

University of Tennessee at Chattanooga

Sponsored Program Activity

Quarterly Report

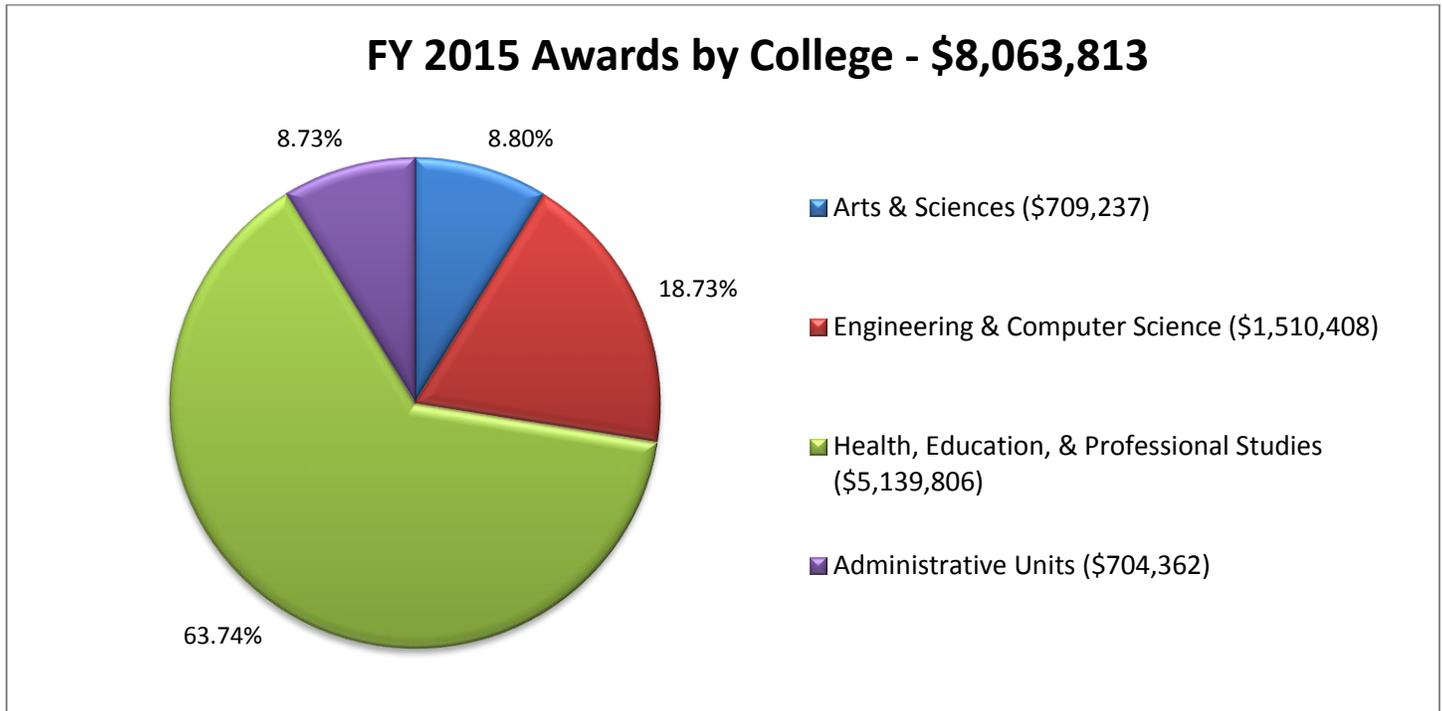
Office of Research & Sponsored Programs

Please note: The information contained in this report is drawn from the ORSP database and provides comparisons of the amounts of external funding for all four quarters of fiscal years 2014 and 2015. Only units with sponsored program activity during one or both of these periods are represented in this report. Following the charts are lists of proposals awarded and submitted year-to-date in FY 15. If any of the information in this report does not correspond to your records, please notify Baley-Whary@utc.edu.

