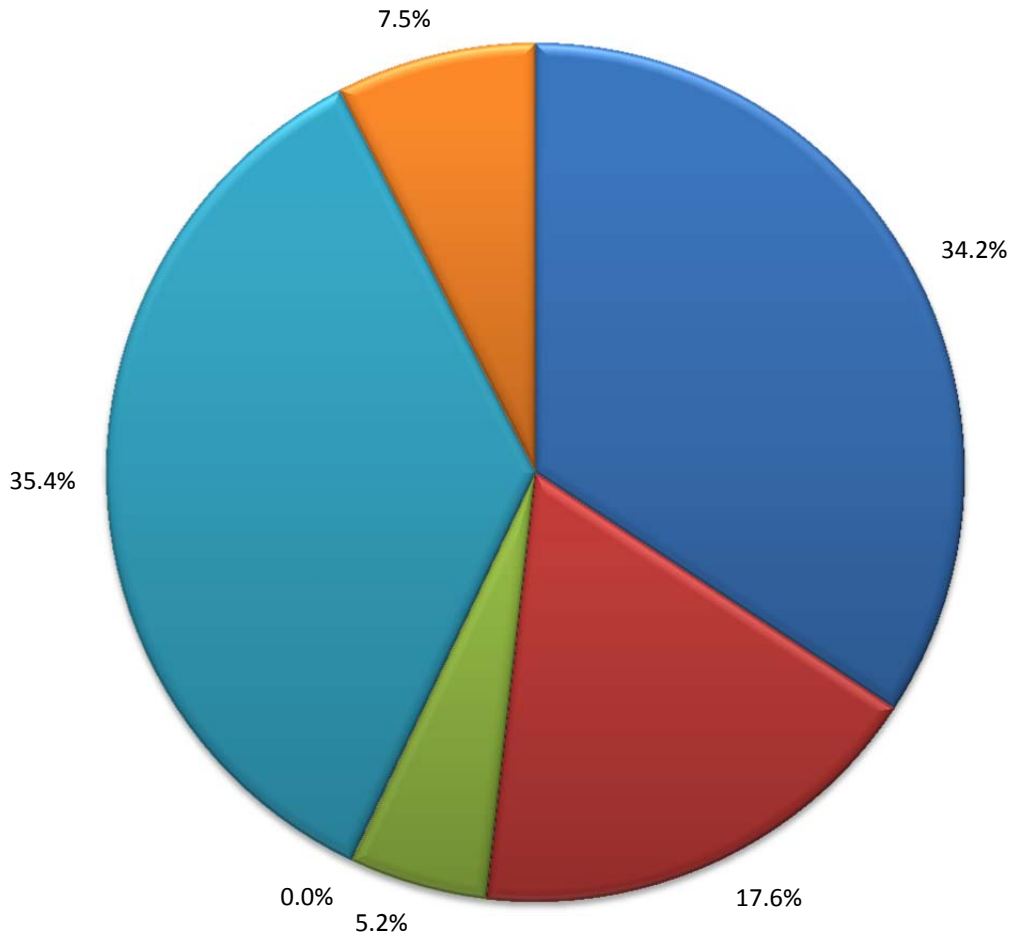
PI/PD	Department	Funder	Title	Amount	FA*
Twyler Boykin	CCCE	U.S. Department of Education	Upward Bound Math & Science 2011-12	\$242,250	AS
Belinda Brownlee	CCCE	U.S. Department of Education	Upward Bound at UTC 2012-2017 Year 1	\$302,271	AS
Sandy Cole	CCCE	Tennessee Higher Education Commission	Each One Reach One	\$95,784	AS
Hunter Huckabay	CCCE	U.S. Department of Education	GEAR UP in Hamilton County 2011-2018 Year 1	\$624,512	AS
		U.S. Department of Education	Hamilton County GEAR UP Year 6	\$537,791	AS
Karen Vann	CCCE	U.S. Department of Education	Educational Talent Search 2011-12	\$230,000	AS
Cynthia Wallace	CCCE	Tennessee College Access and Success Network	Model Grant Program – EOC	\$40,000	PS
		U.S. Department of Education	Educational Opportunity Center 2011-12	\$263,047	AS
Carol Brand	Education	Tennessee Department of Education	Become a Special Educator in Tennessee (BASE TN)	\$75,000	SF
Lucien Ellington	Education	Association for Asian Studies	Education About Asia Journal 2012	\$69,198	AS
		Freeman Foundation	National Consortium for Teaching About Asia - 2012	\$24,497	AS
		Freeman Foundation	National Consortium for Teaching About Asia - 2013	\$24,497	AS
Anne Gamble	Education	U.S. Department of Education	Teachers Helping English Language Proficiency (HELP)	\$362,545	AS
		United Way of Greater Chattanooga	Project Ready for School 2012	\$41,745	PS
Barbara Ray	Education	Tennessee Department of Education	Special Education Early Childhood Institute 2012-2015 Year 1	\$33,036	SF
		Tennessee Department of Education	Special Education Institutes 2012-2015 Year 1	\$119,778	SF
Valerie Rutledge	Education	Community Foundation of Greater Chattanooga	Classroom Behavior Professional Development Program	\$5,000	AS
		Tennessee Department of Education	Governor's School for Prospective Teachers 2012	\$81,380	AS
		Tennessee State University	Strengthening Instruction in Tennessee Elementary Schools – Focus on Mathematics (SITES-M)	\$138,807	AS
		Tennessee State University	Amendment 1 to Summer Activities for SITES-M	\$116,640	AS
Leroy Fanning	Health and Human Performance	Hamilton County Government	Graduate Student Internship at Hamilton County Wellness Center	\$7,500	AS

