

University of Tennessee at Chattanooga

## Sponsored Program Activity

# Quarterly Report

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### *Office of Partnerships & Sponsored Programs*

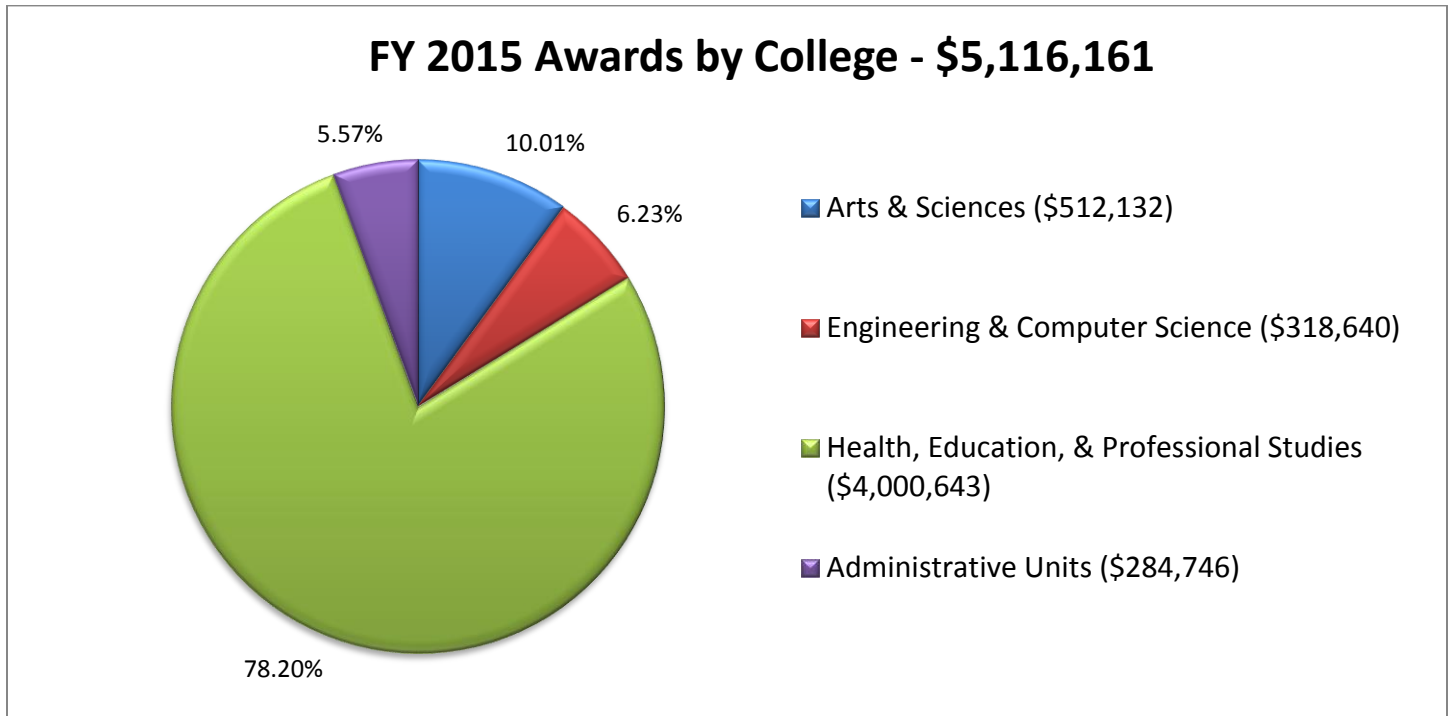
Please note: The information contained in this report is drawn from the OPSP database and provides comparisons of the amounts of external funding for the first 2 quarters of fiscal years 2014 and 2015. Only units with sponsored program activity during one or both of these periods are represented in this 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](mailto:Baley-Whary@utc.edu).

*Second Quarter: July 2014- December 2014*

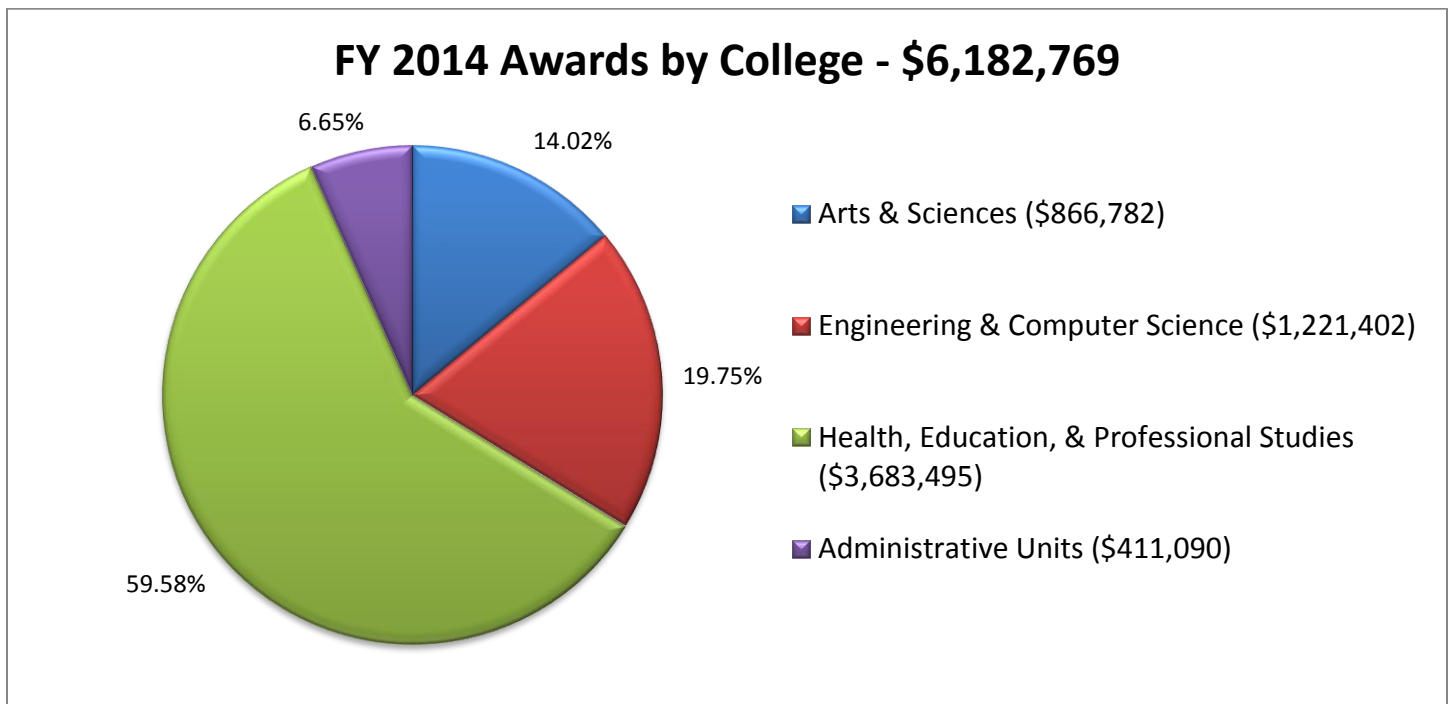
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# UTC Grant Awards