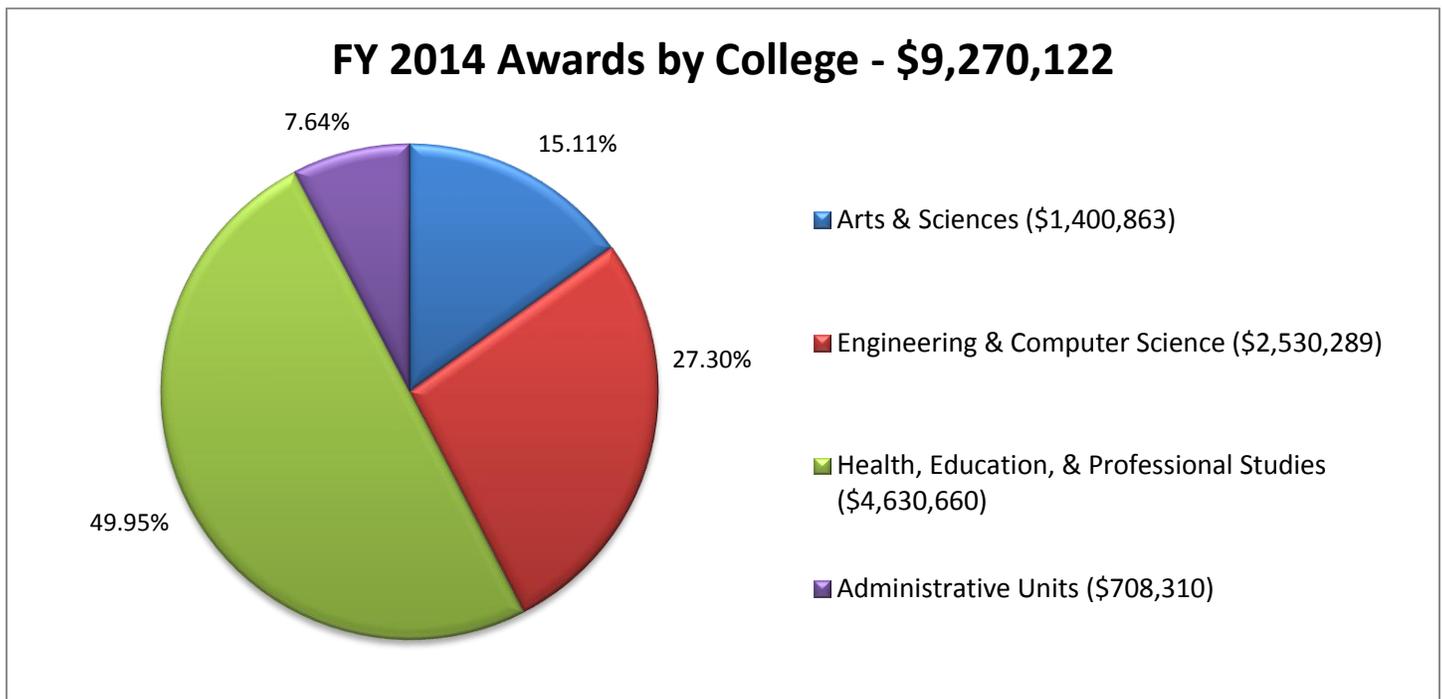
Fourth Quarter: July 2014- June 2015

UTC Grant Awards

Year-to-date: July 1, 2014 – June 30, 2015

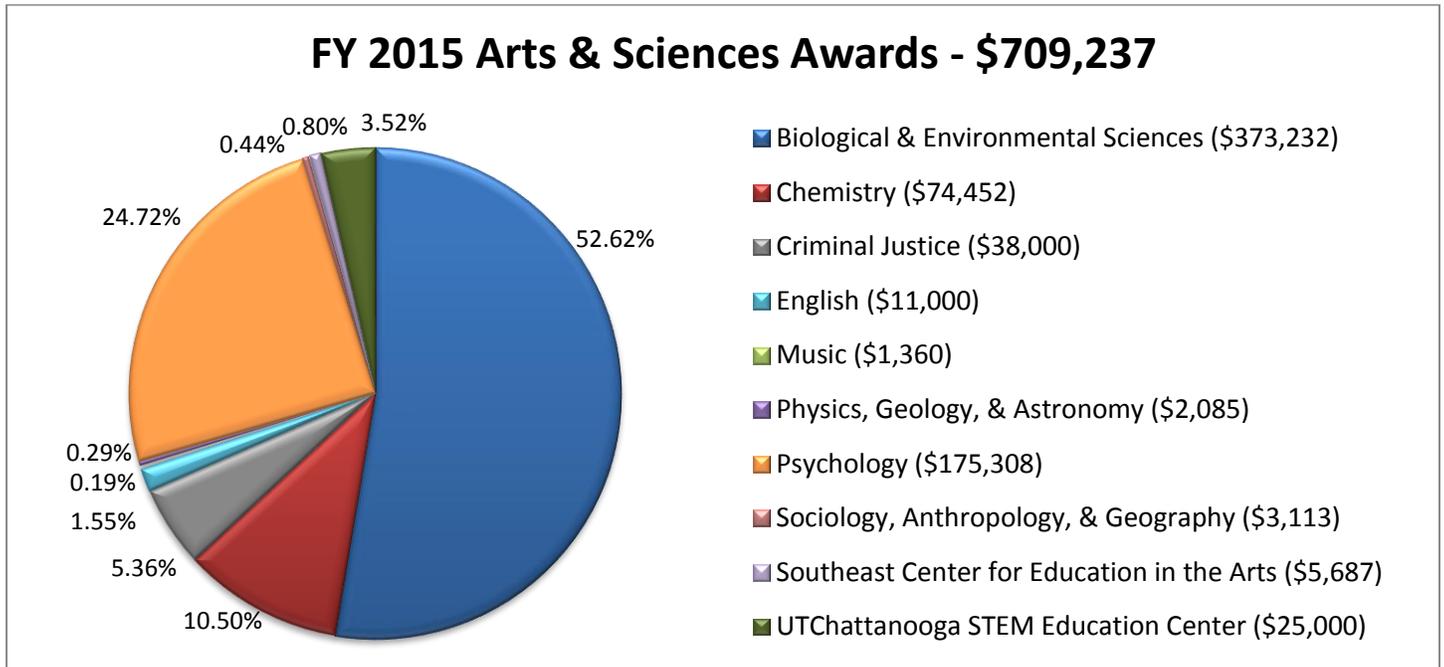


Comparison: July 1, 2013 – June 30, 2014

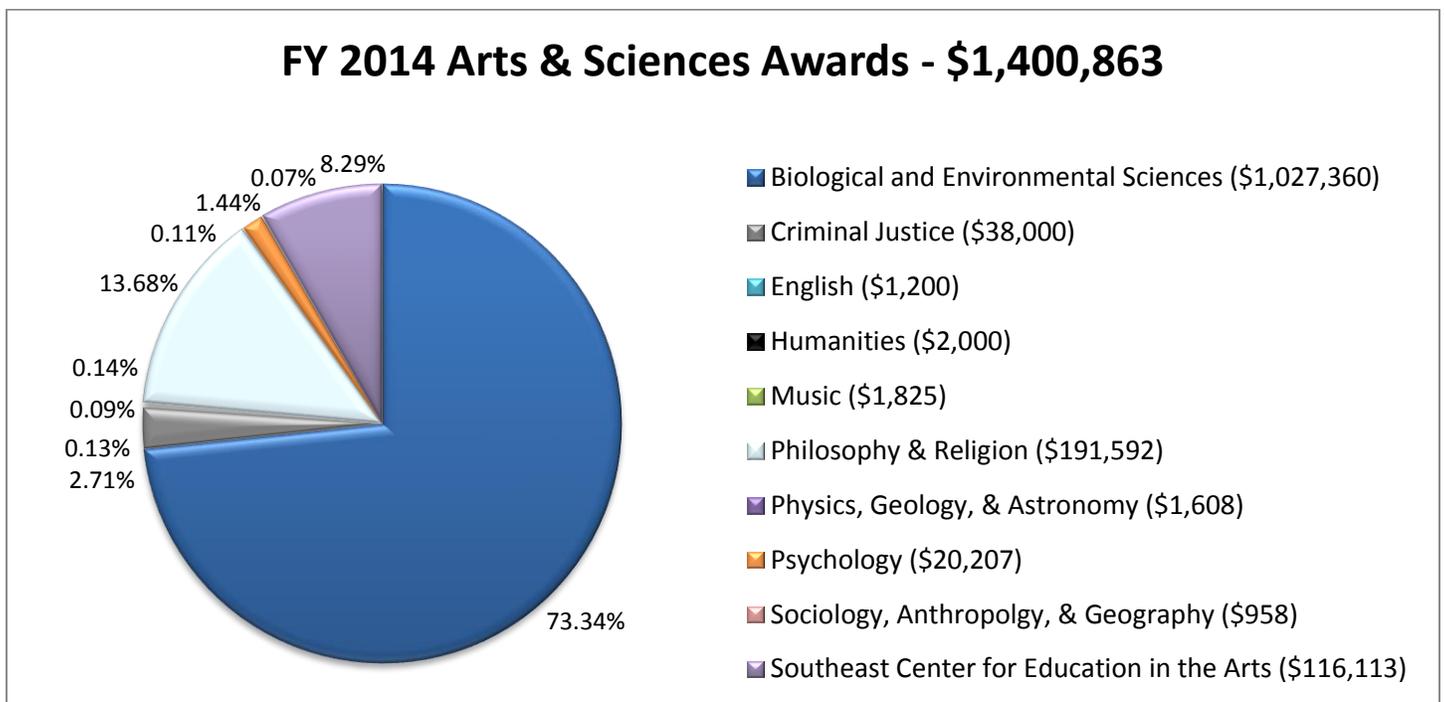


Grant Awards: College of Arts & Sciences

Year-to-date: July 1, 2014 – June 30, 2015

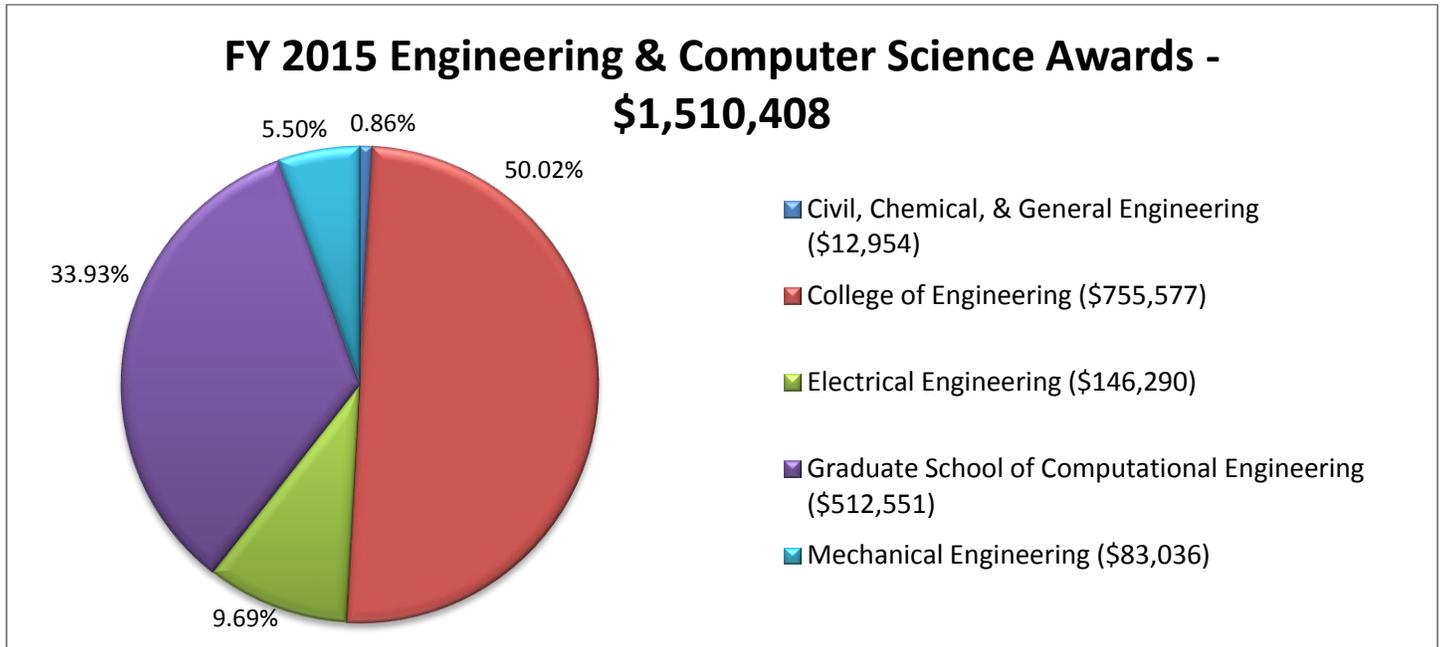


Comparison: July 1, 2013 – June 30, 2014

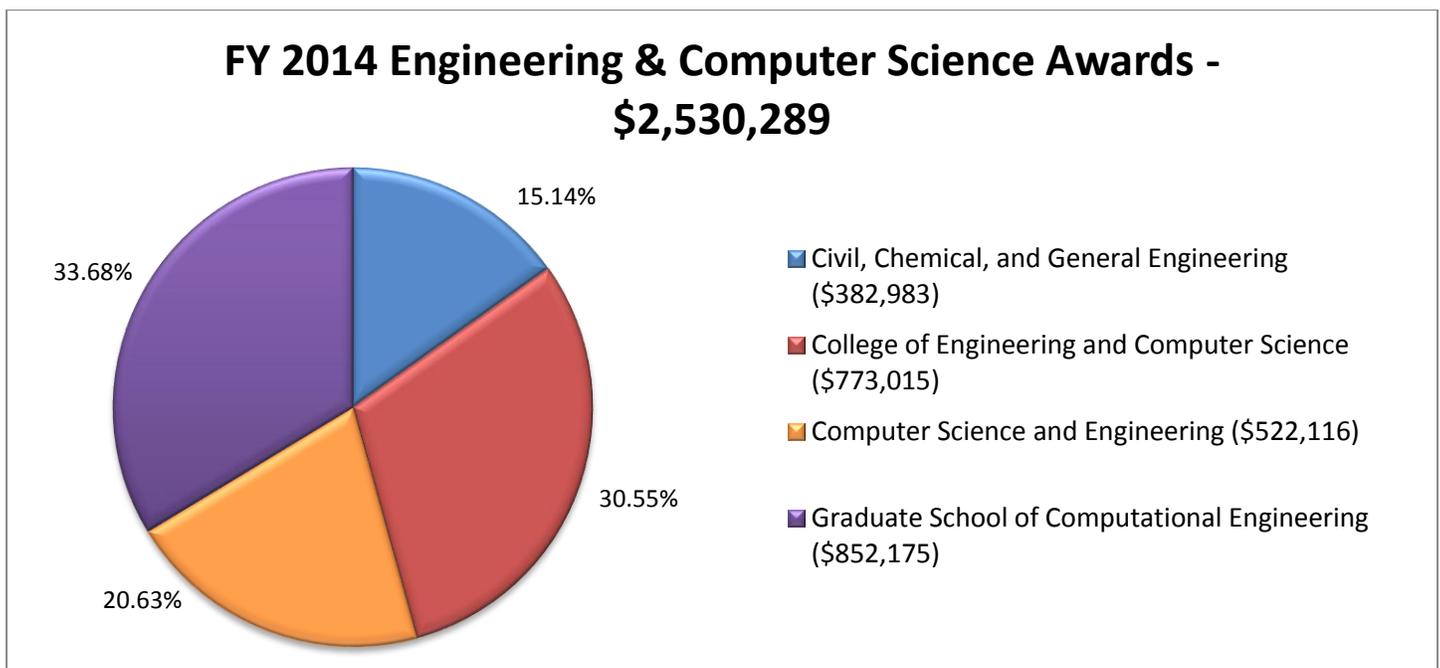


Grant Awards: College of Engineering & Computer Science

Year-to-date: July 1, 2014 - June 30, 2015

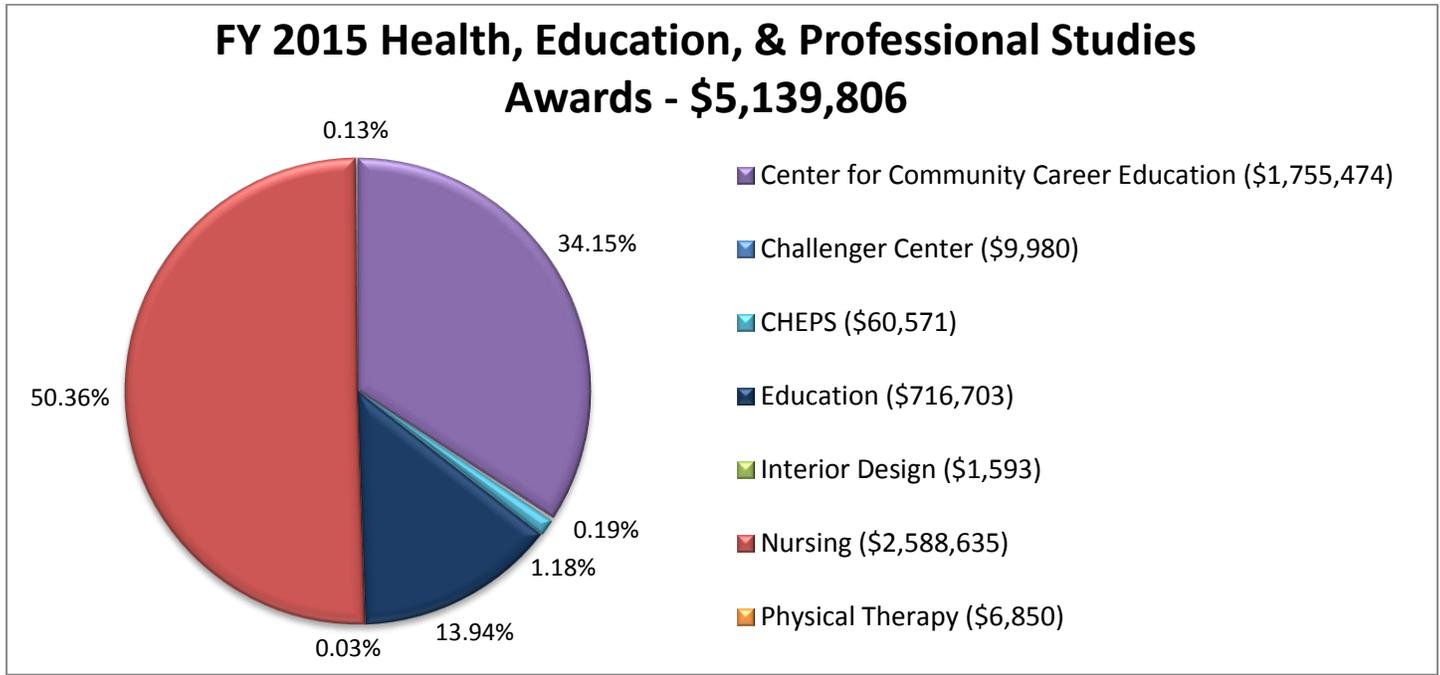


Comparison: July 1, 2013 - June 30, 2014

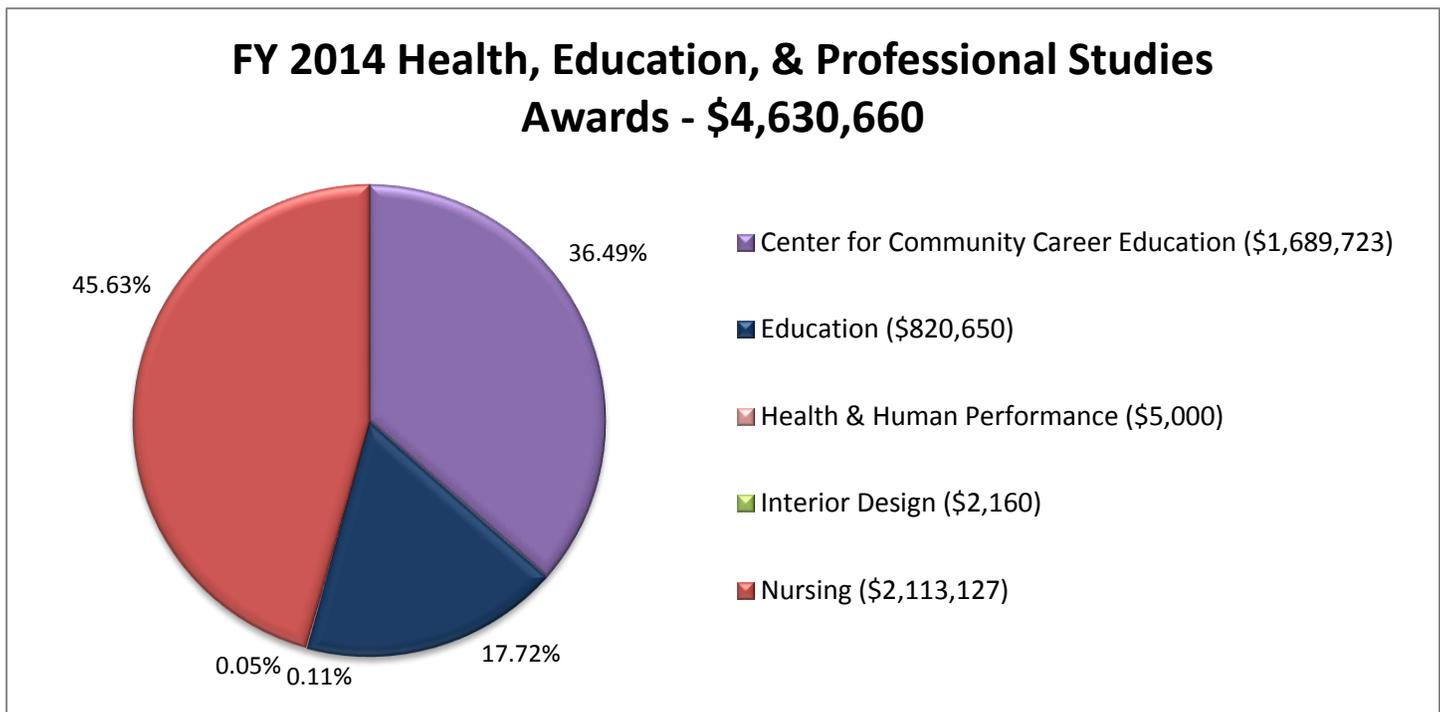