PI/PD	Department	Funder	Title	Amount	FA*
Gregory Heath	Health & Human Performance	American College of Sports Medicine Foundation	An Acceptability and Usability Trial of the Exercise is Medicine Health Care Provider and Fitness & Health Professional Toolkits	\$20,000	R
Brendon McDermott	Health and Human Performance	Core Cooler Company, LLC	Core Temperature Response when Humans Exercise in the Heat Using the Core Cooler	\$27,209	R
		Drip Drop, Inc.	Comparison of Various Sodium Concentrations of Sports Drinks on Cycling Performance in the Heat	\$3,370	R
Catherine Kendall	Interior Design	Tennessee Board of Architectural & Engineering Examiners	Request for Grant Funds for Interior Design 2012	\$2,113	AS
Cherry Guinn	Nursing	U.S. Department of HHS/HRSA	Applying Knowledge to Practice for Rural Public Health Nurses 2011-12	\$29,998	AS
Kay Lindgren	Nursing	U.S. Department of HHS/HRSA	Advanced Education Nursing Traineeships 2011-2012	\$37,291	SF
		U.S. Department of HHS/HRSA	NEPR – BEE A Nurse 2010-13 Year 2	\$303,883	AS
		U.S. Department of HHS/HRSA	NEPR BSN Gateway 2011-12	\$284,890	AS
		U.S. Department of HHS/HRSA	Nursing Workforce Diversity – Dreamwork 2011-12	\$376,536	AS
		U.S. Department of HHS/HRSA	Scholarships for Disadvantaged Students: Nursing Baccalaureate	\$4,808	SF
		U.S. Department of HHS/HRSA	Scholarships for Disadvantaged Students: Nursing Graduate 2011	\$8,014	SF
Chris Smith	Nursing	Memorial Health Care System	Shared Nursing Researcher Position	\$161,028	R
Miriam Zwitter	Nursing	U.S. Department of HHS/HRSA	Get Healthy Project (GHP) Year 1	\$291,868	AS
David Levine	Physical Therapy	U.S. Department of HHS/HRSA	Scholarships for Disadvantaged Students: Physical Therapy Graduate 2011	\$1,066	SF
Amy Doolittle	Social Work	Middle Tennessee State University	BSW Stipend and Resource Parent Training 2011-2014	\$493,480	AS
TOTAL				\$5,480,832	

*Functional Areas: AS = Academic Services; R = Research; IS = Institutional Support; PS = Public Service; SF = Scholarships or Fellowships. Awards are listed alphabetically by department then by PI, but many awards represent partnerships across academic units.

HEALTH, EDUCATION & PROF STUDIES

**Total CHEPS External Funds Requested:
\$18,292,473**



■ Center for Community Career Education (\$6,264,095)

■ Education (\$3,216,174)

■ Health & Human Performance (\$954,150)

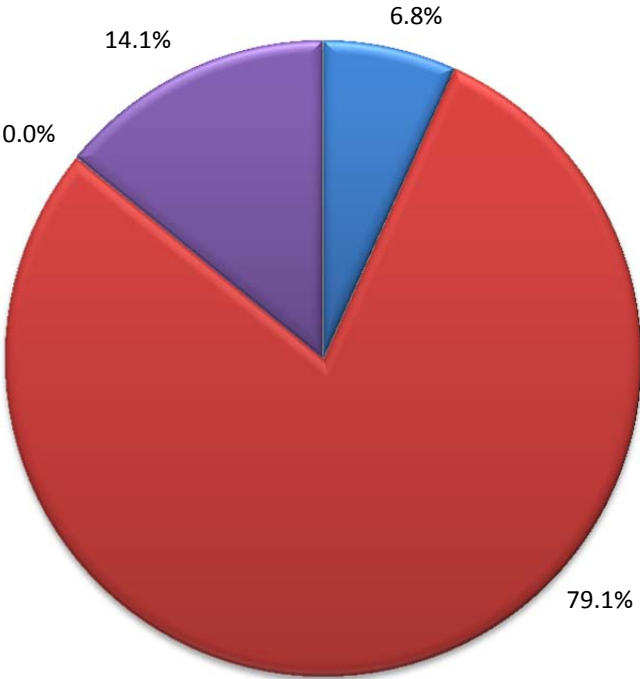
■ Interior Design (\$4,945)

■ Nursing (\$6,472,155)

■ Physical Therapy (\$1,380,954)

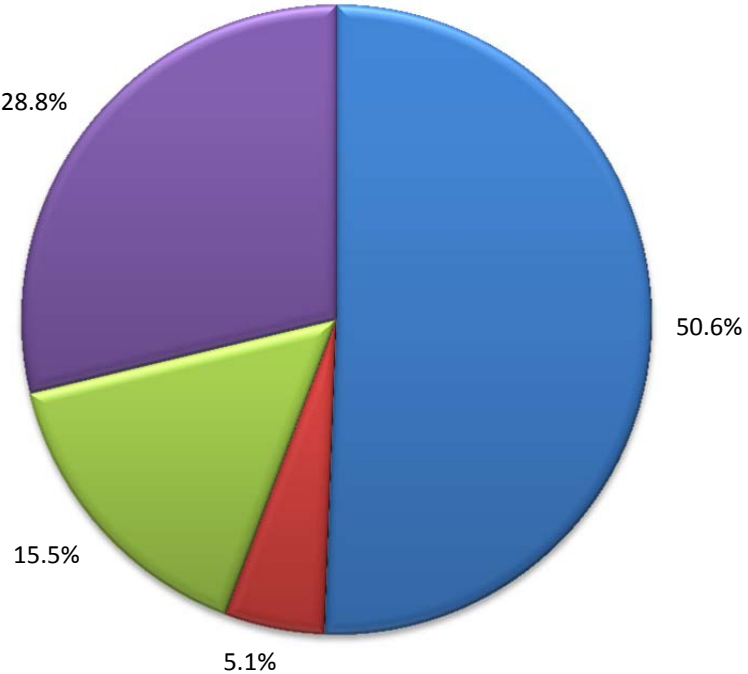
HEALTH, EDUCATION & PROFESSIONAL STUDIES

Submissions by Source



- Corporations & Organizations (\$1,237,370)
- Federal Government (\$14,469,149)
- Local Government (\$7,500)
- State of Tennessee (\$2,578,454)