Year-to-date: July 1, 2014 – December 31, 2014

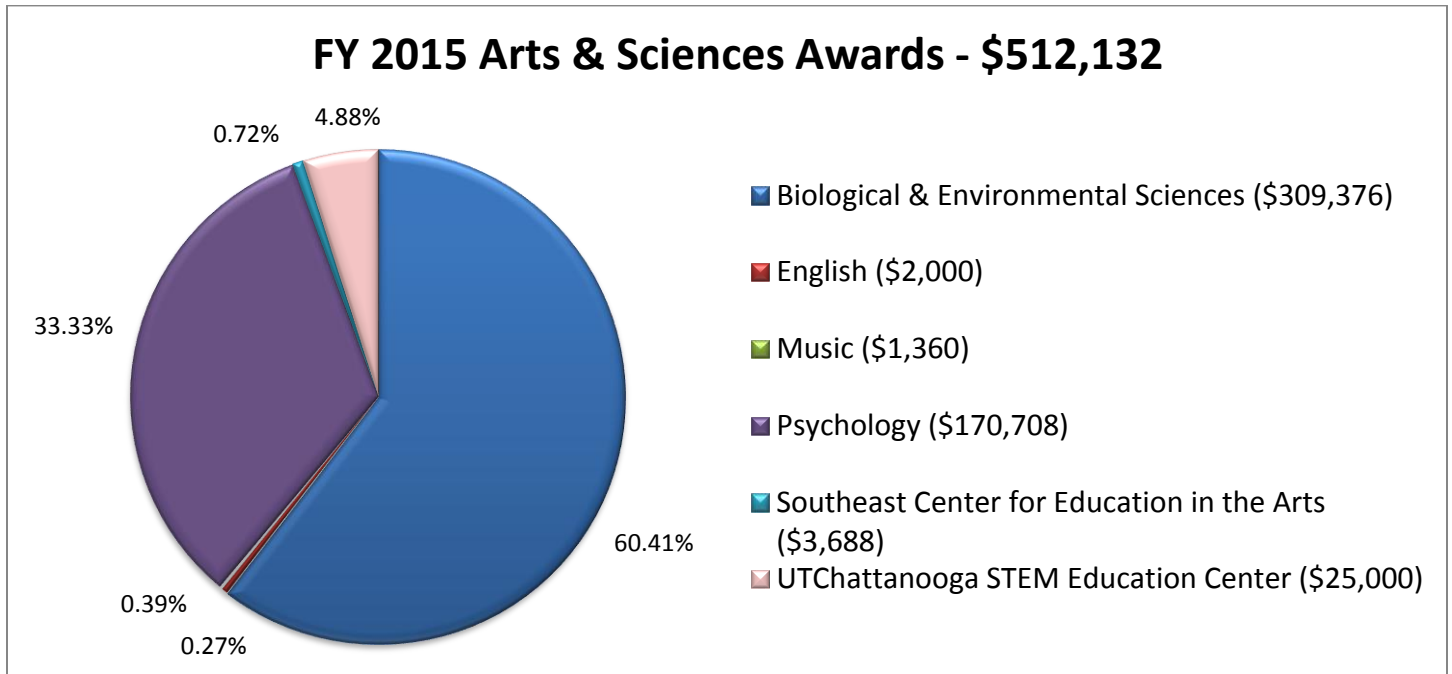


Comparison: July 1, 2013 – December 31, 2013

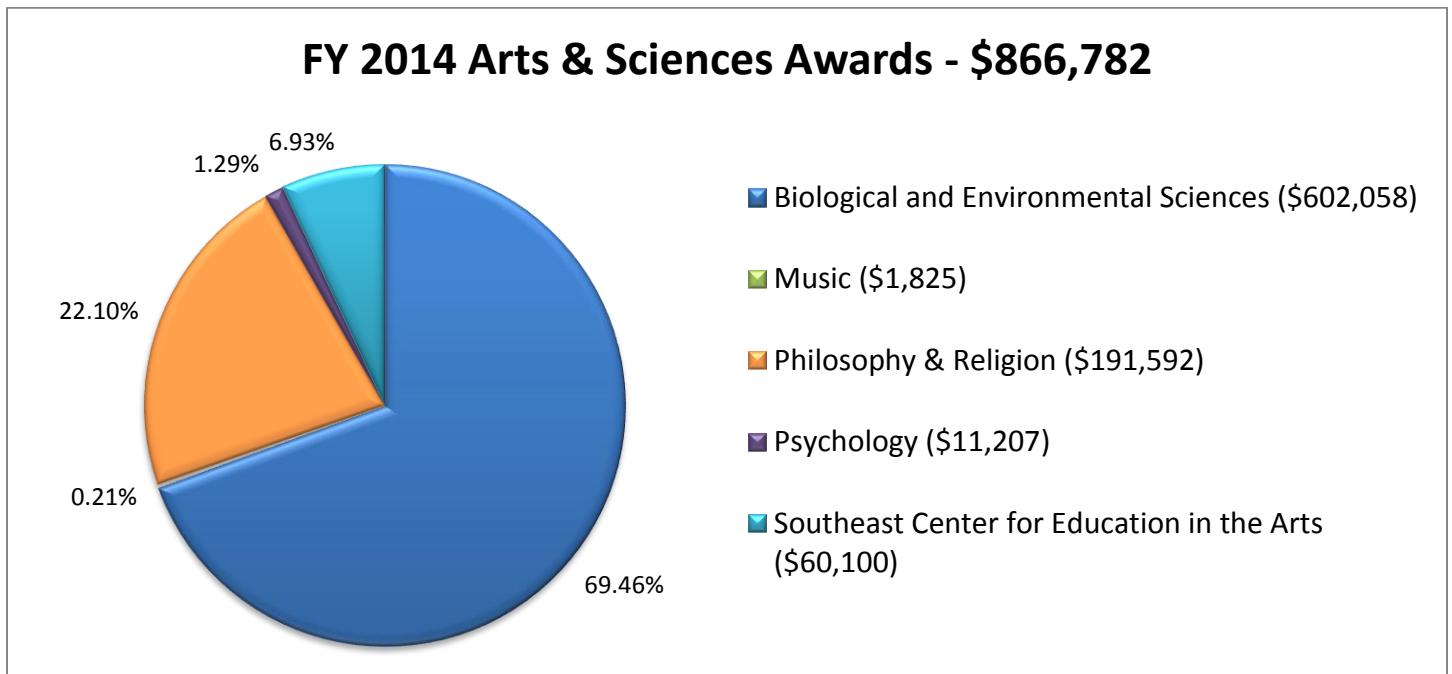


# Grant Awards: College of Arts & Sciences

Year-to-date: July 1, 2014 - December 31, 2014

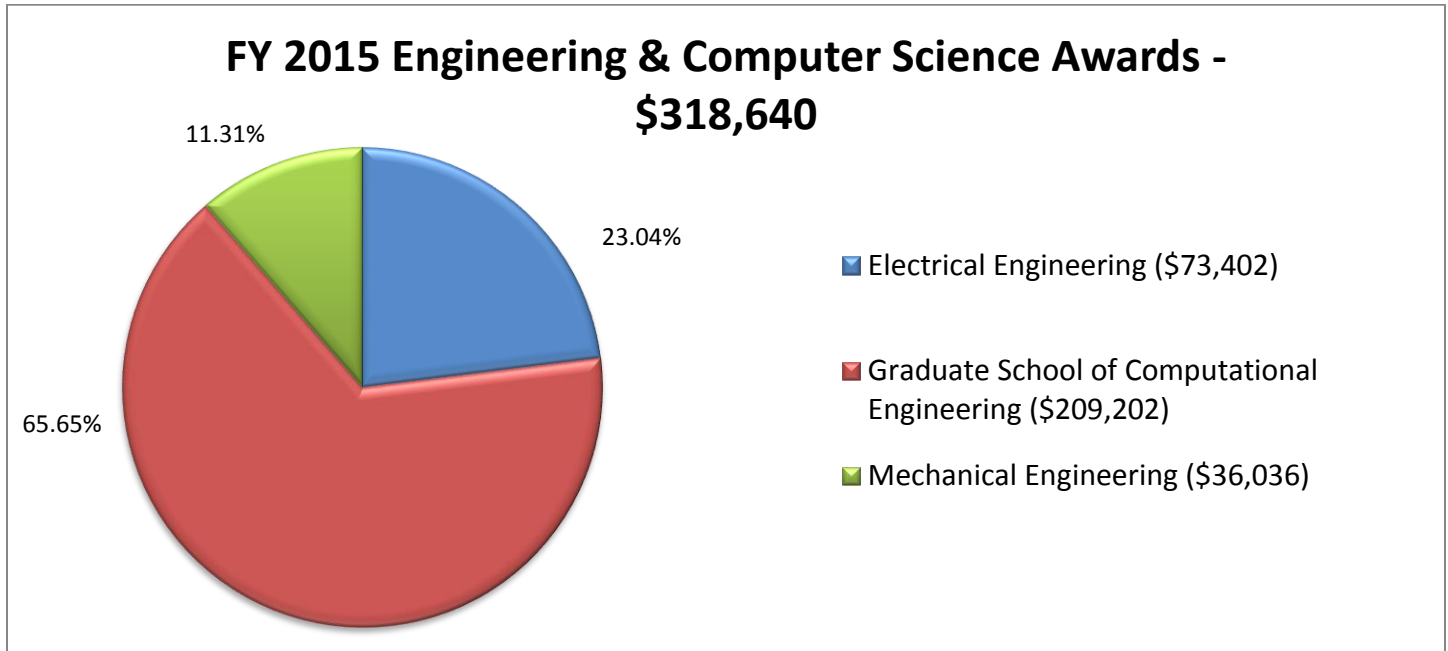