Grant Awards: College of Health, Education, & Professional Studies

Year-to-date: July 1, 2014 - June 30, 2015



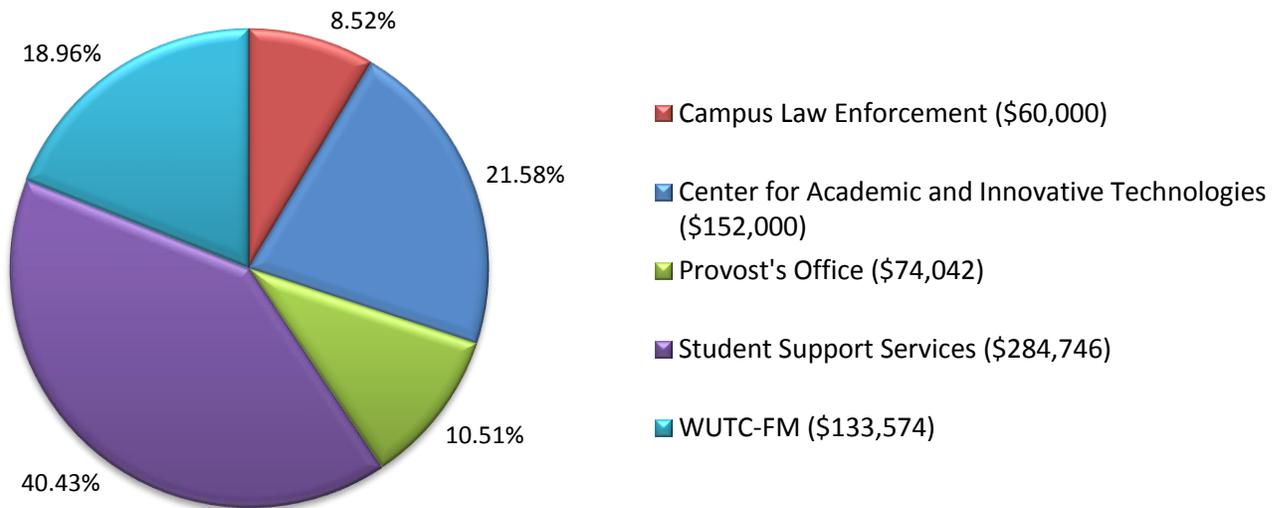
Comparison: July 1, 2013 - June 30, 2014



Grant Awards: Administrative Units

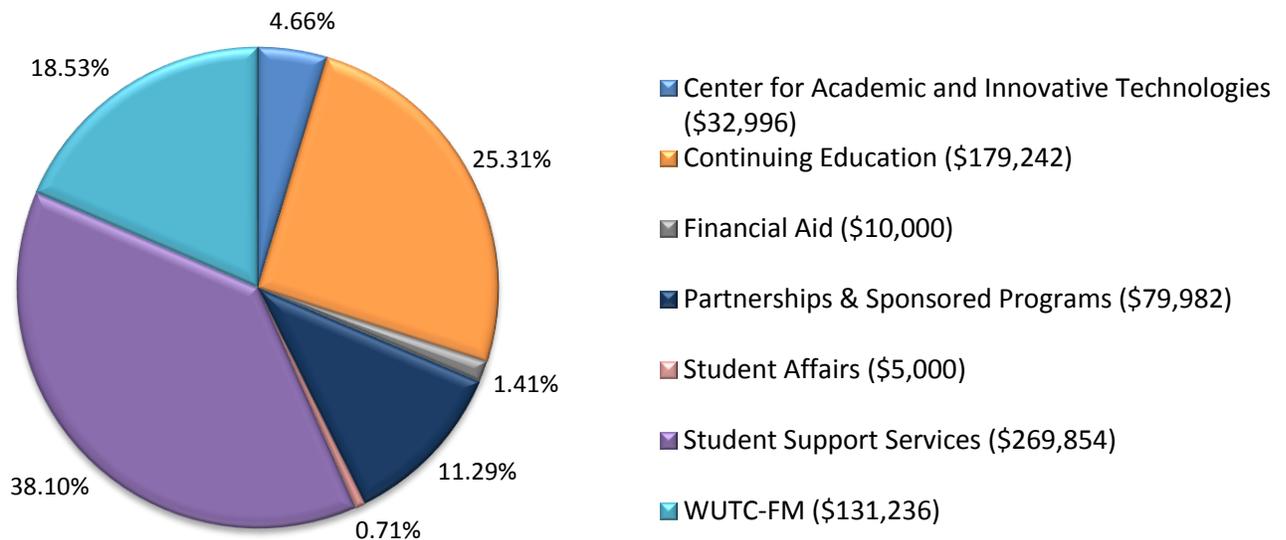
Year-to-date: July 1, 2014 – June 30, 2015

FY 2015 Adminstrative Unit Awards - \$704,362



Comparison: July 1, 2013 – June 30, 2014

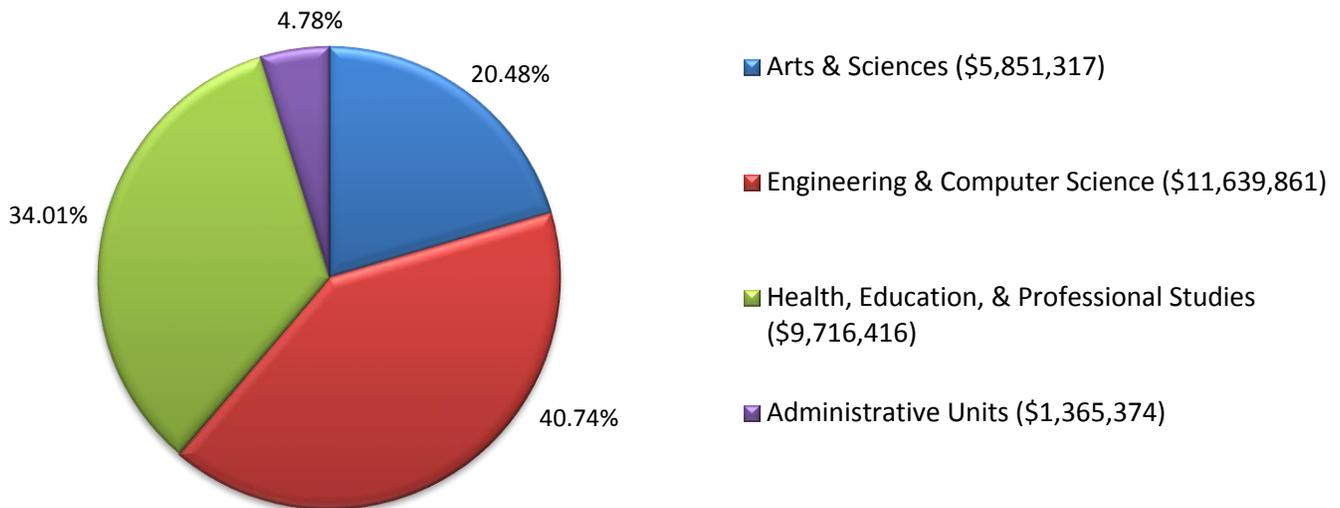
FY 2014 Administrative Unit Awards - \$708,310



UTC Submitted Proposals

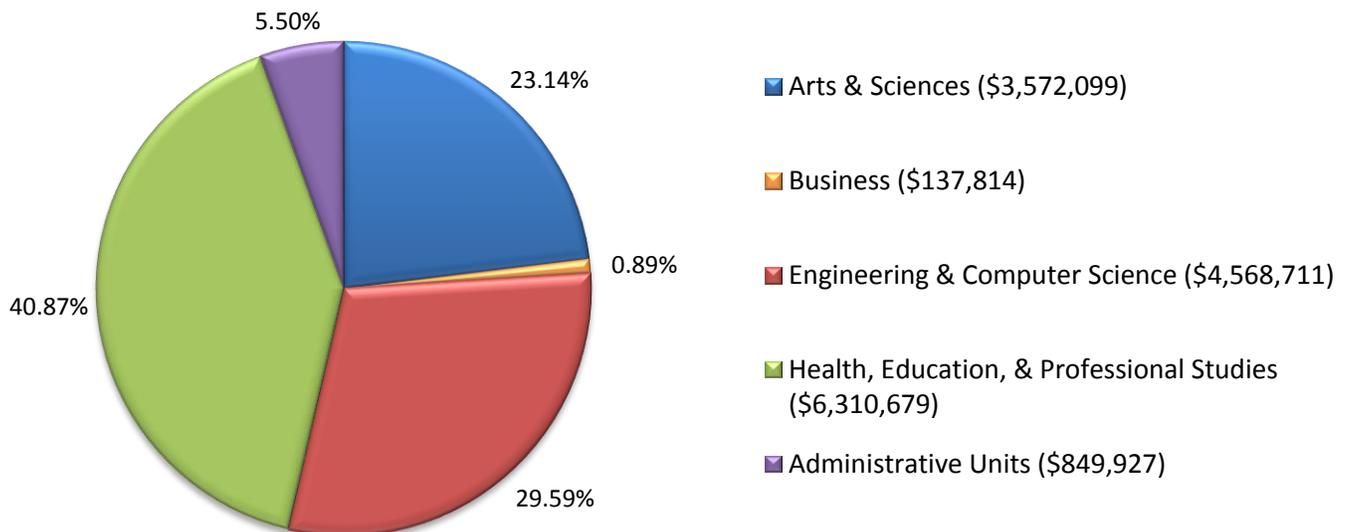
Year-to-date: July 1, 2014 – June 30, 2015

FY 2015 Submitted Proposals by College - \$28,572,968



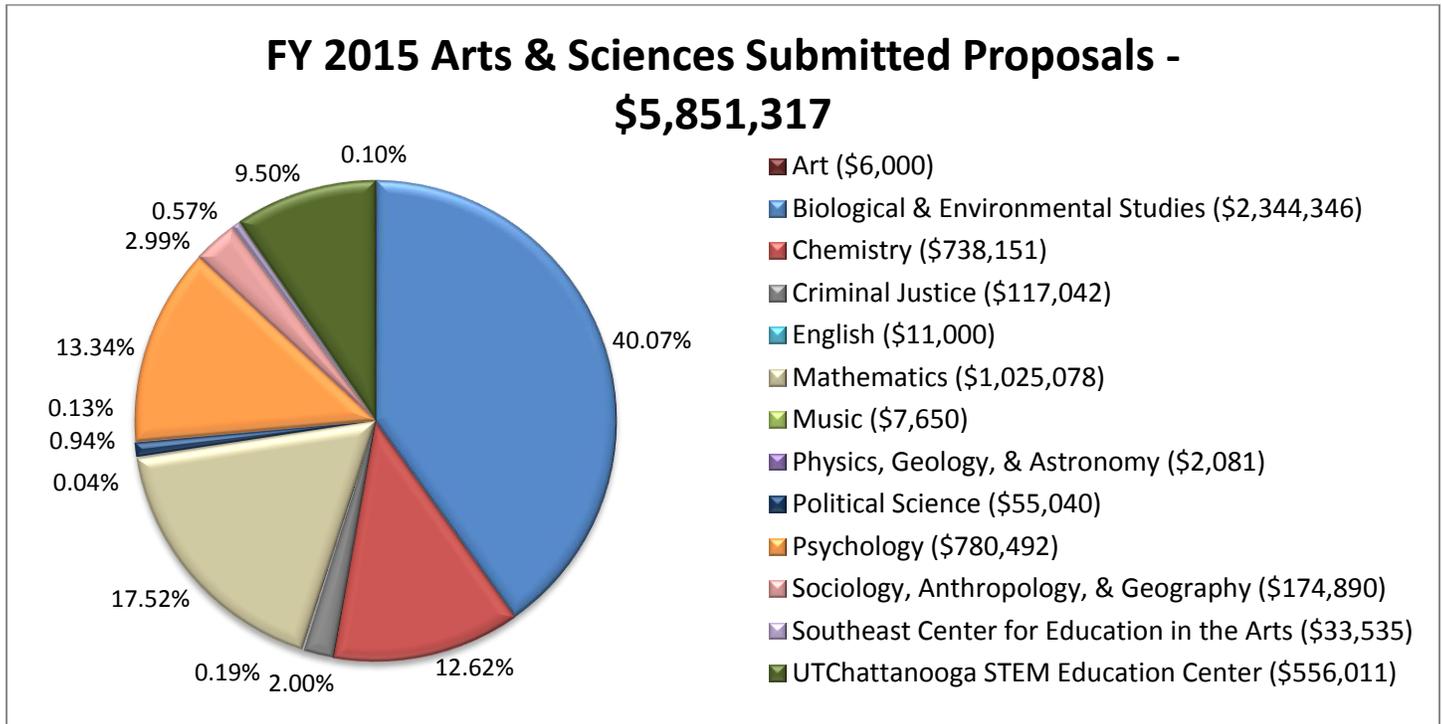
Comparison: July 1, 2013 – June 30, 2014