Submissions by Functional Area



- Academic Services (\$9,255,339)
- Public Service (\$938,529)
- Research (\$2,835,509)
- Scholarships or Fellowships (\$5,263,096)

HEALTH, EDUCATION & PROFESSIONAL STUDIES

Submissions by Department

PI/PD	Department	Funder	Title	Amount	FA*
Twyler Boykin	CCCE	U.S. Department of Education	Upward Bound Math & Science 2011-12	\$242,250	AS
Belinda Brownlee	CCCE	U.S. Department of Education	Upward Bound at UTC 2012-2017 Year 1	\$1,511,355	AS
Sandy Cole	CCCE	Community Foundation of Greater Chattanooga	PAWS 2012-2013 Continuation and Expansion	\$19,882	PS
		TN College Access and Success Network	PAWS (Post-Secondary Awareness with Success)	\$38,733	PS
		TN College Access and Success Network	PAWS (Post-Secondary Awareness with Success)	\$35,577	AS
		Alliance of Women Philanthropists	Postsecondary Awareness with Success (PAWS) Social Entrepreneurship	\$7,950	AS
Hunter Huckabay	CCCCE	U.S. Department of Education	GEAR UP in Hamilton County 2011-2018 Year 1	\$4,353,349	AS
		U.S. Department of Education	Hamilton County GEAR UP Year 6	\$0	AS
Cynthia Wallace	CCCE	Tennessee College Access and Success Network	Catalyst Grant – EOC	\$15,000	PS
		Tennessee College Access and Success Network	Model Program Grant – EOC	\$40,000	PS
Carol Brand	Education	Tennessee Department of Education	Become a Special Educator in Tennessee (BASE TN)	\$225,000	SF
Pam Carter	Education	Tennessee State University	Developing and Validating the Impact of a Data-driven Mentoring Initiative: Nurturing, Educating and Training a New Teaching Workforce	\$1,019,185	R
Amy Casey	Education	National Institutes of Health	Efficacy of the Routines-Based Interview for Children with Disabilities and Their Families	\$387,853	R
Lucien Ellington	Education	Association for Asian Studies	Education About Asia Journal 2012	\$69,198	AS
		Freeman Foundation	National Consortium for Teaching About Asia – 2012	\$24,497	AS
		Freeman Foundation	National Consortium for Teaching About Asia - 2013	\$24,497	AS
Jennifer Ellis	Education	American University	Developing, Evaluating, and Disseminating the IDPP and an Integrated Model of Accessible Cyberlearning	\$159,887	R
		American University	Priming the Pump: Co-Processes in Evaluating (& Utilizing) Cyberlearning STEM Projects	\$99,952	R
Anne Gamble	Education	United Way of Greater Chattanooga	Project Ready for School 2012	\$100,187	PS

PI/PD	Department	Funder	Title	Amount	FA*
Deborah McAllister	Education	Tennessee Higher Education Commission	Geometry, Measurement, Problem Solving, and STEM Connections for K-2 Teachers	\$200,000	PS
		Tennessee Higher Education Commission	Number and Operations: Emphasizing Fractions, Place Value, and Connections	\$75,000	AS
		Vanderbilt University	NASA Mathematics Resources and Super Source Activities for Elementary Grades Preservice Teachers	\$12,750	AS
		Vanderbilt University	Robotics for Middle Grades	\$17,900	AS
Barbara Ray	Education	Tennessee Department of Education	Special Education Early Childhood Institute 2012-2015 Year 1	\$99,108	SF
		Tennessee Department of Education	Special Education Institute 2012-2015 Year 1	\$359,332	SF
Valerie Rutledge	Education	Community Foundation of Greater Chattanooga	Classroom Behavior Professional Development Program	\$5,000	AS
		Tennessee Department of Education	Governor's School for Prospective Teachers 2012	\$81,380	AS
		Tennessee State University	Strengthening Instruction in Tennessee Elementary Schools – Focus on Mathematics (SITES-M)	\$138,807	AS
		Tennessee State University	Amendment 1 to Summer Activities for SITES-M	\$116,640	AS
Nicholas Boer	Health and Human Performance	UT Health Science Center – CTSI	Health Eating and Active Living Through Health Workers (HEALTH): Linking Clinic to Neighborhood to Prevent and Control Type 2 Diabetes Milletus	\$259,057	R
Leroy Fanning	Health and Human Performance	Hamilton County Government	Graduate Student Internship at Hamilton County Wellness Center	\$7,500	AS
Gregory Heath	Health and Human Performance	Purdue University	If We Build It, Will They Become More Active? Impacts of Trails in Three U.S. Cities	\$283,804	R
		American College of Sports Medicine Foundation	An Acceptability and Usability Trial of the Exercise is Medicine Health Care Provider and Fitness & Health Professional Toolkits	\$20,000	R
Brendon McDermott	Health and Human Performance	Core Cooler Company, LLC	Core Temperature Response when Humans Exercise in the Heat Using the Core Cooler	\$27,209	R
		Drip Drop, Inc.	Comparison of Various Sodium Concentrations of Sports Drinks on Cycling Performance in the Heat	\$3,370	R
Gary Wilkerson	Health and Human Performance	Patient-Centered Outcomes Research Institute	Patients' Ratings of Change in Physical Status and Value of Clinical Services	\$353,210	R
Catherine Kendall	Interior Design	Tennessee Board of Architectural & Engineering Examiners	Request for Grant Funds for Interior Design 2012	\$4,945	AS