Comparison: July 1, 2013 - December 31, 2013

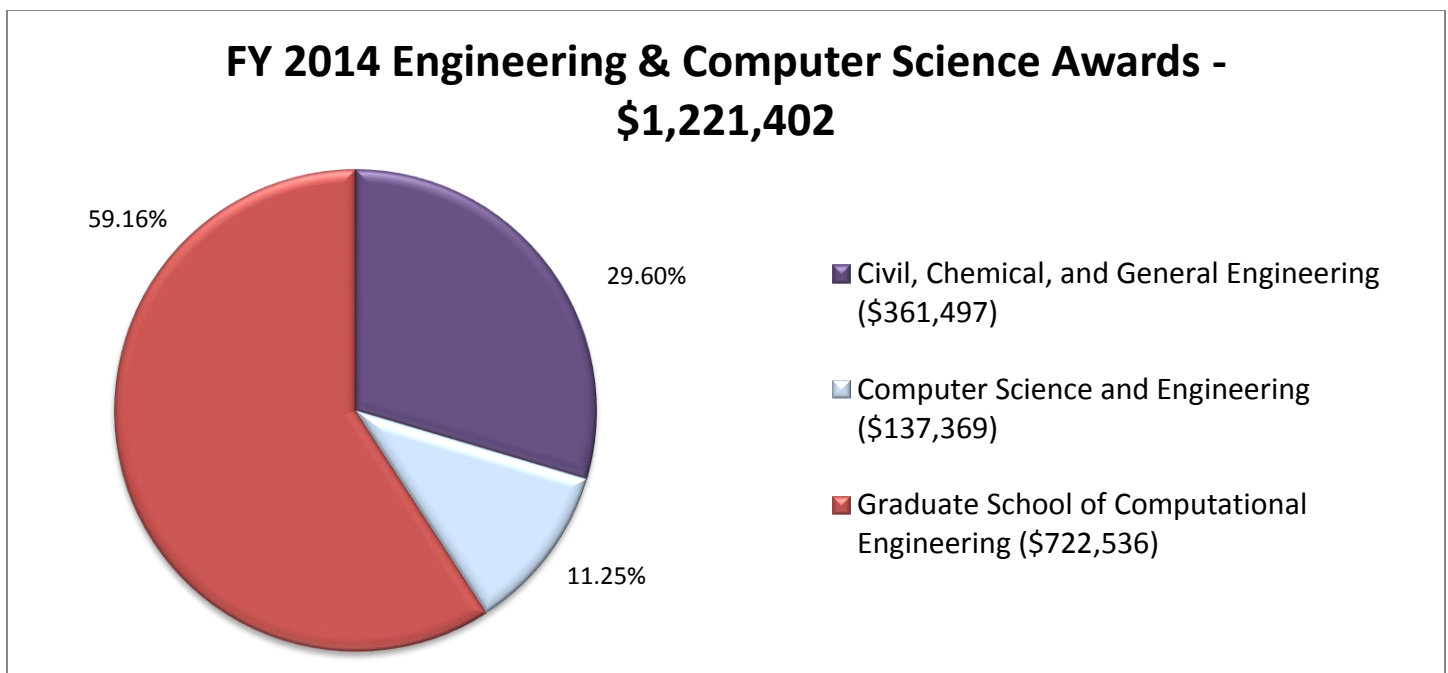


# Grant Awards: College of Engineering & Computer Science

Year-to-date: July 1, 2014 - December 31, 2014

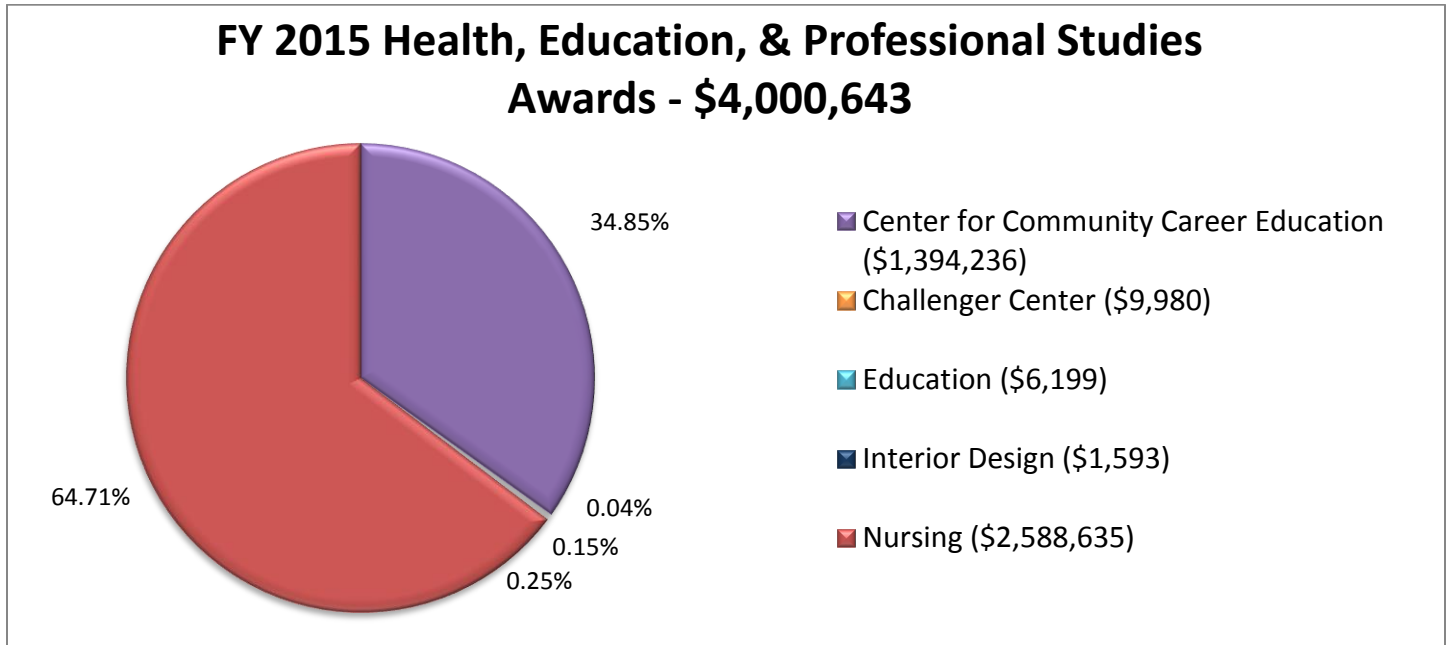


Comparison: July 1, 2013 - December 31, 2013

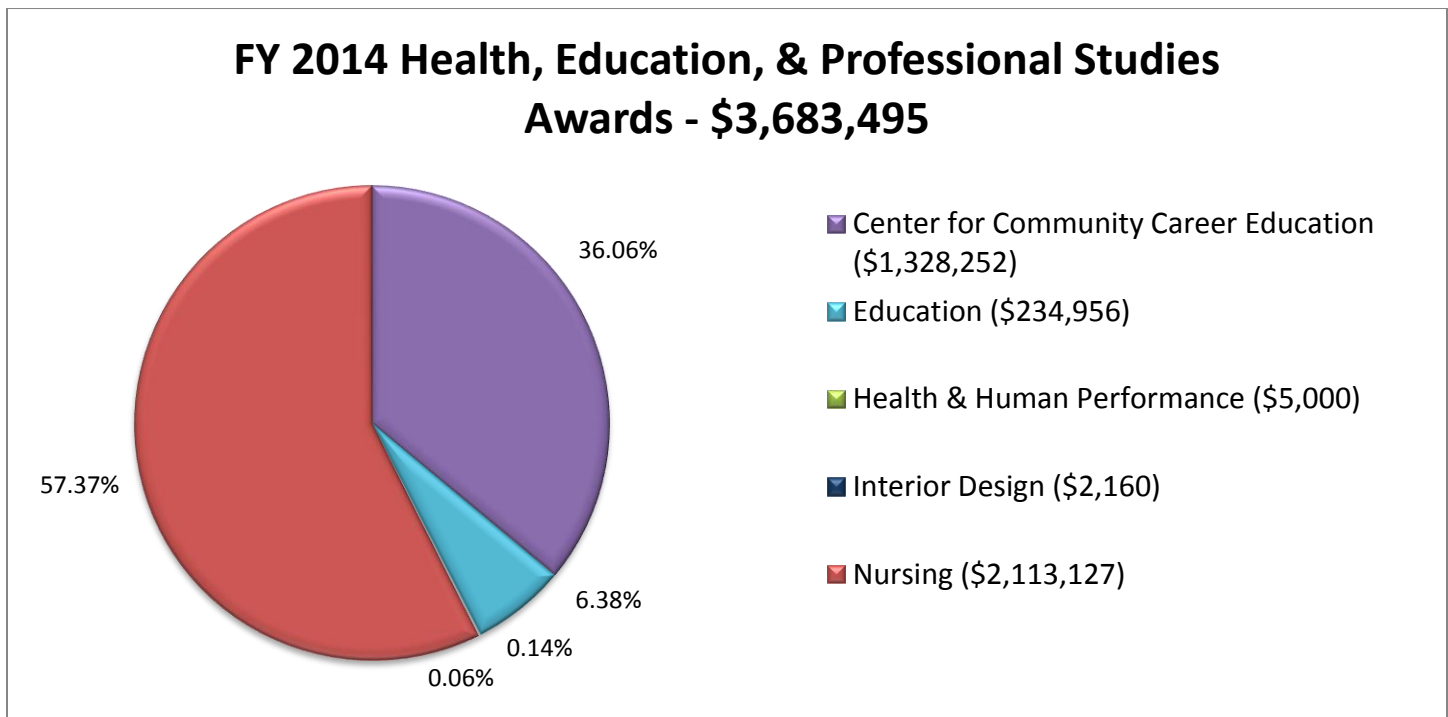


# Grant Awards: College of Health, Education, & Professional Studies

*Year-to-date: July 1, 2014 - December 31, 2014*



*Comparison: July 1, 2013 - December 31, 2013*



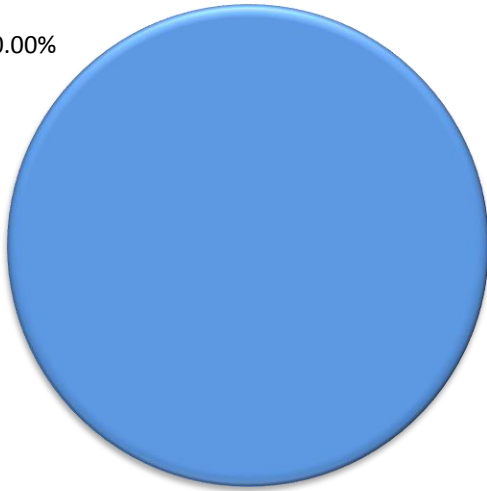
# Grant Awards: Administrative Units

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*Year-to-date: July 1, 2014 – December 31, 2014*