FY 2014 Submitted Proposals by College - \$15,439,230

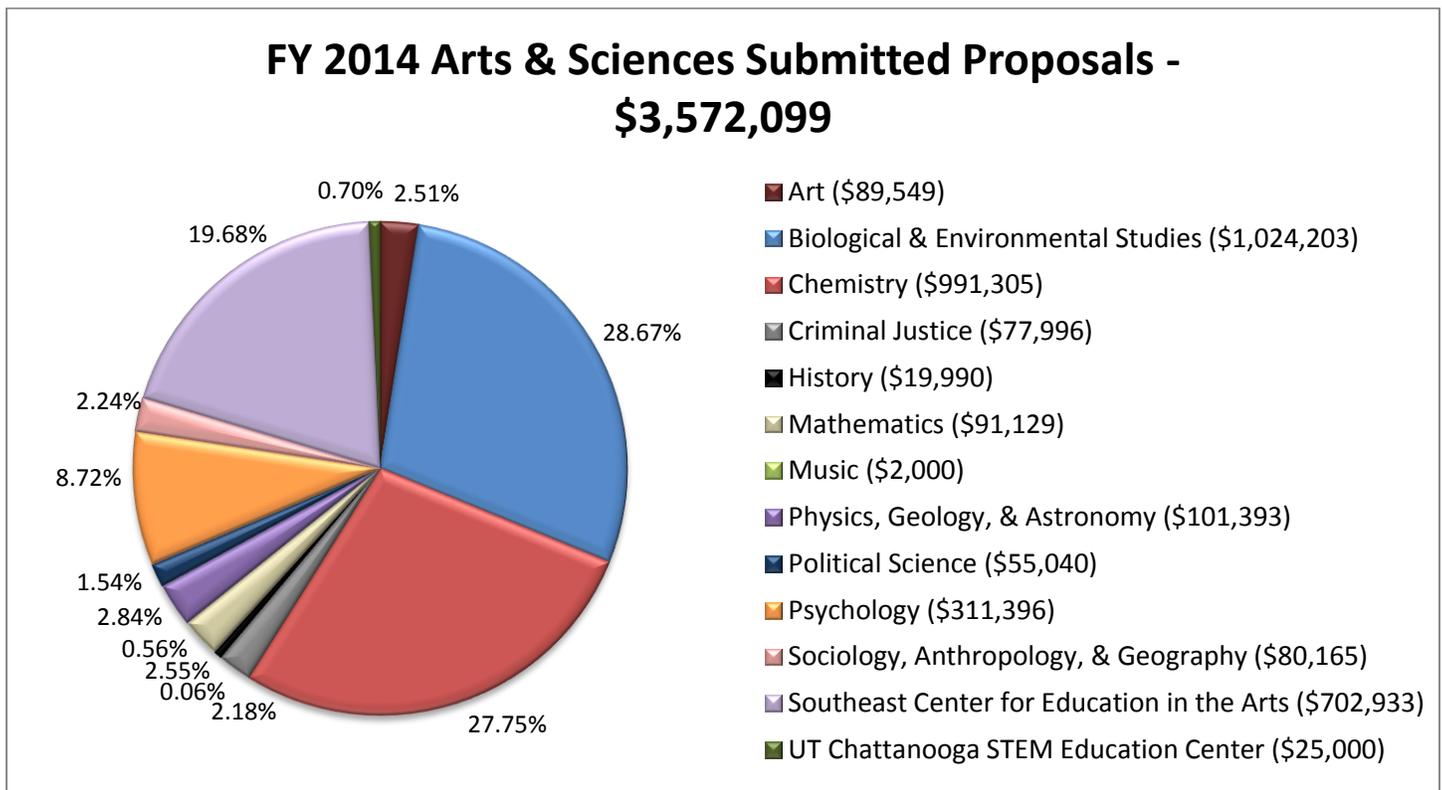


Submitted Proposals: College of Arts & Sciences

Year-to-date: July 1, 2014 – June 30, 2015

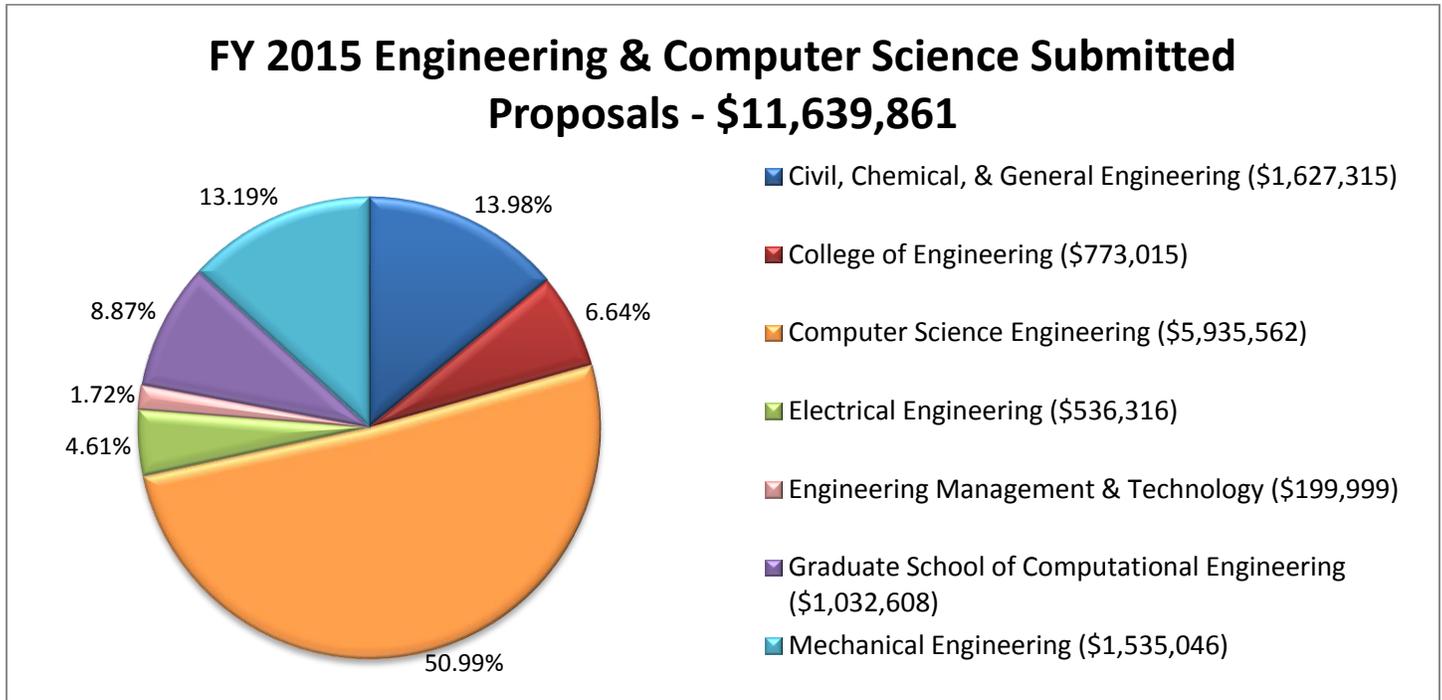


Comparison: July 1, 2013 – June 30, 2014

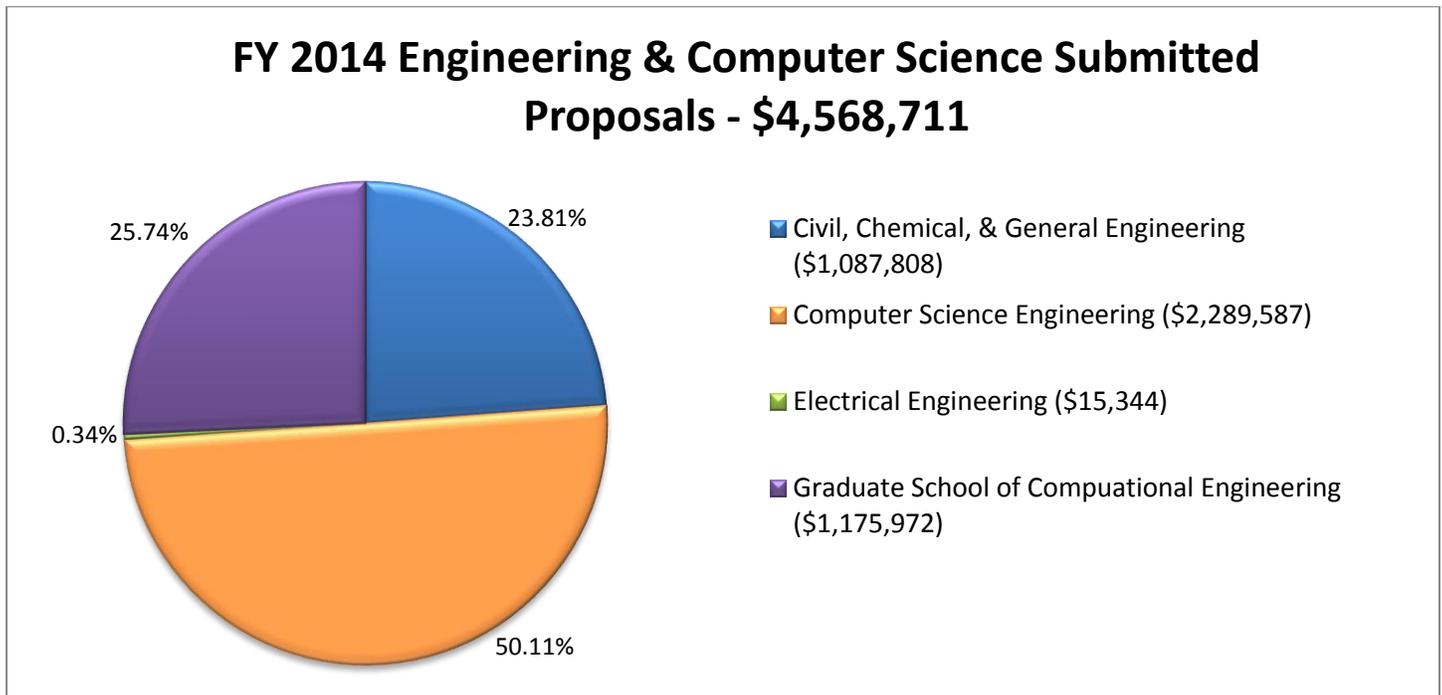


Submitted Proposals: College of Engineering & Computer Science

Year-to-date: July 1, 2014 - June 30, 2015

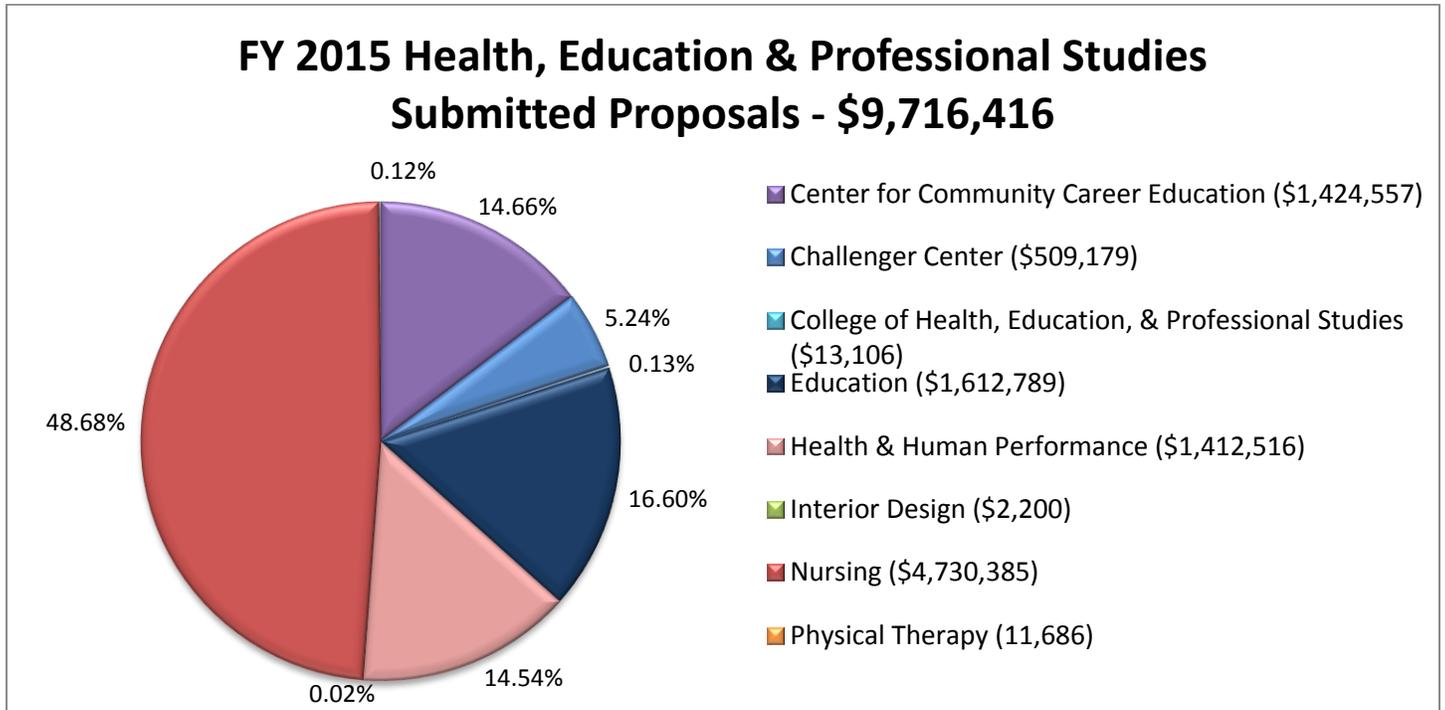


Comparison: July 1, 2013 - June 30, 2014

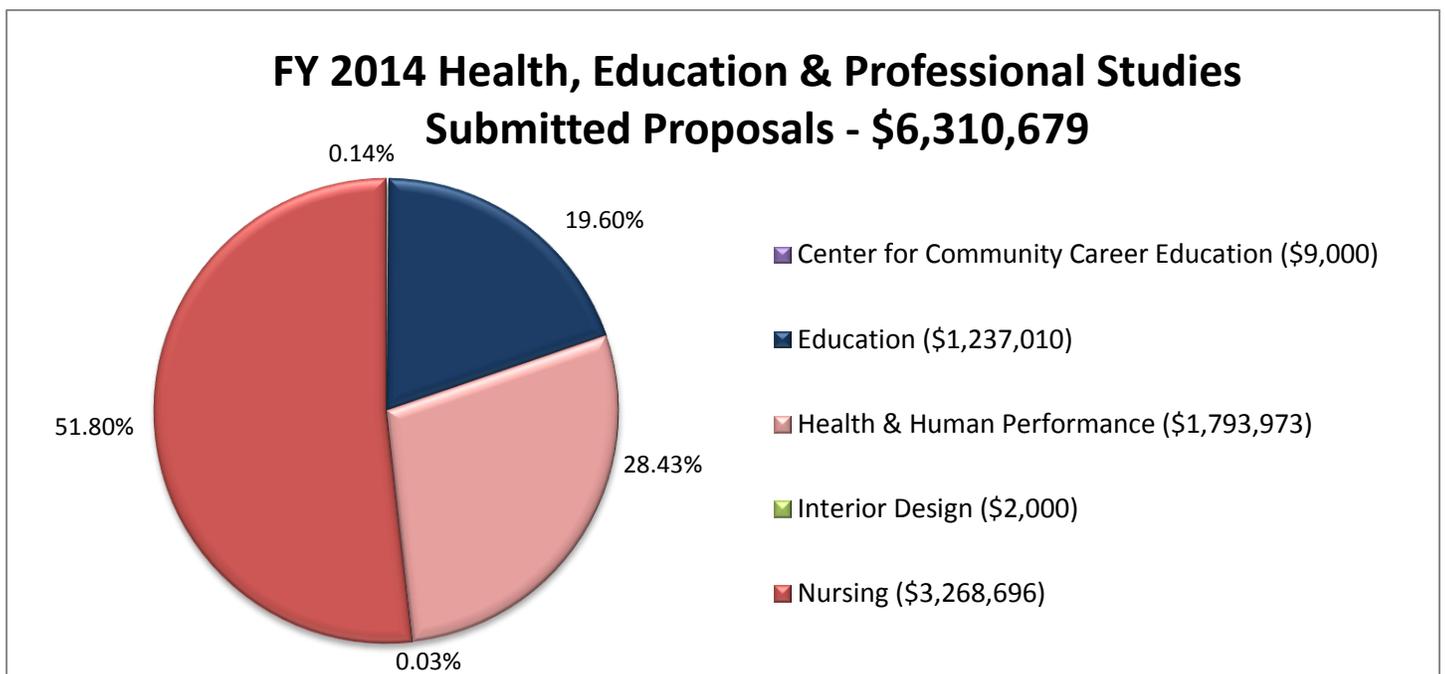


Submitted Proposals: College of Health, Education, & Professional Studies

Year-to-date: July 1, 2014 - June 30, 2015

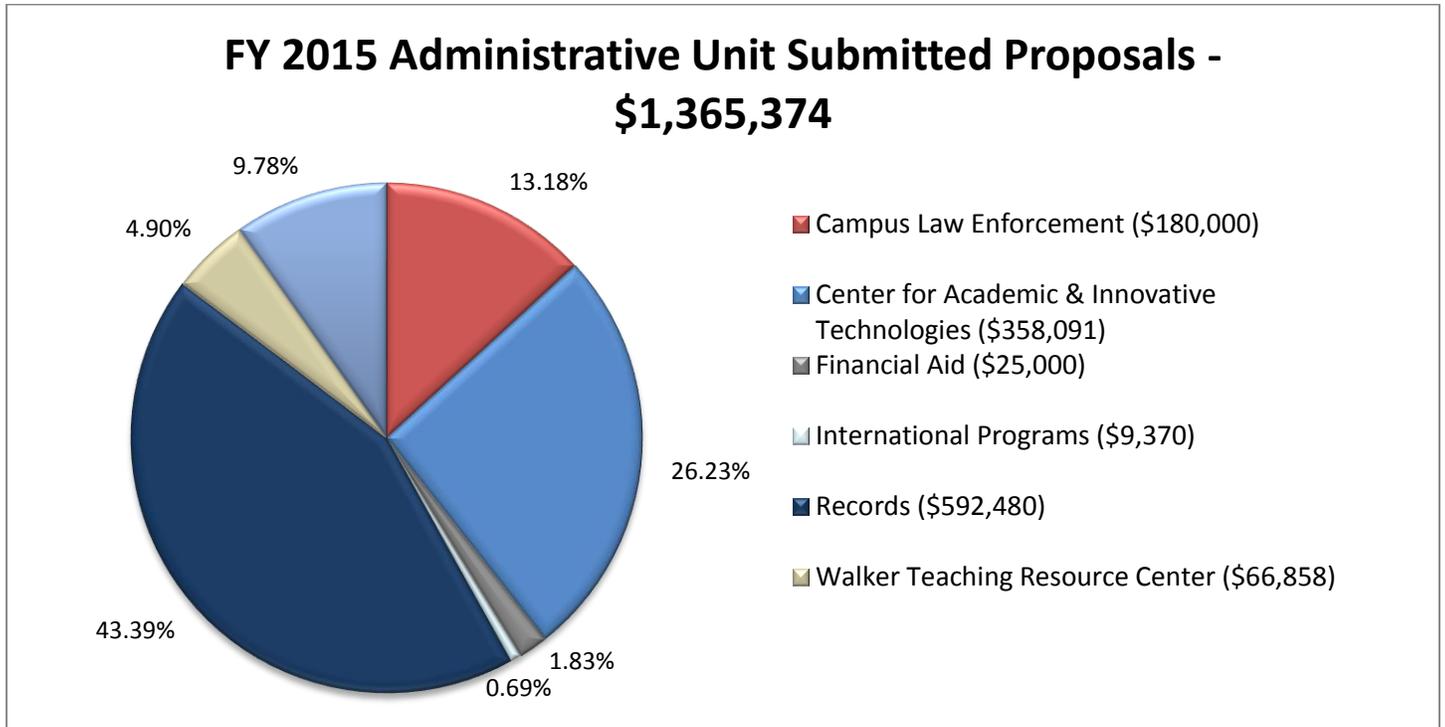


Comparison: July 1, 2013 - June 30, 2014

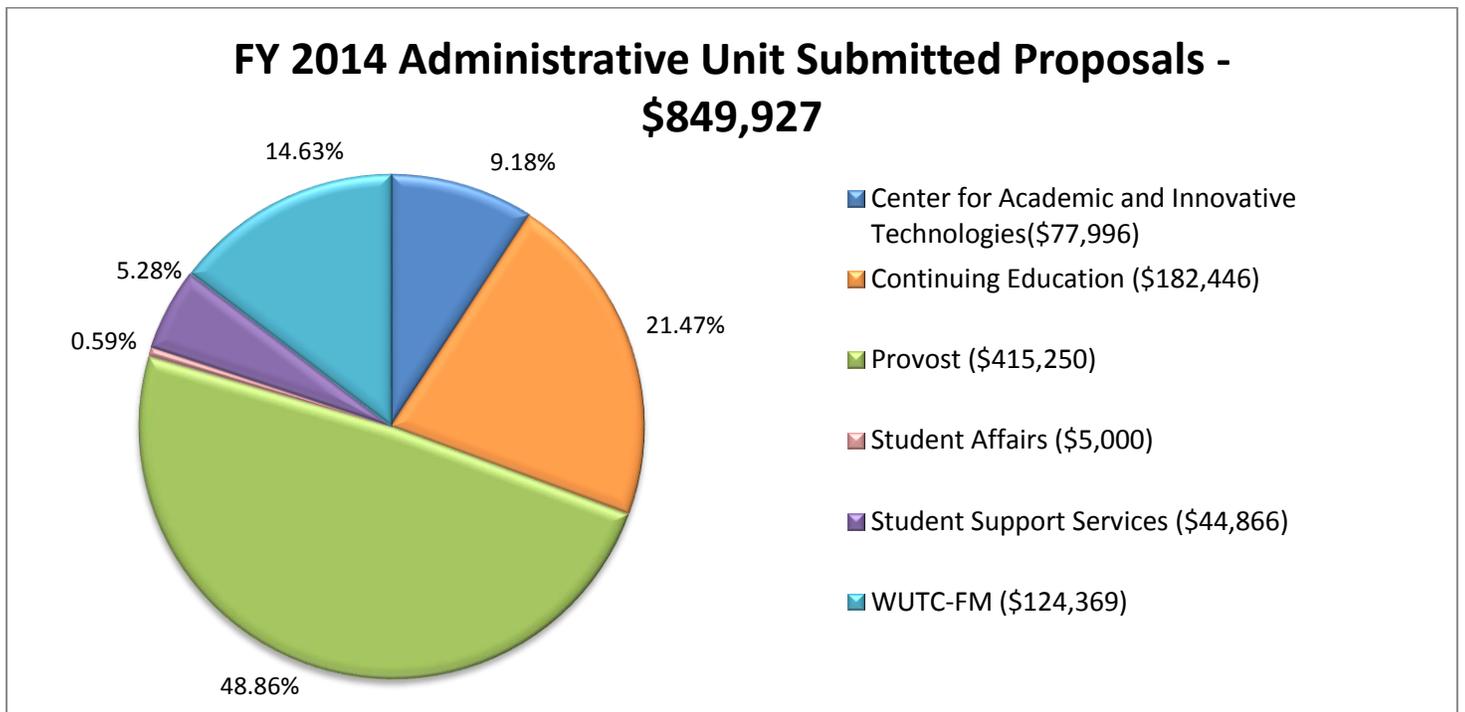


Submitted Proposals: Administrative Units

Year-to-date: July 1, 2014 – June 30, 2015

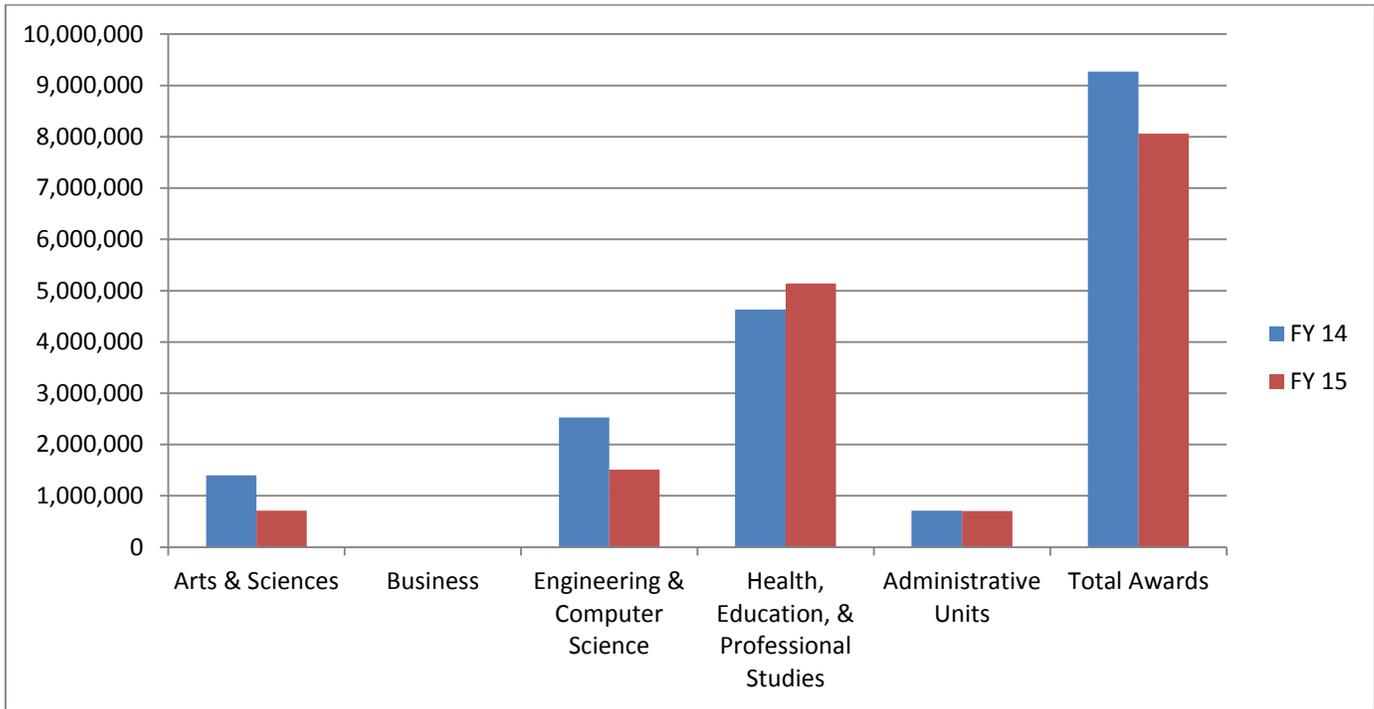


Comparison: July 1, 2013 – June 30, 2014

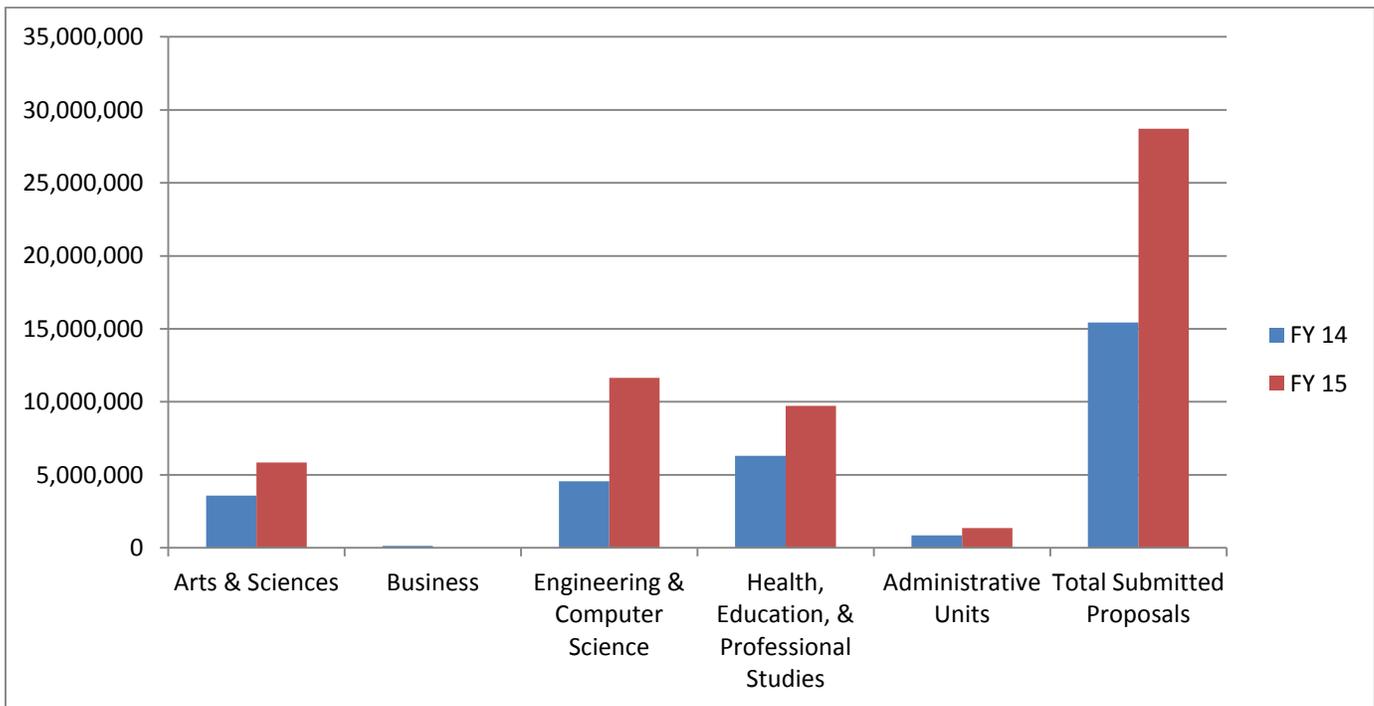


Awards & Submitted Proposals Comparison

Year-to-Date 1st, 2nd, 3rd, and 4th Quarter Awards



Year-to-Date 1st, 2nd, 3rd, and 4th Quarter Submitted Proposals



FY 2015 Awards

Notes: Awards are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units. Functional Areas (FA): AS= Academic Services; C/S = Conference/Seminar; IS = Institutional Support; I/T = Instruction/Training; PS = Public Service; R= Research; S/F = Scholarships/Fellowships; SS = Student Services.

Awards by College					
PI	Department	Sponsor	Title	Award	FA
Arts & Sciences					
Aborn, David	Biological & Environmental Sciences	Tennessee River Gorge Trust	Assessing post-fledging survival and foraging habitat of Cerulean Warblers in the Tennessee River Gorge	\$3,712.00	R
Barbosa, Jose	Biological & Environmental Sciences	Nephrogenesis	Efficacy of Lipocalin Mediated Binding and Displacement of Non-polar Uremic Toxins from Protein Binding Stores	\$38,500.00	R
Boyd, Jennifer	Biological & Environmental Sciences	US Dept. of Interior - US Fish & Wildlife Service	How do light and soil moisture availability affect <i>Platanthera integrilabia</i> growth and reproduction?	\$2,737.00	R
Shaw, Joey	Biological & Environmental Sciences	NSF - National Science Foundation	Digitization TCN: Collaborative Research: The Key to the Cabinets: Building and sustaining a research database for a global biodiversity hotspot	\$301,164.00	R
Kovach, Margaret	Biological & Environmental Sciences	University of Tennessee – Health Science Center	Nanofiber Based Bone Repair Device for Limb Salvage	\$27,119.00	R
Lee, John	Chemistry	Research Corporation for Science Advancement	Acrylic Acid From CO ₂ and Ethylene Catalyzed By Cyclopentadienyl-Co(III) With Bidentate N-Heterocyclic Carbene Ligands That Contain a Bridging Amine	\$40,000.00	R
Symes, Steven	Chemistry	University of Tennessee – Health Science Center	Nanofiber Based Bone Repair Device for Limb Salvage	\$34,452.00	R
Reese, Virginia	Criminal Justice	Tennessee Coalition to End Domestic and Sexual Violence	Senator Tommy Burks Victim Assistance Academy	\$38,000.00	I/T
Ingraham, Lauren	English	Tennessee Higher Education Commission	Core to College English Redesign Team	\$3,000.00	R
Lundgrin, Elaina	English	Community Foundation of Greater Chattanooga Incorporated	Student Veterans Writing Group	\$2,000.00	SS
Noe, Marcia	English	Society for the Study of Midwestern Literature	Editing journals - MidAmerica and Midwestern Miscellany - for the Society for the Study of Midwestern Literature	\$6,000.00	PS

Tejero, Nikolasa	Music	ArtsBuild	River City Clarinet Winter Festival 2015	\$1,360.00	C/S
Mies, Jonathan	Physics, Geology, & Astronomy	Chattem, Inc.	Chemical Analyses	\$2,085.00	R