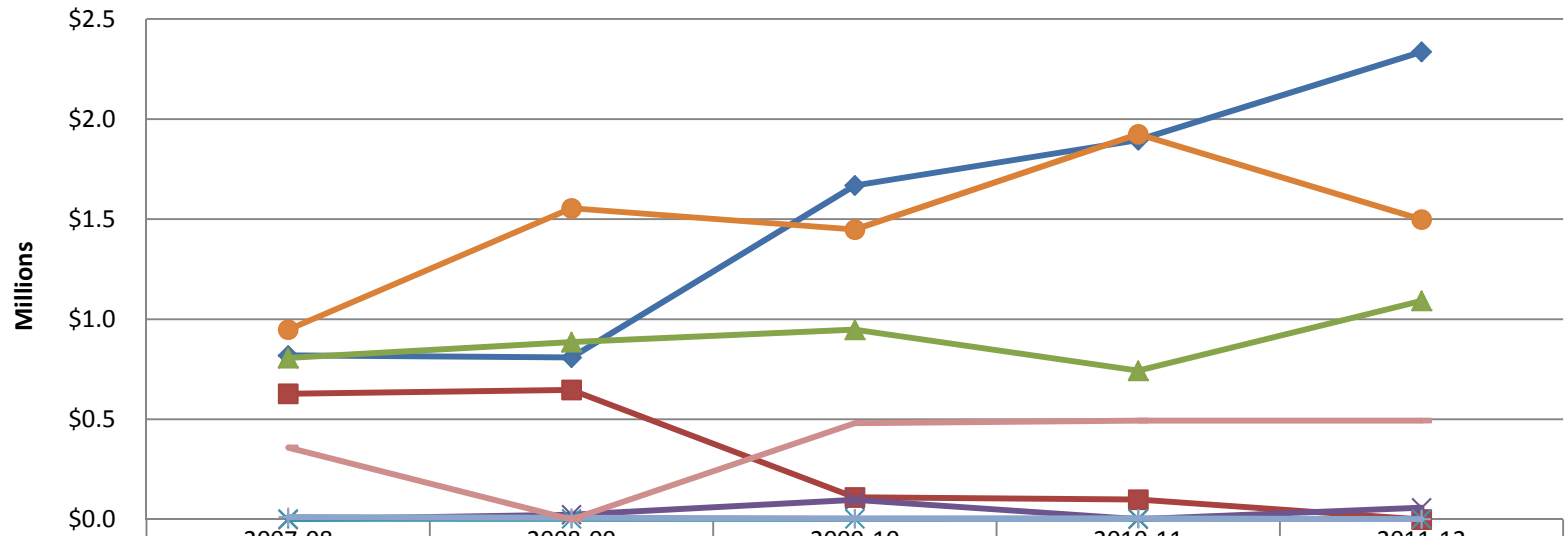
PI/PD	Department	Funder	Title	Amount	FA*
Cherry Guinn	Nursing	Community Foundation of Greater Chattanooga	Assisting Adult Hispanic Patients at High Risk for Diabetes Mellitus Type 2 Assume Responsibility for Self-Management of their Risk	\$9,995	PS
		U.S. Department of HHS/HRSA	Applying Knowledge to Practice for Rural Public Health Nurses 2011-12	\$0	AS
Kay Lindgren	Nursing	U.S. Department of HHS/HRSA	Geriatric IMPACT: Interprofessional Patient-Centered Care and Training	\$514,732	PS
		U.S. Department of HHS/HRSA	The InterProfessional Collaborative Practice Approach Collaborative Practice Approach for Geriatric Education Strategies (IPCP-AGES)	\$1,438,680	AS
		U.S. Department of HHS/HRSA	NEPR BSN Gateway 2011-2012	\$0	AS
		U.S. Department of HHS/HRSA	Nurse Anesthetist Traineeship Program at UTC	\$0	SF
		U.S. Department of HHS/HRSA	PACT 4 Interprofessional Geriatric Care	\$1,088,064	AS
		U.S. Department of HHS/HRSA	Scholarships for Disadvantaged Nursing Students at UTC	\$2,580,000	SF
Chris Smith	Nursing	U.S. Department of HHS/HRSA	AENT – UTC Advanced Education Nursing Traineeships	\$679,656	SF
		Memorial Health Care System	Shared Nursing Researcher Position	\$161,028	R
Barry Dale	Physical Therapy	Chattem, Inc.	ICY HOT and TENS Reduce Arthrogenic Muscle Inhibition (AMI) Following Knee Surgery	\$60,954	R
David Levine	Physical Therapy	U.S. Department of HHS/HRSA	Scholarships for Disadvantaged Physical Therapy Students at UTC	\$1,320,000	SF
TOTAL				\$18,292,473	

*Functional Areas: AS = Academic Services; R = Research; IS = Institutional Support; PS = Public Service; SF = Scholarships or Fellowships. Awards are listed alphabetically by department then by PI, but many awards represent partnerships across academic units.