## FY 2015 Administrative Unit Awards - \$284,746

100.00%



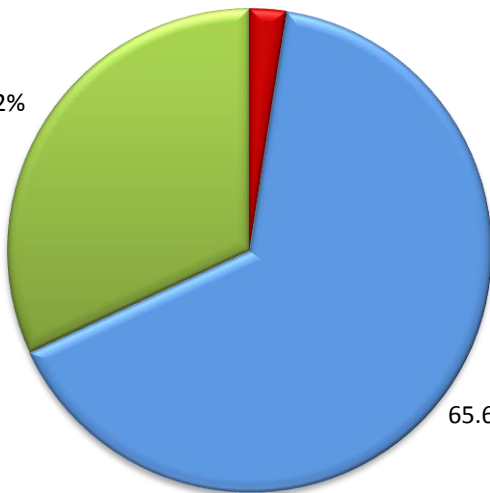
■ Student Support Services (\$284,746)

*Comparison: July 1, 2013 – December 31, 2013*

## FY 2014 Administrative Unit Awards - \$411,090

2.43%

31.92%



65.64%

■ Financial Aid (\$10,000)

■ Student Support Services (\$269,854)

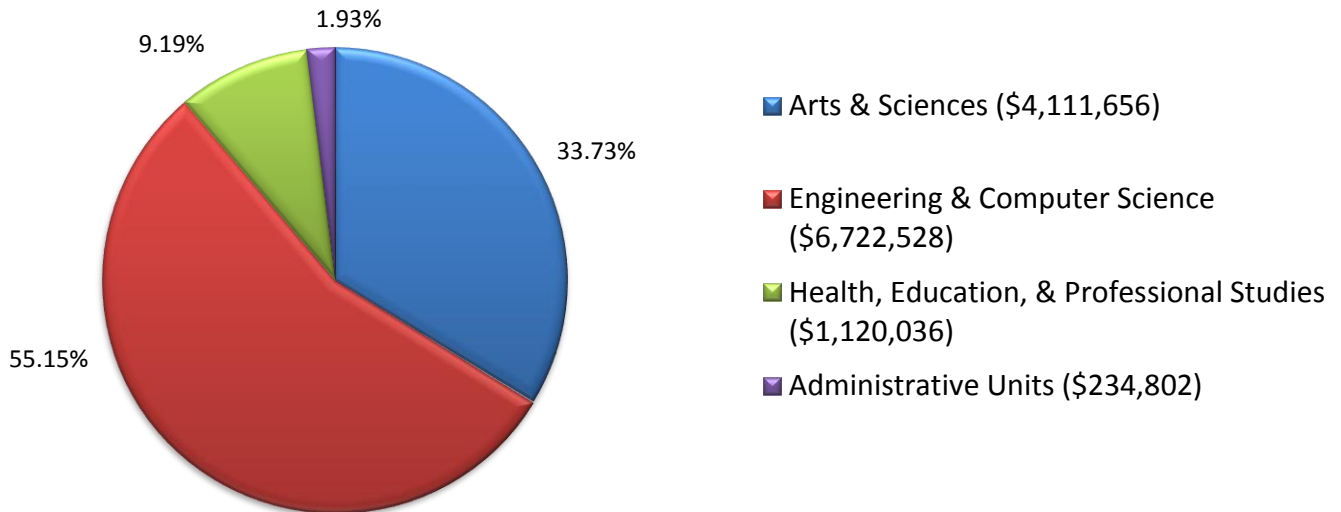
■ WUTC-FM (\$131,236)



# UTC Submitted Proposals

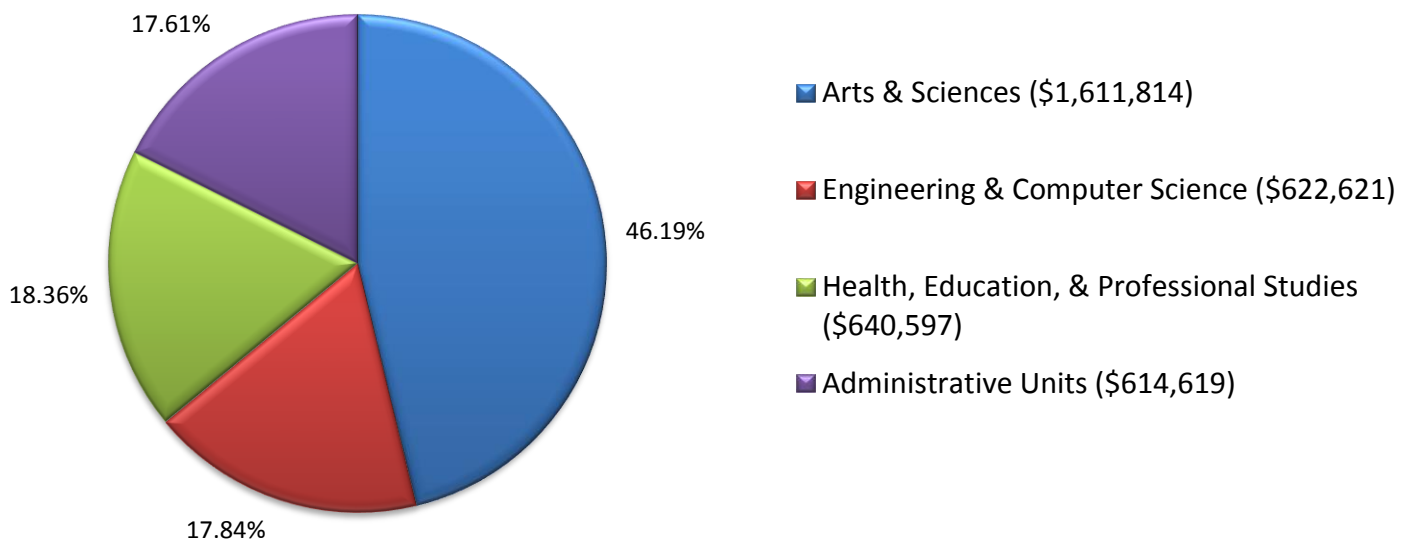
Year-to-date: July 1, 2014 – December 31, 2014