Cunningham, Christopher	Psychology	University of Tennessee - Health Science Center	Transforming the Culture of Medical Education: Integrating Staff Chaplains into an Internal Medicine Training Program	\$3,408.00	R
Foerder, Preston	Psychology	Community Foundation of Greater Chattanooga Incorporated	Enrichment for Students and Animals: Using animal behavior to encourage STEM learning	\$0.00	I/T
			Enrichment for Students and Animals: Using animal behavior to encourage STEM learning	\$15,000.00	I/T
Hood, Ralph	Psychology	University of Tennessee - Knoxville	Beyond the Shroud: Discerning Jesus in the Mind's Eye	\$78,592.00	R
				\$4,600.00	R
		Universitat Bielefeld	Developmental Change in Spirituality: Longitudinal study of faith biographies, religious schemata and their psychological correlates and predictors	\$73,708.00	R
Guo, Zibin	Sociology, Anthropology, & Geography	Community Foundation of Greater Chattanooga Incorporated	Seated/Wheelchair Tai Chi Instructor Training	\$1,998.00	PS
Honerkamp, Nicholas	Sociology, Anthropology, & Geography	St. Simons Land Trust	A Proposal for Archaeological Survey and Testing at Cannon's Point St. Simons	\$1,115.00	R
Burgess, Susanne	Southeast Center For Education In The Arts	Alabama Institute for Education in the Arts	Music Makers: Ready Readers/Literacy and Music: Classroom Partners	\$750.00	I/T
Melnik, Laurie	Southeast Center For Education In The Arts	Tennessee Arts Commission	2015 Arts and Education Forum	\$2,000.00	C/S
		Williamson County Schools	Production and Pedagogy: The balance between performance and process.	\$1,688.00	I/T
		Hunter Museum of American Art	The Art of Diagnosis: Increasing Medical Practitioner's Self-Awareness through Applied Drama and Visual Art.	\$250.00	I/T
		Love Fellowship Baptist Church	Reader's Theatre Camp Sessions	\$999.00	I/T
Kovach, Margaret	STEM Education	George R. Johnson Family Foundation	UTC STEM Education Program	\$25,000.00	IS
Engineering & Computer Science					
Rollins, Alex	Civil, Chemical, & General Engineering	Spray-Lock Concrete Protection LLC	Resistance of Colloidal Silica-Treated Concrete to Microbe-Generated H2SO4	\$12,954.00	R
Alp, Neslihan	College of Engineering	Tennessee Higher Education Commission	Center of Excellence in Applied Computational Science and Engineering	\$755,577.00	R
Eltom, Ahmed	Electrical Engineering	Tennessee Valley Authority	Study of Geomagnetically Induced Current due to Geomagnetic Disturbances	\$35,000.00	R
				\$38,402.00	R

Loveless, Daniel	Electrical Engineering	Vanderbilt University	Radiation Hardening of Low-Voltage Analog and Mixed-Signal Circuits in Sub-32 nm Technology Nodes	\$72,888.00	R
Anderson, William	Graduate School Of Computational Engineering	High Performance Technologies Inc. of Reston VA	Investigation of Unstructured Higher-Order Methods for Unsteady Flow	\$48,000.00	R
Hilbert, Christopher	Graduate School Of Computational Engineering	UT-Battelle-Oak Ridge National Laboratory	Grid Consulation Services for CASL (Consortium for Advanced Simulation of Light Water Reactors)	\$13,500.00	R
Newman, James	Graduate School Of Computational Engineering	High Performance Technologies Inc.	Investigation of Unstructured Higher-Order Methods for Unsteady Flow	\$72,000.00	R
Nichols, Stephen	Graduate School Of Computational Engineering	CHI Engineering	Physics-Based Simulation of Potential LNG Spillage	\$9,682.00	R
				\$21,200.00	R
				\$106,000.00	R
Sreenivas, Kidambi	Graduate School Of Computational Engineering	SmartTruck Systems, LLC	Simulation for TopKit Drag Reduction Device	\$10,643.00	R
			Simulation of Drag Reduction Devices for Smart Truck Systems	\$10,649.00	R
		Office of Naval Research	Adaptive Meshing of Ship Air-Wake Flowfields	\$80,000.00	R