HEALTH, EDUCATION AND PROFESSIONAL STUDIES

FIVE-YEAR FUNDING TRENDS BY DEPARTMENT

FISCAL YEARS 2008 - 2012

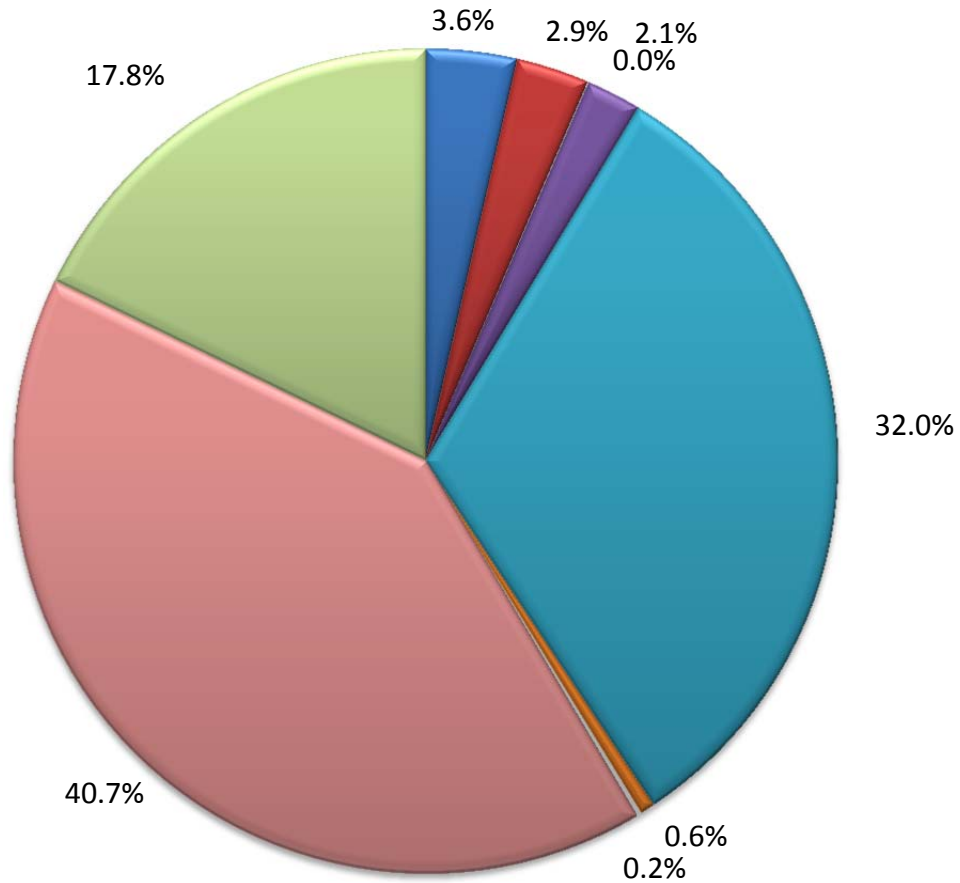


	2007-08	2008-09	2009-10	2010-11	2011-12
◆ CCCE	\$819,066	\$808,474	\$1,668,068	\$1,894,876	\$2,335,655
■ Dean's Office	\$627,635	\$646,682	\$110,110	\$98,788	\$0
▲ Education	\$806,353	\$885,621	\$947,793	\$743,246	\$1,092,123
× Health & Human Performance	\$0	\$23,435	\$97,525	\$1,250	\$58,079
* Interior Design	\$2,323	\$2,447	\$2,817	\$3,334	\$2,113
● Nursing	\$948,151	\$1,554,288	\$1,447,929	\$1,924,532	\$1,498,316
— Physical Therapy	\$12,375	\$8,167	\$4,870	\$4,887	\$1,066
— Social Work	\$358,930	\$0	\$480,504	\$493,480	\$493,480

ADMINISTRATIVE UNITS

ADMINISTRATIVE UNITS

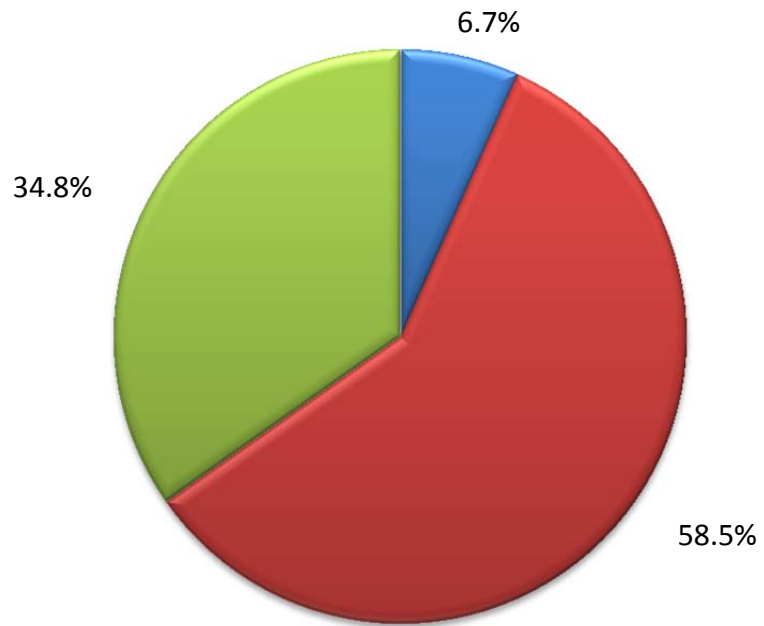
Awards by Unit



- Academic & Research Computing Services (\$25,000)
- Admissions (\$20,000)
- Assistant Vice Chancellor for Plant Operations (\$300)
- Disability Resource Center
- Financial Aid (\$223,900)
- Fine Arts Center (\$4,000)
- Library (\$1,530)
- Student Support Services (\$284,746)
- WUTC - FM (\$124,440)