## FY 2015 Submitted Proposals by College - \$12,189,022



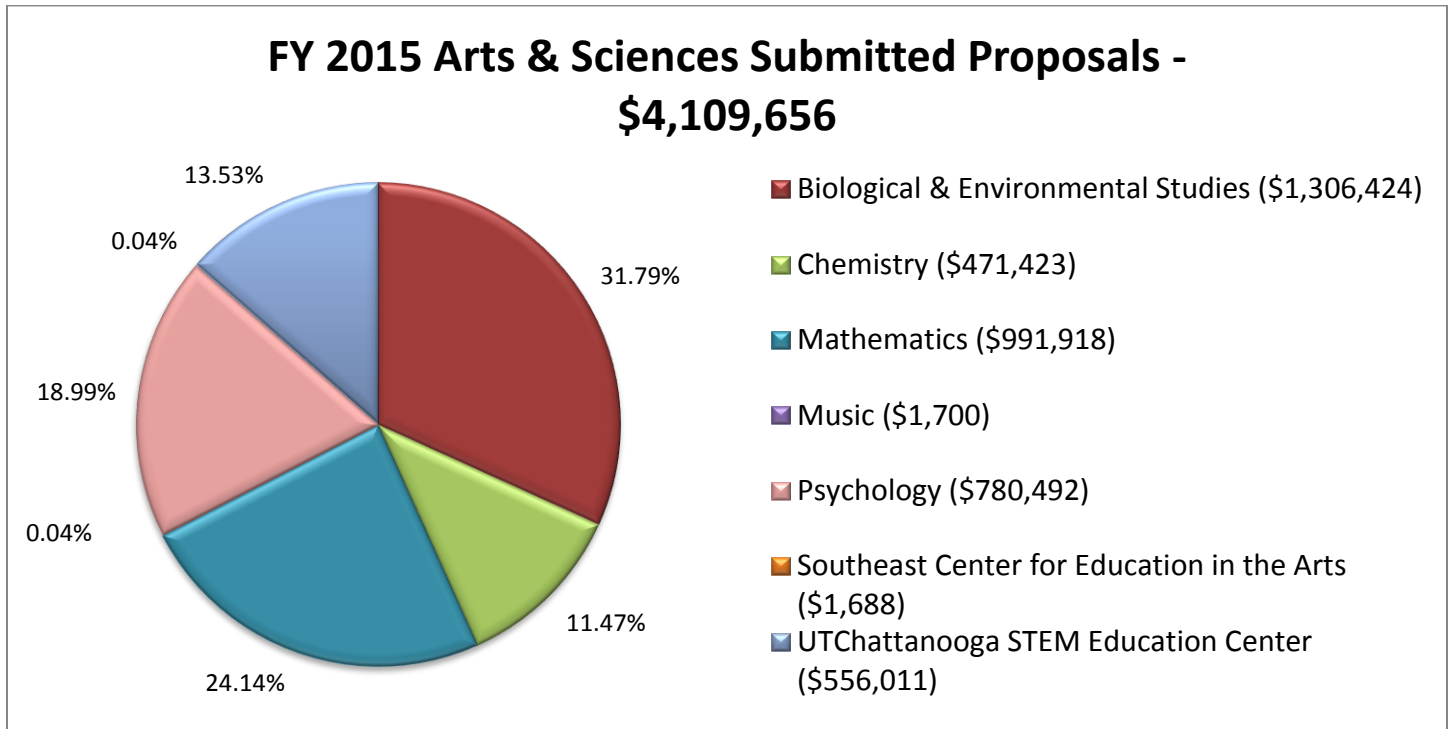
Comparison: July 1, 2013 – December 31, 2013