Sutton, William	Graduate School Of Computational Engineering	US Dept. of Education	Graduate Student Resources to Support Growth in Computational Engineering	\$140,877.00	S/F
Elliott, Trevor	Mechanical Engineering	Denso North America Foundation	Baja SAE Capstone Project	\$47,000.00	AS
Goulet, Ronald	Mechanical Engineering	Denso North America Foundation	MiniBaja Capstone Project	\$10,000.00	AS
McDonald, Gary	Mechanical Engineering	Tennessee Board of Architectural and Engineering Examiners	TBAEE Instructional Equipment Grant for Mechanical Engineering	\$26,036.00	I/T
College of Health, Education, & Professional Studies					
Boykin, Twyler	Center For Community Career Ed	US Dept. of Education	Upward Bound Math and Science	\$250,000.00	PS
Brownlee, Belinda	Center for Community Career Ed	US Dept. of Education	Upward Bound at UTC	\$302,271.00	AS
Cole, Sandra	Center For Community Career Ed	Hamilton County Public Schools	PAWS Support	\$12,123.00	AS
			PAWS Summer Camp	\$8,975.00	I/T
		Community Foundation of Greater Chattanooga	PAWS College Knowledge, Now!	\$15,000.00	PS
		Tennessee Higher Education Commission	Each One Reach One (EORO)	\$49,992.00	SS
Vann, Karen	Center For Community Career Ed	US Dept. of Education	Hamilton County Talent Search 2011-2016	\$230,000.00	PS
Long, Cynthia	Center For Community Career Ed	US Dept. of Education	Educational Opportunity Center 2011-2016	\$263,047.00	AS

Huckabay, H	Center For Community Career Ed	US Dept. of Education	GEAR UP in Hamilton County, TN 2011-2018	\$624,066.00	AS
Storey, Perry	Challenger Center	Community Foundation of Greater Chattanooga Incorporated	Next Generation STEM-TECH Labs	\$9,980.00	I/T
Crawford, Elizabeth	Education	Tennessee Department of Education	2015 Governor's School for Prospective Teachers	\$60,571.00	I/T
Kendall, Catherine	Interior Design	Tennessee Board of Architectural and Engineering Examiners	TBAEE Funding for GoPro Cameras for Senior Thesis Projects	\$1,593.00	I/T
Hill, Linda	Nursing	DHHS - Health Resources and Services Administration	CRNAs in 3D: Increasing Diversity, Reducing Disparities, & Understanding the Social Determinants of Health	\$346,343.00	AS
			Nurse Anesthetists Traineeships at UTC	\$28,843.00	AS
Jackson, Joanie	Nursing	Community Foundation of Greater Chattanooga Incorporated	Falls Prevention: A Matter Of Balance Master Training	\$15,000.00	PS
Schreeder, Carolyn	Nursing	DHHS - Health Resources and Services Administration	The Interprofessional Collaborative Practice Approach for Geriatric Education Strategies (IPCP-AGES)	\$488,005.00	AS
Smith, Christine	Nursing	DHHS - Health Resources and Services Administration	PACT 4 Interprofessional Geriatric Care	\$373,273.00	AS
			Scholarships for Disadvantaged Nursing Students at UTC 2012-16	\$630,317.00	S/F
			COMPASS Project 2014-2017	\$367,317.00	AS
			UTC Advanced Education Nursing Traineeships	\$339,537.00	S/F
Ellington, J	Education	UC Foundation	Integrating Japan into Tennessee Middle and High School History and Geography Courses	\$4,999.00	I/T
		Association for Asian Studies, Inc.	Education About Asia Journal 2015	\$74,107.00	PS
		Apgar Foundation	Citizenship Institutes for Secondary School Teachers and Augmentation of 2015 UTC Constitution Day	\$20,000.00	C/S
		Freeman Foundation	National Consortium for Teaching about Asia	\$17,996.00	I/T
McAllister, Deborah	Education	Aetos Systems Inc.	STEM Saturdays	\$1,200.00	AS
		Tennessee Higher Education Commission	Building the Staircase to Algebra through Grade 5 Mathematics	\$74,926.00	I/T
		Vanderbilt University	NASA Mathematics Resources and Super Source Activities for Elementary Grades Preservice Teachers	\$12,750.00	I/T
Gamble, Anne	Education	US Dept. of Education	Teachers Helping English Language Proficiency (HELP)	\$510,725.00	AS