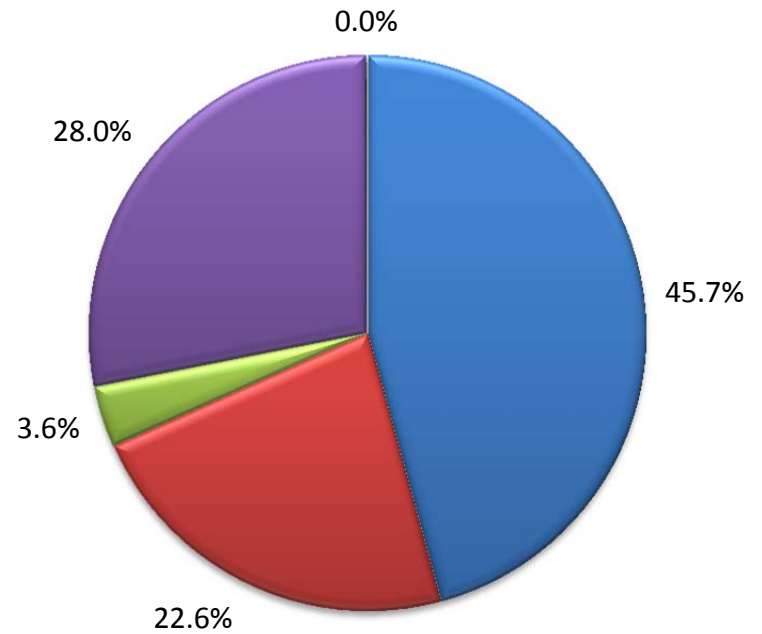
ADMINISTRATIVE UNITS

Awards by Source



- Corporations & Organizations (\$46,830)
- Federal Government (\$409,186)
- State of Tennessee (\$242,900)

Awards by Functional Area



- Academic Services (\$319,746)
- Public Service (\$157,870)
- Research (\$25,000)
- Scholarships or Fellowships (\$196,000)
- Other (\$300)

ADMINISTRATIVE UNITS

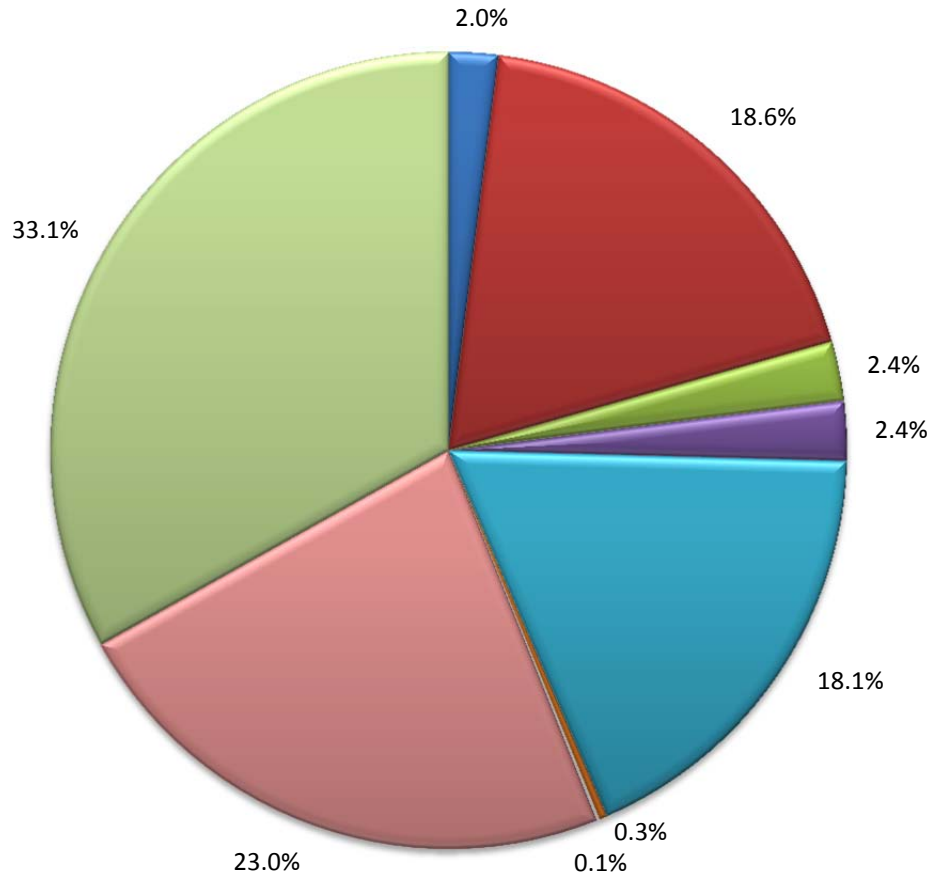
Awards by Department

PI/PD	Department	Funder	Title	Amount	FA*
Andy Carroll	Academic and Research Computing Services	Lyndhurst Foundation	Decision Support Software	\$25,000	R
Jean Howard-Hill	Admissions	Community Foundation of Greater Chattanooga	The Many Faces of Diversity at UTC	\$20,000	AS
Lisa Darger	Assistant Vice Chancellor for Plant Operations	RecycleMania	RecycleMania 2012 Competition	\$300	Other
Bryon Kluesner	Disability Resource Center	Tennessee Department of Education	AT @ UTC 2012	\$15,000	AS
Dianne Cox	Financial Aid	Tennessee Student Assistance Corporation	High School Peer Counseling Program 2012	\$27,900	PS
		Tennessee Student Assistance Corporation	Tennessee Reduction-in-Force Severance Benefit College Tuition Assistance	\$100,000	SF
		Tennessee Student Assistance Corporation	Tennessee Rural Health Loan Forgiveness Program 2011-12	\$96,000	SF
Bob Boyer	Fine Arts Center	Tennessee Arts Commission	Patten Performances Public Performance & Master Classes	\$4,000	PS
Theresa Liedtka	Library	Community Foundation of Greater Chattanooga	Preservation of the William Crutchfield Water Color Collection	\$1,530	PS
Shirl Gholston	Student Support Services	U.S. Department of Education	Student Support Services 2011-12	\$284,746	AS
John McCormack	WUTC-FM	Corporation for Public Broadcasting	Radio Community Service Grant 2001-2013	\$124,440	PS
TOTAL				\$698,916	