## FY 2014 Submitted Proposals by College - \$3,489,651

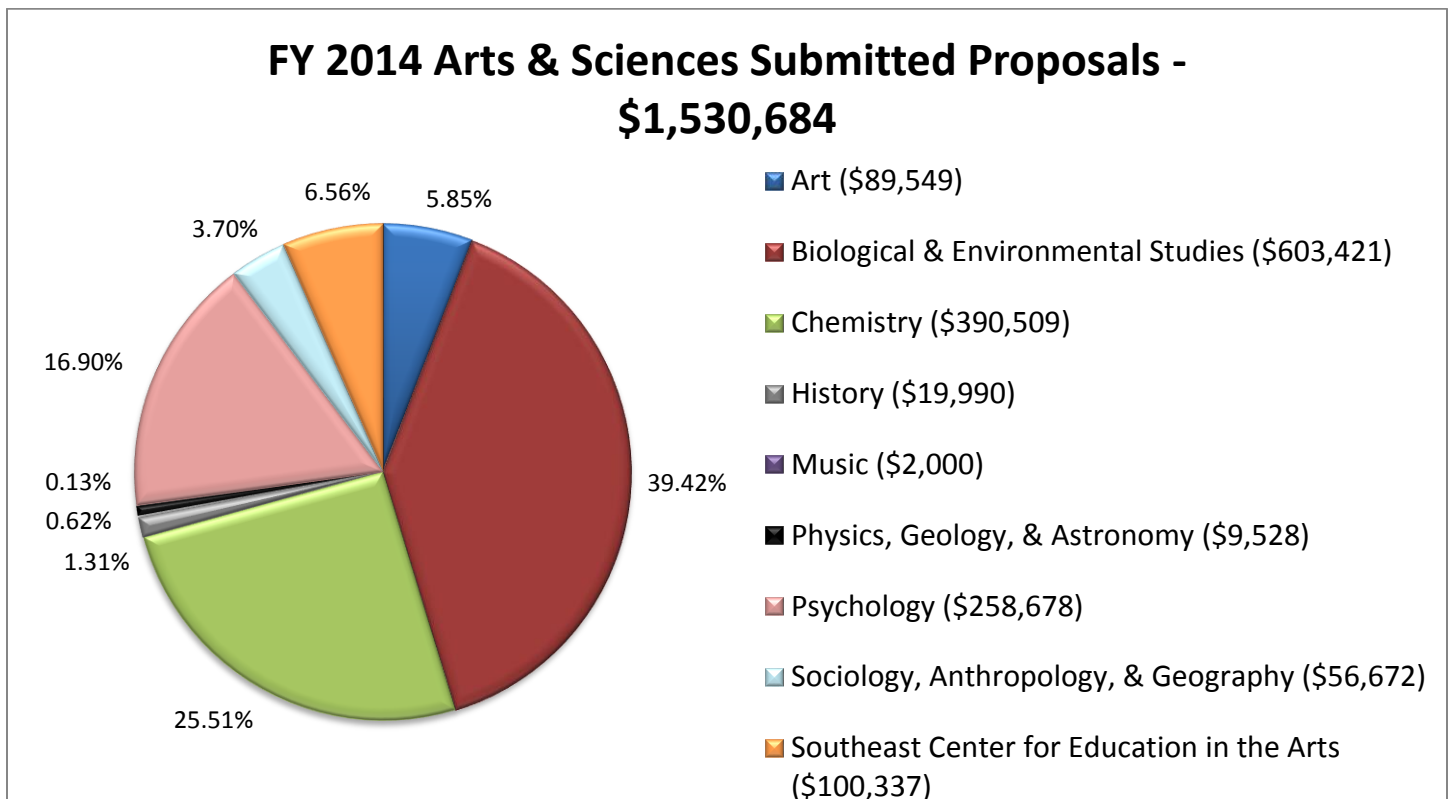


# Submitted Proposals: College of Arts & Sciences

Year-to-date: July 1, 2014 – December 31, 2014



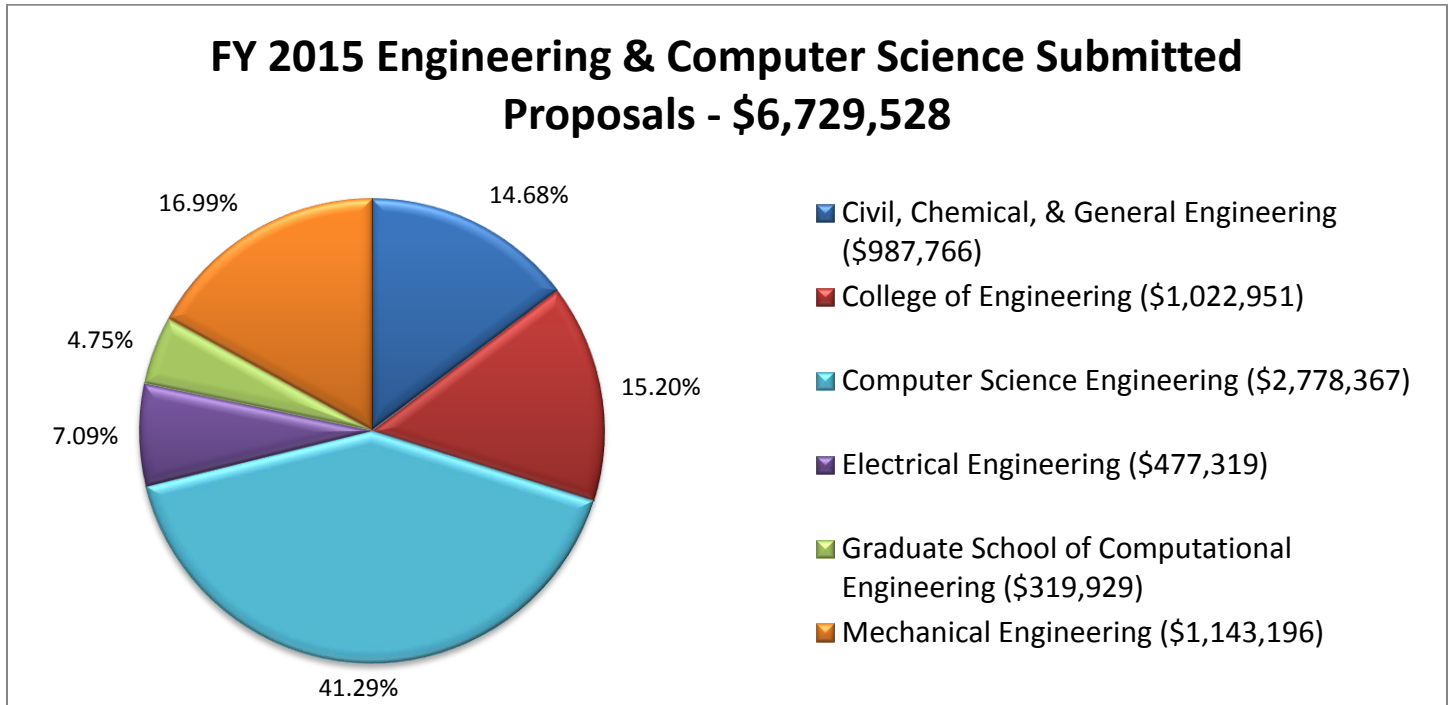
Comparison: July 1, 2013 – December 31, 2013