Hanks, June	Physical Therapy	Alliance of Women Philanthropists – Giving Circle	Human Patient Simulation in Physical and Occupational Therapy Doctoral Programs	\$5,850.00	I/T
Levine, David	Physical Therapy	LiteCure Medical, LLC	Effects of Laser Therapy on Muscle Endurance	\$1,000.00	R
Administrative Units					
McCormack, John	Radio Station	Corporation for Public Broadcasting	FY2015 CPB Community Service Grant	\$133,574.00	PS
Hamilton, Craig	Campus Law Enforcement	Tennessee Office of Criminal Justice Programs	Making our Campus Safer (MOCS)	\$60,000.00	IS
Carroll, Andrew	Center For Academic & Innovative Technologies	Benwood Foundation	Support of Geographic Information System (GIS) services by Center for Academic and Innovative Technologies (CAIT)	\$15,000.00	R
		Friends of Cloudland Canyon State Park	Cloudland Canyon/5 Points Trail Mapping and Cartographic Design	\$2,000.00	R
		Lyndhurst Foundation	Capacity Building for the UTC Interdisciplinary Geospatial Technology Lab (IGTLab)	\$100,000.00	R
		Tennessee Valley Authority	Tennessee Statewide Interactive Paddling Map and National River Database	\$35,000.00	R
Heath, Gregory	Provost's Office	National Center for Research Resources	NIH BRAD – CREATE	\$74,042.00	AS
Gholston, Shirl	Student support services	US Dept. of Education	Student Support Services 2011-15	\$284,746.00	SS

FY 2015 Submitted Proposals

Notes: Proposals are listed alphabetically by administering department and name of the lead PI, but many awards represent the collaborative efforts of multiple investigators and departments/units. Functional Areas (FA): AS= Academic Services; C/S = Conference/Seminar; IS = Institutional Support; I/T = Instruction/Training; PS = Public Service; R= Research; S/F = Scholarships/Fellowships; SS = Student Services.

Awards by College					
PI	Department	Sponsor	TITLE	Amount	FA
Arts & Sciences					
Grover, Ruth	Art	National Endowment for the Humanities	Conservation of Collected Artworks on Paper at the University of Tennessee at Chattanooga	\$6,000.00	PS
Aborn, David	Biological & Environmental Sciences	Tennessee River Gorge Trust	Assessing post-fledging survival and foraging habitat of Cerulean Warblers in the Tennessee River Gorge	\$3,711.96	R
Boyd, Jennifer	Biological And Environmental Sciences	NSF - National Science Foundation	PRELIMINARY PROPOSAL - Intraspecific variability of Appalachian and Great Plains plant species: latitudinal clines and consequences in a warming climate	\$0.00	R
		US Dept. of Interior - US Fish & Wildlife Service	How do light and soil moisture availability affect Plantanthera integrilabia and its co-occurring congeners?	\$2,736.40	R
Carver, Ethan	Biological & Environmental Sciences	National Institutes of Health	Using Existing Zebrafish Mutants to Study Muscle Development	\$255,146.10	R
Chatzimanolis, Stylianos	Biological & Environmental Sciences	National Science Foundation	PRELIMINARY PROPOSAL: RUI: ARTS: Revisionary systematics of xanthopygine rove beetles: the role of myrmecophily in the evolution of a major Neotropical lineage.	\$0.00	R
Kajita, Yukie	Biological & Environmental Sciences	National Science Foundation	Bio-Socio-Economic Aspects of Managing Invasive Hemlock Woolly Adelgids in a Southern Hemlock Refugium	\$764,174.85	R
			EI: Integrating Geospatial Technology and Computer Science for Real-World Environmental Problem Solving	\$633,070.52	I/T
Kovach, Margaret	Biological & Environmental Sciences	University of Tennessee - Health Science Center	Nanofiber Based Bone Repair Device for Limb Salvage	\$27,220.00	R
	STEM Education	National Science Foundation	Scholarships for Success in STEM Education	\$556,011.12	S/F
Wilson, Thomas	Biological & Environmental Sciences	National Science Foundation	Integrating Hands-on Herpetology with the SMART Approach to STEM Education	\$248,934.55	I/T

Gaudin, Timothy	Biological And Environmental Sciences	NSF - National Science Foundation	PRELIMINARY PROPOSAL - In search of the ancestors of the two-toed sloth: phylogeny of the Megalonychidae (Mammalia, Xenarthra, Folivora) and the early history of sloths in South America	\$0.00	R
Hayes, Loren	Biological And Environmental Sciences	NSF - National Science Foundation	IOS Preliminary Proposal: RUI: Spatiotemporal ecological variation and mammalian plural breeding: An integrative, comparative, and manipulative approach	\$0.00	R
		National Geographic Society-Committee for Research and Exploration	Why sociality?: Benefits of living in groups when conditions are harsh or unpredictable	\$18,362.00	R
Klug, Hope	Biological And Environmental Sciences	NSF - National Science Foundation	PRELIMINARY PROPOSAL: Overcoming Evolutionary History: Learning as a Mechanism to Escape Evolutionary Traps	\$0.00	R
Richards, Sean	Biological And Environmental Sciences	National Institute of Environmental Sciences	Lead Exposure and Effects on Placental 11BHSII activity and Low Birth Weight in Hamilton County, TN	\$390,989.86	
Lee, John	Chemistry	American Chemical Society	Synthesis, Characterization and Reactivity of Ruthenium(II) Complexes Supported by Electron-Rich Aromatic Ligands for Small Molecule Activation and Catalysis	\$55,000.00	R
		Research Corporation for Science Advancement	Acrylic Acid From CO2 and Ethylene Catalyzed By Cyclopentadienyl-Co(III) With Bidentate N-Heterocyclic Carbene Ligands That Contain a Bridging Amine	\$40,000.00	R
Santiago, Manuel	Chemistry	National Science Foundation	REU Site - Collaborative Interdisciplinary Research Program	\$341,970.93	R
Symes, Steven	Chemistry	University of Tennessee - Health Science Center	Nanofiber Based Bone Repair Device for Limb Salvage	\$34,452.32	R
		NSF - National Science Foundation	MRI: Acquisition of ICP-MS for Use in Environmental, Geochemical, and Human Health Research at UTC	\$261,728.00	R
Park, Han Jung	Chemistry	Oak Ridge Associated Universities	Piezoresponse force microscopic study of electrodes surface morphology	\$5,000.00	R
Park, Seong	Criminal Justice/Continuing Education	US Dept. of Justice	Interactive Effect of Perpetrators' Violence and Victims' Propensity on the Distribution of Sexual Victimization: Comparative Zero-inflated Analysis of the 2010 NISVS and the 2010 KNSVS	\$39,982.25	R
		National Institute of Justice	Patterns of Criminal Victimization: Group-based Trajectories and Repeat Measure Zero-inflated Analysis of the 2009-2013 NCVSS	\$39,060.21	R
Reese, Virginia	Criminal Justice / Continuing Ed.	Tennessee Coalition to End Domestic and Sexual Violence	2015 Senator Tommy Burks Victim Assistance Academy	\$37,999.72	I/T

Lundgrin, Elaina	English	Community Foundation of Greater Chattanooga Incorporated	Student Veterans Writing Group	\$2,000.00	SS
Ingraham, Lauren	English	Tennessee Higher Education Commission	Core to College English Redesign Team	\$3,000.00	R
Noe, Marcia	English	Society for the Study of Midwestern Literature	Editing journals - MidAmerica and Midwestern Miscellany - for the Society for the Study of Midwestern Literature	\$6,000.48	PS
Wang, Jin	Mathematics	National Science Foundation	An Engineering Math Program for Early-Stage Undergraduates	\$249,099.00	I/T
			I-Math: Interdisciplinary Math Training at UTC	\$742,818.79	I/T
Nichols, Roger	Mathematics	Simons Foundation	Spectral Theory of Differential Operators	\$33,160.00	R
Tejero, Nikolasa	Music	ArtsBuild	River City Clarinet Winter Festival 2015	\$1,700.00	C/S
Harris, Lee	Music	Community Foundation of Greater Chattanooga Incorporated	PRELIMINARY PROPOSAL: 2015 Kodaly Institute at UTC	\$0.00	C/S
			2015 Kodaly Institute at UTC	\$5,949.72	C/S
Mies, Jonathan	Physics, Geology, & Astronomy	Chattem, Inc.	Chattem XRD Analyses 2015-6	\$2,080.80	R
Bannerjee, Vasabjit	Political Science, Public Administration, & Nonprofit Management	Smith Richardson Foundation, Inc.	The Iron-Law of Peasant Revolutions – Book Proposal	\$55,039.60	R
Cunningham, Christopher	Psychology	University of Tennessee - Health Science Center	Transforming the Culture of Medical Education: Integrating Staff Chaplains into an Internal Medicine Training Program	\$3,408.00	R
Foerder, Preston	Psychology	Community Foundation of Greater Chattanooga Incorporated	PRELIMINARY PROPOSAL - Enrichment for Students and Animals: Using animal behavior to encourage STEM learning	\$0.00	I/T
			Enrichment for Students and Animals: Using animal behavior to encourage STEM learning	\$19,926.00	I/T
Hood, Ralph	Psychology	Universitat Bielefeld	Developmental Change in Spirituality: Longitudinal study of faith biographies, religious schemata and their psychological correlates and predictors	\$73,708.10	R
Ozbek, Irene	Psychology	University of Tennessee Research Foundation (UTRF)	Improved Marketability of the Wheeler Odor Threshold Test	\$15,000.00	R
Shelton, Jill	Psychology	National Science Foundation	CAREER: Isolating the Cognitive Mechanisms Supporting Prospective Memory Using Behavioral and Eye-tracking Methods	\$668,450.17	R

Guo, Zibin	Sociology, Anthropology, & Geography	Community Foundation of Greater Chattanooga Incorporated	Seated/Wheelchair Tai Chi Instructor I/T	\$1,998.00	PS
		US Dept. of Veteran's Affairs	Wheelchair Tai Chi Program for Disabled Veterans	\$171,777.90	PS
Honerkamp, Nicholas	Sociology, Anthropology, & Geography	St. Simons Land Trust	A Proposal for Archaeological Bounding at 9GN21, Cannon's Point Preserve, St. Simons Island, Georgia	\$1,114.56	R
Burgess, Susanne	Southeast Center For Education In The Arts	Alabama Institute for Education in the Arts	Music Makers: Ready Readers/Literacy and Music: Classroom Partners	\$749.52	I/T
		Community Foundation of Greater Chattanooga Incorporated	Music Makers - Ready Readers	\$19,849.32	PS
			PRELIMINARY - Literacy, Music, and Early Learning	\$0.00	I/T
Melnik, Laurie	Southeast Center For Education In The Arts	Williamson County Schools	Production and Pedagogy: The balance between performance and process.	\$1,688.04	I/T
		Hunter Museum of American Art	The Art of Diagnosis: Increasing Medical Practitioner's Self-Awareness through Applied Drama and Visual Art.	\$249.48	I/T
		Tennessee Arts Commission	9th Annual Arts & Education Forum	\$10,000.00	C/S
		Love Fellowship Baptist Church	Reader's Theater Camp Sessions	\$999.00	I/T
Engineering & Computer Science					
Onyango, Mbakisyia	Civil, Chemical, And General Engineering	National Science Foundation	Securing the Pipeline for Undergraduate Engineering Education (SPUE) Using Data Analytics	\$249,936.38	R
		US Dept. of Transportation - Federal Highway Administration	Southeastern Region Surface Transportation Workforce Center at the University of Tennessee at Chattanooga	\$987,765.71	I/T
		University of Tennessee – Knoxville	Evaluation of Geosynthetics Reinforcement in Flexible Pavement Structures Using Accelerated Pavement Testing	\$45,950.55	R
Ennis, Bryan	Civil, Chemical, And General Engineering	NSF - National Science Foundation	MRI Acquisition: High Resolution QICPIC Imager for Particle Shape Characterization to Optimize Design of Particle Packing and Granular Flows	\$330,551.00	IS
Rollins, Brent	Civil, Chemical, And General Engineering	Spray-Lock Concrete Protection, LLC	Resistance of Colloidal Silica-Treated Concrete to Microbe-Generated H2SO4	\$13,111.77	R
Alp, Neslihan	College Of Engineering And Computer Science	Tennessee Higher Education Commission	Center of Excellence in Applied Computational Science and Engineering	\$773,015.00	R
McCullough, Claire	Computer Science & Engineering	Alliance of Women Philanthropists - Giving Circle	Building Community to Increase Women's Participation in Computer Science	\$8,644.00	AS