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ADMINISTRATIVE UNITS

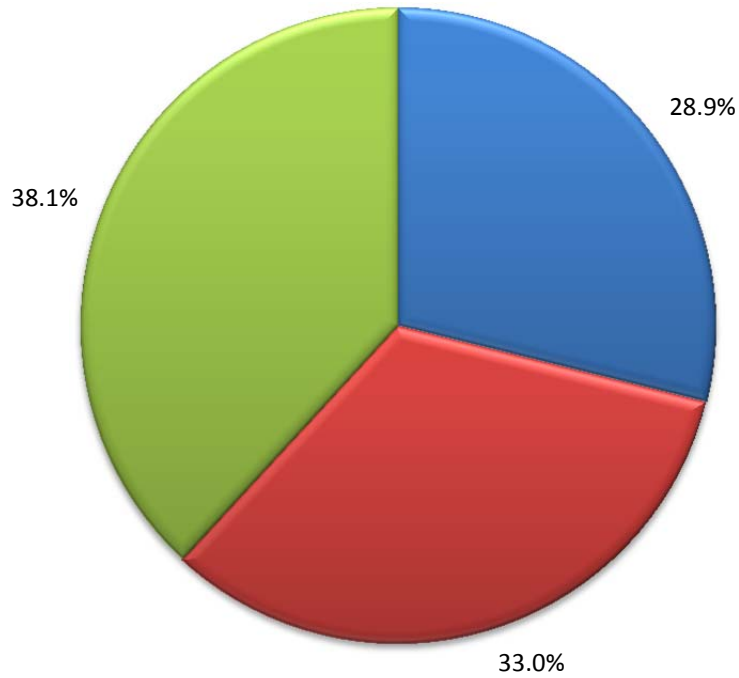
Submissions by Unit



- Academic & Research Computing Services (\$25,000)
- Assistant Vice Chancellor for Plant Operations (\$230,300)
- Counseling & Career Planning Center (\$30,000)
- Disability Resource Center (\$29,947)
- Financial Aid (\$223,900)
- Fine Arts Center (\$4,000)
- Library (\$1,530)
- Student Support Services (\$284,746)
- WUTC - FM (\$410,440)

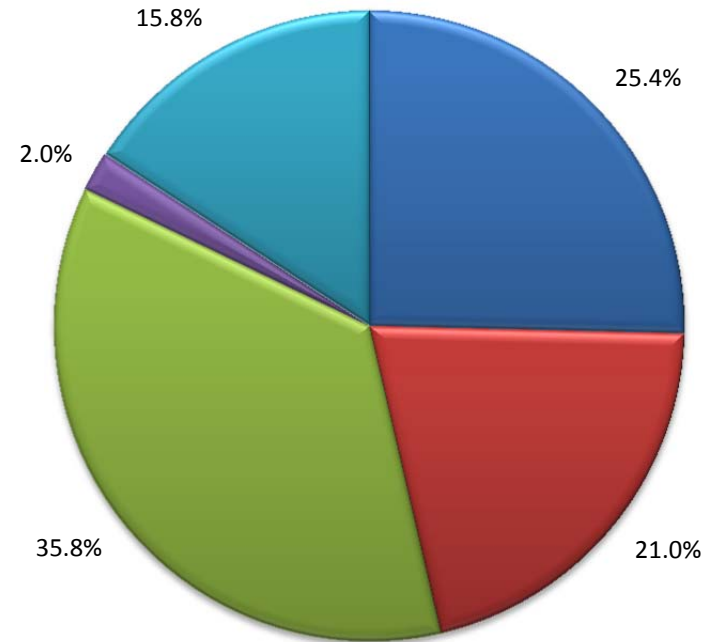
ADMINISTRATIVE UNITS

Submissions by Source



- Corporations & Organizations (\$357,830)
- Federal Government (\$409,186)
- State of Tennessee (\$472,847)

Submissions by Functional Area



- Academic Services (\$314,693)
- Institutional Support (\$260,000)
- Public Service (\$443,870)
- Research (\$25,000)
- Scholarships or Fellowships (\$196,000)
- Other (\$300)