Sartipi, Mina	Computer Science & Engineering	NSF - National Science Foundation	Collaborative Research: Efficient and Dynamic Spectrum Access for Millimeter Wave Communications in Hyper-Dense Small Cell Networks	\$352,530.88	R
			CyberSEES: Collaborative Research: Type 1: Scalable and Asset-Aware Automation Framework for Manufacturing Systems	\$199,784.24	R
		Georgia Tech Research Institute	Photonics, Electronics, and DSP Study (PEDS) for HERMES	\$234,291.41	R
Yang, Li	Computer Science & Engineering	Polytechnic University of Puerto Rico	Polytechnic University of Puerto Rico Center of Excellence in Cyber Security	\$387,900.00	R
		National Security Agency Central Security Service	Exploring IA Pedagogical Approaches and Building IA Resource Portal through Faculty Collaboration	\$294,378.18	I/T
Kizza, Joseph	Computer Science & Engineering	NSF - National Science Foundation	CyberSEES: Type 1: A Framework for an African Health Virus Monitoring and Early Warning Systems Using Big Data Analytics and Predictive Platforms (FAMWSAP)	\$399,956.08	R
		Cyber Research Institute	PRELIM PROPOSAL: Simulation of Trust and Distrust Propagation in Airborne Networks Authentication	\$0.00	R
Liang, Yu	Computer Science & Engineering	NSF - National Science Foundation	PRELIM:STC Big data Center: Enrichment, Extraction, and Application to Management of Aging Bridges	\$0.00	R
		Community Foundation of Greater Chattanooga	Improving safety in high-crime neighborhoods using cyber-physical systems	\$30,000.00	R
Wu, Dalei	Computer Science & Engineering	Oak Ridge Associated Universities	High-Confidence Infrastructure-Less Video Surveillance Powered by Hybrid Wind/Solar Energy	\$5,000.00	S/F
Tanis, Craig	Computer Science & Engineering	NSF - National Science Foundation	Splatter Domain Improvement	\$273,649.78	R
Kandah, Farah	Computer Science & Engineering	NSF - National Science Foundation	WECAAN: Wide Emergency Crowdsourced Automated Adaptive Networking System	\$598,618.67	R
			IRNC: ENGage - Research and Education Development of Open Virtual Laboratories, Networked for the Global Community (R&E DOVLab)	\$2,147,531.56	R
			VEC: Medium: Improving Safety in High-Crime Neighborhoods Using Cyber-Physical Systems	\$1,003,277.59	R
Wang, Endong	Engineering Management & Technology	NSF - National Science Foundation	CyberSEES: Type 2: Collaborative Research: Framework of Big Data-based Techniques for Assessing Sustainability of Post-Occupied Built Environments	\$199,998.58	R
Eltom, Ahmed	Electrical Engineering	Tennessee Valley Authority	Phase I for Study of Geomagnetically Induced Current due to Geomagnetic Disturbances	\$35,000.00	R
			Phase II for Study of Geomagnetically Induced Current due to Geomagnetic Disturbances	\$38,402.19	R

Loveless, Daniel	Electrical Engineering	Vanderbilt University	Radiation Hardening of Low-Voltage Analog and Mixed-Signal Circuits in Sub-32 nm Technology Nodes	\$72,888.33	R
Reising, Donald	Electrical Engineering	DOD - Department of the Air Force	Electronic Battlespace Awareness through Distinct and Native Radio Frequency Features	\$331,028.43	R
		Southeastern Center for Electrical Engineering Education	RF-DNA Fingerprinting In The Presence of Multipath Channel Interference	\$16,000.00	R
		GIRD Systems, Inc.	Exploitation Algorithms in the Compressive Sensing (Sparse Measurement) Space	\$42,996.82	R
Pankajakshan, Ramesh	Graduate School Of Computational Engineering	National Science Foundation	Design Optimization for Particle-laden Flows	\$292,604.07	R
Sreenivas, Kidambi	Graduate School Of Computational Engineering	SmartTruck Systems, LLC	Simulation for TopKit Drag Reduction Device	\$10,642.93	R
		Purdue University	Optimization of Turbine Blade Tip with Cooling	\$238,822.32	R
		SmartTruck Systems, LLC	Simulation of Drag Reduction Devices for Smart Truck Systems	\$10,648.61	R
Hilbert, Christopher	Graduate School Of Computational Engineering	DOE - UT-Battelle - Oak Ridge National Laboratory	Grid Consultation Services for CASL (Consortium for Advanced Simulation of Light Water Reactors)	\$13,499.91	R
Newman, James	Graduate School of Computational Engineering	NASA- Langley Research Center	Nonlinear Aero-Structural Interaction, Analysis, and Design Sensitivity	\$244,389.57	R
Wang, Li	Graduate School of Computational Engineering	University of Miami	High Fidelity Nonlinear Aeroelasticity Analysis and Design tool with Adjoint Sensitivity Calculation	\$222,000.31	R
Goulet, Ronald	Mechanical Engineering	Denso North America Foundation	MiniBaja Capstone Project	\$10,000.00	AS
Margraves, Charles	Mechanical Engineering	National Science Foundation	Introduction to Sustainability: Using a Zero+ Energy Building as a Living Laboratory for Middle School Students (ITEST-Strategies)	\$1,103,296.18	I/T
McDonald, Gary	Mechanical Engineering	Tennessee Board of Architectural and Engineering Examiners	TBAEE Instructional Equipment Grant for Mechanical Engineering	\$29,900.00	I/T
Elliott, Trevor	Mechanical Engineering	US Environmental Protection Agency	Living Storm Water Management Showcase in the Greater Chattanooga Area	\$15,000.00	R
		Denso North America Foundation	Baja SAE Capstone Project	\$47,000.00	AS
		Tennessee Department of Environment and Conservation	Peak and Base Load Reduction Showcase at the UT Chattanooga (UTC) Center for Energy, Transportation, and the Environment (CETE)	\$329,850.00	R

Health, Education, & Professional Studies					
Cole, Sandra	Center For Community Career Education	Alliance of Women Philanthropists - Giving Circle	College Knowledge, Now!	\$10,000.00	PS
		Tennessee Higher Education Commission	Each One Reach One (EORO)	\$99,984.00	SS
		Community Foundation of Greater Chattanooga Incorporated	PRELIMINARY PROPOSAL - PAWS College Knowledge, Now!	\$0.00	PS
			PAWS College Knowledge, Now!	\$19,743.48	PS
		Hamilton County Public Schools	PAWS Support	\$12,123.00	PS
			PAWS 2015 Summer Camp	\$8,975.88	I/T
Gholston, Shirl	Center For Community Career Education	US Dept. of Education	Student Support Services FY16-FY21	\$1,273,730.40	SS
Storey, Perry	Challenger Center	National Oceanic & Atmospheric Administration	Earth Odyssey: Building Environmental Literacy for Teachers and Students in the Tennessee Valley Region	\$489,198.62	PS
		Community Foundation of Greater Chattanooga Incorporated	PRELIMINARY: Next Generation STEM-TECH Labs	\$0.00	I/T
			Next Generation STEM-TECH Labs for the Challenger Learning Center	\$19,980.00	I/T
O'Brien Oden, Elizabeth O'Brien Oden, Elizabeth	College of Health, Education, And Professional Studies College of Health, Education, And Professional Studies	Community Foundation of Greater Chattanooga Incorporated Community Foundation of Greater Chattanooga Incorporated	Youth Mental Health First Aid Instruction in Chattanooga	\$13,105.80	PS
			PRELIMINARY: Youth Mental Health First Aid Instruction in Chattanooga	\$0.00	PS
Ellington, J	Education	Apgar Foundation	Citizenship Institutes for Secondary School Teachers and Augmentation of 2015 UTC Constitution Day	\$25,000.00	C/S
		Freeman Foundation	Freeman Foundation Teacher Professional Development Programs	\$17,996.00	AS
		Association for Asian Studies, Inc	Education About Asia Journal 2015	\$74,107.00	PS
		UC Foundation	Integrating Japan into Tennessee Middle and High School History and Geography Courses	\$4,999.00	I/T
McAllister, Deborah	Education	Tennessee Higher Education Commission	Building the Staircase to Algebra through Grade 5 Mathematics	\$74,977.92	I/T
		Kinder Morgan Foundation	STEM Saturdays: Mathematics and Connections	\$5,000.00	PS
		Aetos Systems Inc.	STEM Saturdays	\$1,200.00	AS
		Vanderbilt University	NASA Mathematics Resources and Super Source Activities for Elementary Grades Preservice Teachers	\$30,472.00	I/T
Ellis, Jennifer	Education	National Science Foundation	EI: Project EPIC: Expanding Participation in Coding: Creating an Inclusive 21 st Century Gig-Enabled Teaching and Learning Community	\$1,245,693,.23	R

Wingate, Kimberly	Education	Tennessee Higher Education Commission	Teaching Common Core Mathematics Collaboratively for Regular and Special Education Teachers	\$72,772.56	I/T
Crawford, Elizabeth	Education	Tennessee Department of Education	2015 Governor"s School for Prospective Teachers	\$60,571.00	I/T
Heath, Gregory	Health & Human Performance	Emory University	The Exercise is Medicine Solution: Primary Care Linkages with Underserved Patients through Community Supports for Chronic Disease Prevention and Control (EIMplus)	\$399,590.80	R
			The Exercise is Medicine Solution: Primary Care Linkages with Underserved Patients through Community Supports for Chronic Disease Prevention and Control (EIMplus) – Resubmission	\$399,590.80	R
Wilkerson, Gary	Health & Human Performance	NSF - National Science Foundation	A Big Data Approach to Sports Injury Prevention and Improvement of Functional Capabilities	\$599,854.10	R
		University of Tennessee Research Foundation (UTRF)	Mobile Electronic Tools for Assessment of Sport Injury Risk and Change in Functional Status over Time	\$13,480.00	R
Acocello, Shellie	Health & Human Performance	NineSigma	PRELIM PROPOSAL - iCAAR - Improving Coach Approachability and Athlete perceived norms toward Reporting concussion: Attitudes and behaviors toward concussion reporting among high school football players.	\$0.00	R
Kendall, Catherine	Interior Design	Tennessee Board of Architectural and Engineering Examiners	TBAEE Funding for GoPro Cameras for Senior Thesis Projects	\$2,200.00	I/T
Hunt, Wanda	Nursing	Boston Medical Center	Learning Together About Mammograms	\$446,754.00	R
Jackson, Joanie	Nursing	DHHS - Health Resources and Services Administration	PDSACT: Preceptor Development for Systematic Advanced Clinical Training	\$1,761,130.36	I/T
		Community Foundation of Greater Chattanooga Incorporated	PRELIMINARY PROPOSAL - Falls Prevention: A Matter Of Balance Master Training	\$0.00	PS
			Falls Prevention: A Matter Of Balance Master Training	\$19,980.00	PS
Hill, Linda	Nursing	DHHS - Health Resources and Services Administration	NAT at UTC 2015	\$0.00	S/F
Schreeder, Carolyn	Nursing	DHHS - Health Resources and Services Administration	Geriatric Integrated Primary Care and Training (Geriatric ImPaCT)	\$2,502,520.28	I/T
Hanks, June	Physical Therapy	Alliance of Women Philanthropists - Giving Circle	Human Patient Simulation in Physical and Occupational Therapy Doctoral Programs	\$10,686.00	I/T

Levine, David	Physical Therapy	LiteCure Medical, LLC	Effects of Laser Therapy on Muscle Endurance	\$999.75	R
Administrative Units					
Hamilton, Craig	Campus Law Enforcement	Tennessee Office of Criminal Justice Programs	Making our Campus Safer (MOCS)	\$180,000.37	IS
Carroll, Andrew	Center For Academic & Innovative Technologies	Friends of Cloudland Canyon State Park	Cloudland Canyon/5 Points Trail Mapping and Cartographic Design	\$2,000.80	R
		Chattanooga Chamber of Commerce	Chattanooga Area Chamber of Commerce Site Screening Decision Support Tool	\$17,089.92	R
		Tennessee Valley Authority	Tennessee Statewide Interactive Paddling Map and National River Database	\$34,999.99	R
		Lyndhurst Foundation	Capacity Building for the UTC Interdisciplinary Geospatial Technology Lab (IGTLab)	\$304,000.00	R
Parker, William	Financial Aid	Alliance of Women Philanthropists - Giving Circle	Financial Literacy - Peer Counseling	\$25,000.00	SS
Labs, Kristin	International Programs	Alliance of Women Philanthropists - Giving Circle	Say It Forward: Global Language Development for Urban Youth	\$9,370.00	PS
Orth, Linda	Records Office	US Dept. of Education	Southeast TN Veteran Academic & Leadership Organization for our Region (VALOR) Center of Excellence	\$499,948.20	SS
		Tennessee Higher Education Commission	Southeast TN Veteran Academic & Leadership Organization for our Region (VALOR) project	\$92,532.24	SS
McCormack, John	WUTC-FM	Corporation for Public Broadcasting	FY2015 CPB Community Service Grant	\$133,574.00	PS
Ford, Dawn	Walker Center For Teaching & Learning	Tennessee Higher Education Commission	Improving Mathematical Content Knowledge and Pedagogy in Middle School Teachers through a Cross-Curricular Hands-on Field Experience at the Gerace Research Centre	\$66,858.48	I/T