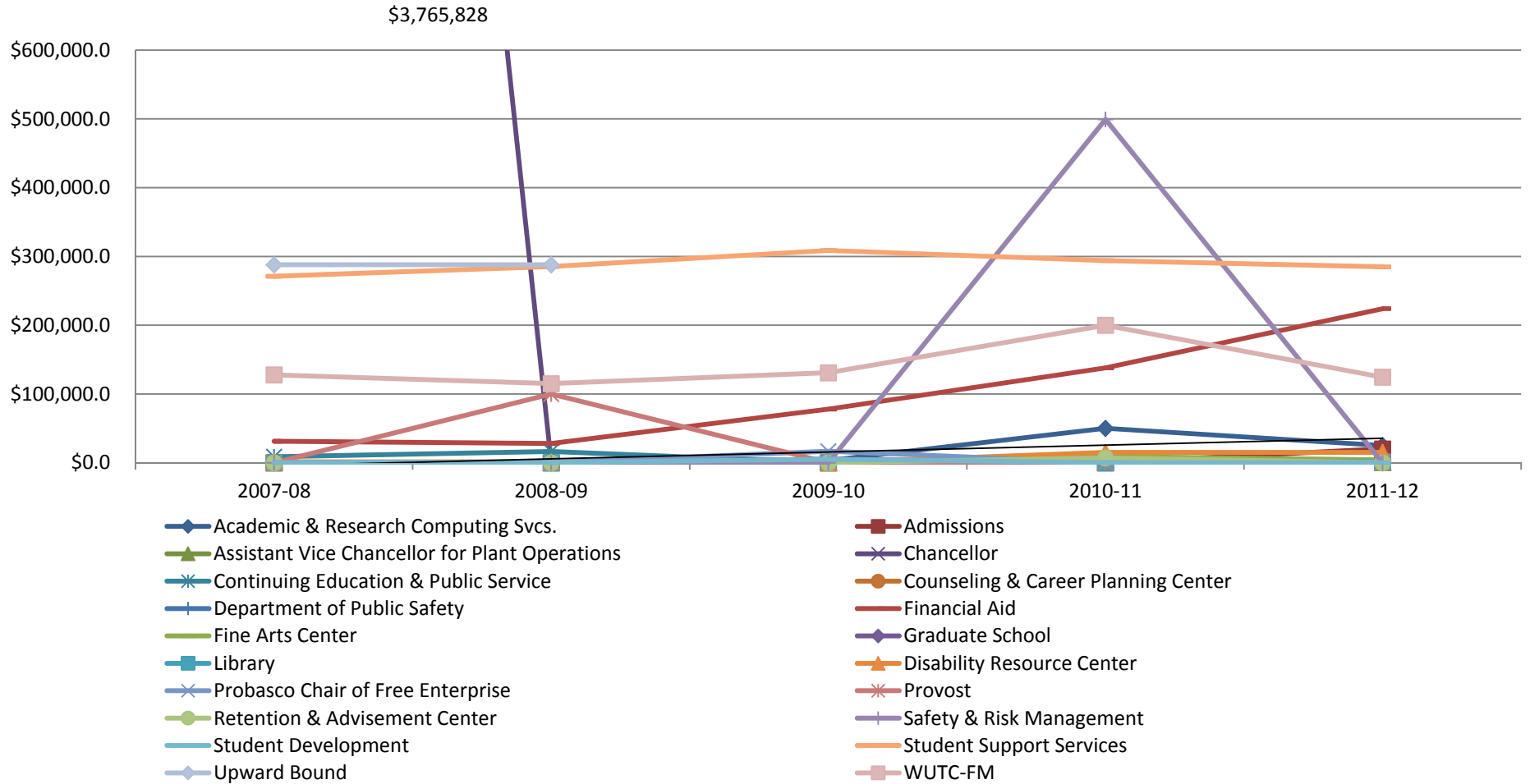
ADMINISTRATIVE UNITS

Submissions by Department

PI/PD	Department	Funder	Title	Amount	FA*
Andy Carroll	Academic and Research Computing Services	Lyndhurst Foundation	Decision Support Software	\$25,000	R
Lisa Darger	Assistant Vice Chancellor for Plant Operations	RecycleMania	RecycleMania 2012 Competition	\$300	Other
		Tennessee Department of Environment & Conservation	Clean Tennessee Energy Grant Program – Alternative Lighting Solutions	\$230,000	IS
Tricia Henderson	Counseling & Career Planning Center	National Collegiate Athletic Association	M.O.C.S. CHOICES: Making Our Choices Successful	\$30,000	IS
Bryon Kluesner	Disability Resource Center	Tennessee Department of Education	AT @ UTC 2012	\$14,947	AS
Michelle Rigler	Disability Resource Center	Alliance of Women Philanthropists	Adaptive Technology Training Program	\$15,000	AS
Dianne Cox	Financial Aid	Tennessee Student Assistance Corporation	High School Peer Counseling Program 2012	\$27,900	PS
		Tennessee Student Assistance Corporation	Tennessee Reduction-in-Force Severance Benefit College Tuition Assistance 2011-12	\$100,000	SF
		Tennessee Student Assistance Corporation	Tennessee Rural Health Loan Forgiveness Program 2011-12	\$96,000	SF
Bob Boyer	Fine Arts Center	Tennessee Arts Commission	Patten Performances Public Performance & Master Classes	\$4,000	PS
Theresa Liedtka	Library	Community Foundation of Greater Chattanooga	Preservation of the William Crutchfield Water Color Collection	\$1,530	PS
Shirl Gholston	Student Support Services	U.S. Department of Education	Student Support Services 2011-12	\$284,746	AS
John McCormack	WUTC-FM	Corporation for Public Broadcasting	Radio Community Service Grant 2011-2013	\$124,440	PS
		Knight Foundation	African American Broadcast Journalism Academy	\$286,000	PS
TOTAL				\$1,239,863	

*Functional Areas: AS = Academic Services; R = Research; IS = Institutional Support; PS = Public Service; SF = Scholarships or Fellowships. Awards are listed alphabetically by department then by PI, but many awards represent partnerships across academic units.

ADMINISTRATIVE UNITS FIVE-YEAR FUNDING TRENDS BY DEPARTMENT FISCAL YEARS 2008 - 2012



UTC OFFICE OF PARTNERSHIPS & SPONSORED PROGRAMS

The Office of Partnerships and Sponsored Programs seeks to promote academic scholarship and engagement by working with faculty and staff (both individually and in teams) to foster the development of competitive grant proposals and sponsored programs contracts.

We applaud the UTC community of scholars and experts for the activities documented in this report. Our university, community, and world are a better place because of your efforts!



Left to Right: (back) Maria Derrick, Greg Heath, Baley Whary; (front) Alexa McClellan, Meredith Perry, Angie Johnson

The office performs the following services:

- identifies funding opportunities;
- disseminates grant related information to faculty and administrators;
- organizes and supports the development of grant proposals and budgets;
- facilitates grant writing workshops to assist faculty in developing competitive proposals;
- reviews and approves proposals before submission to ensure compliance with both UTC standards and sponsor requirements;
- assists faculty in submission of timely, accurate, performance reports;
- assists with research and statistics needed for proposal development;
- obtains internal approvals for grant submissions; and
- reviews and processes contracts and sub-contracts awarded to the university.

Contact us!

Office of Partnerships & Sponsored Programs

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