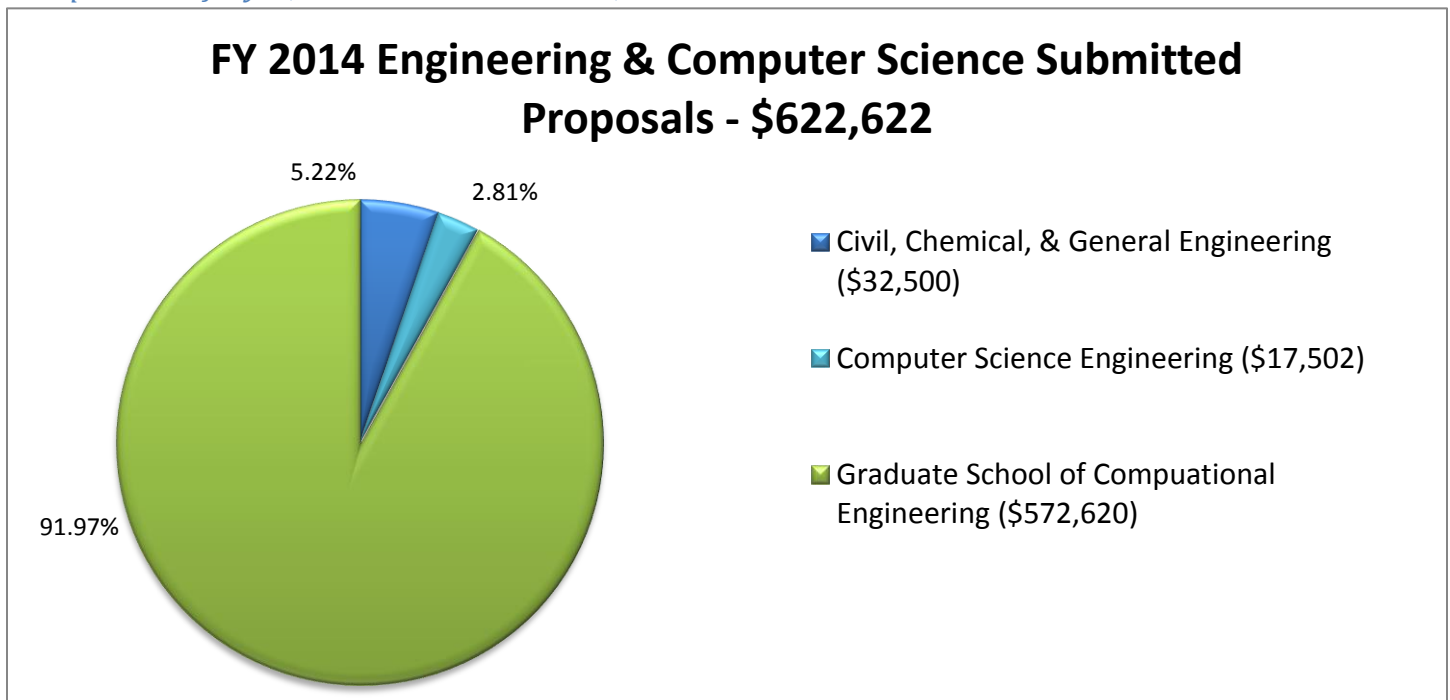


# Submitted Proposals: College of Engineering & Computer Science

*Year-to-date: July 1, 2014 - December 31, 2014*

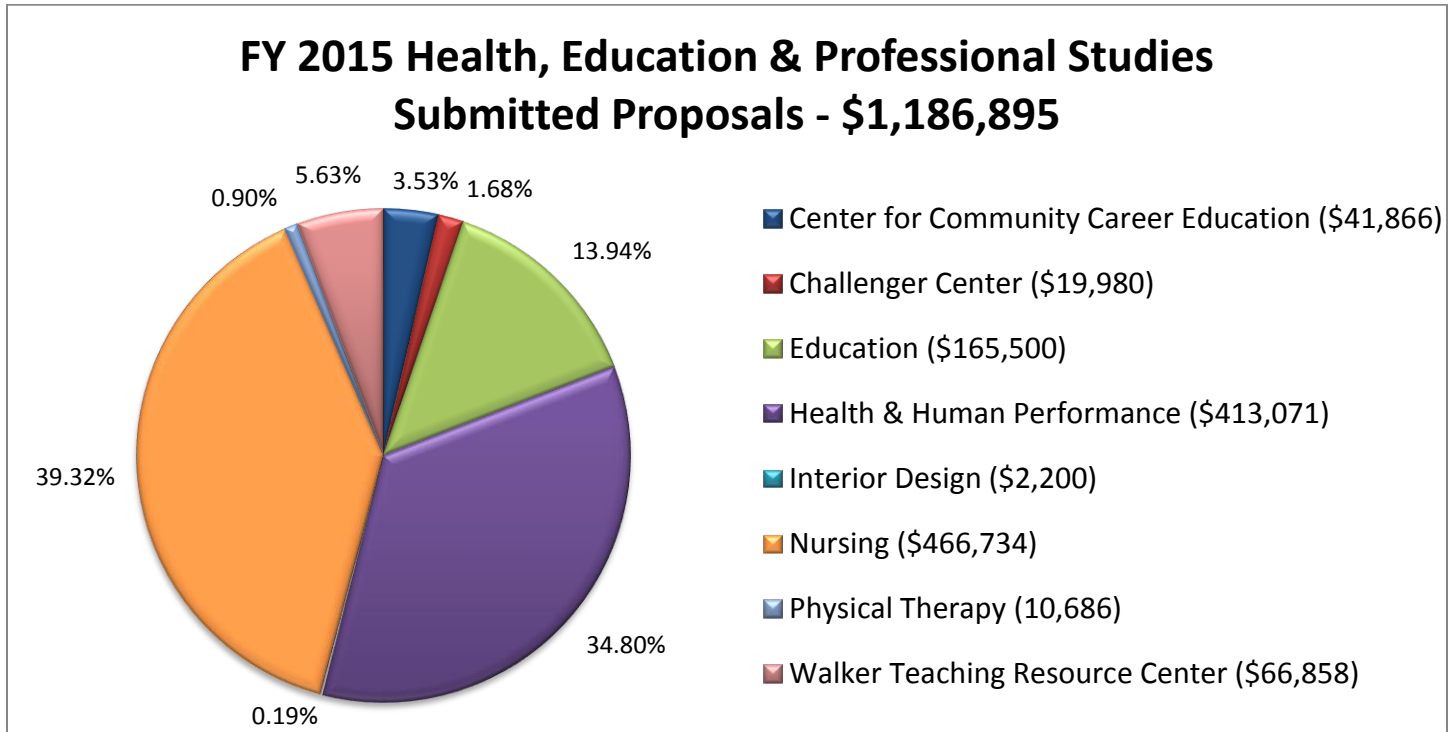


*Comparison: July 1, 2013 - December 31, 2013*

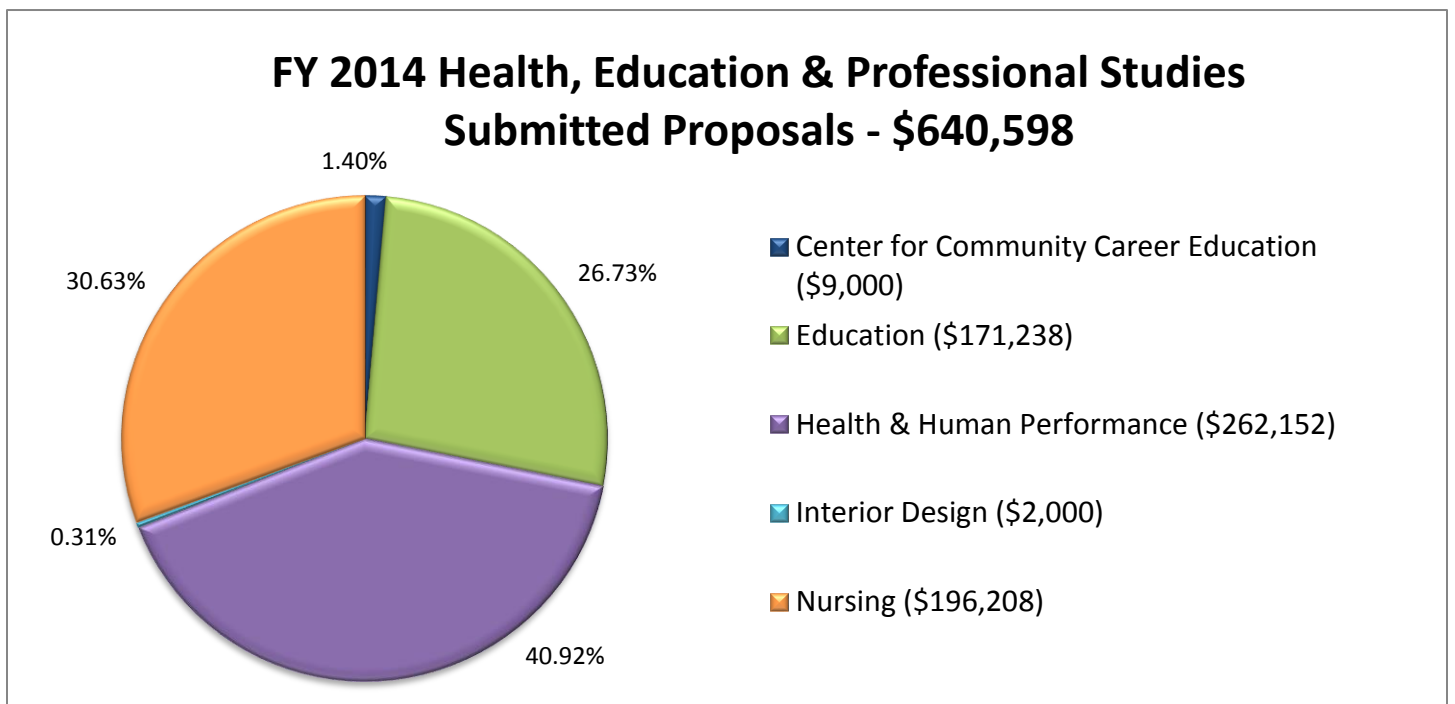


# Submitted Proposals: College of Health, Education, & Professional Studies

Year-to-date: July 1, 2014 - December 31, 2014

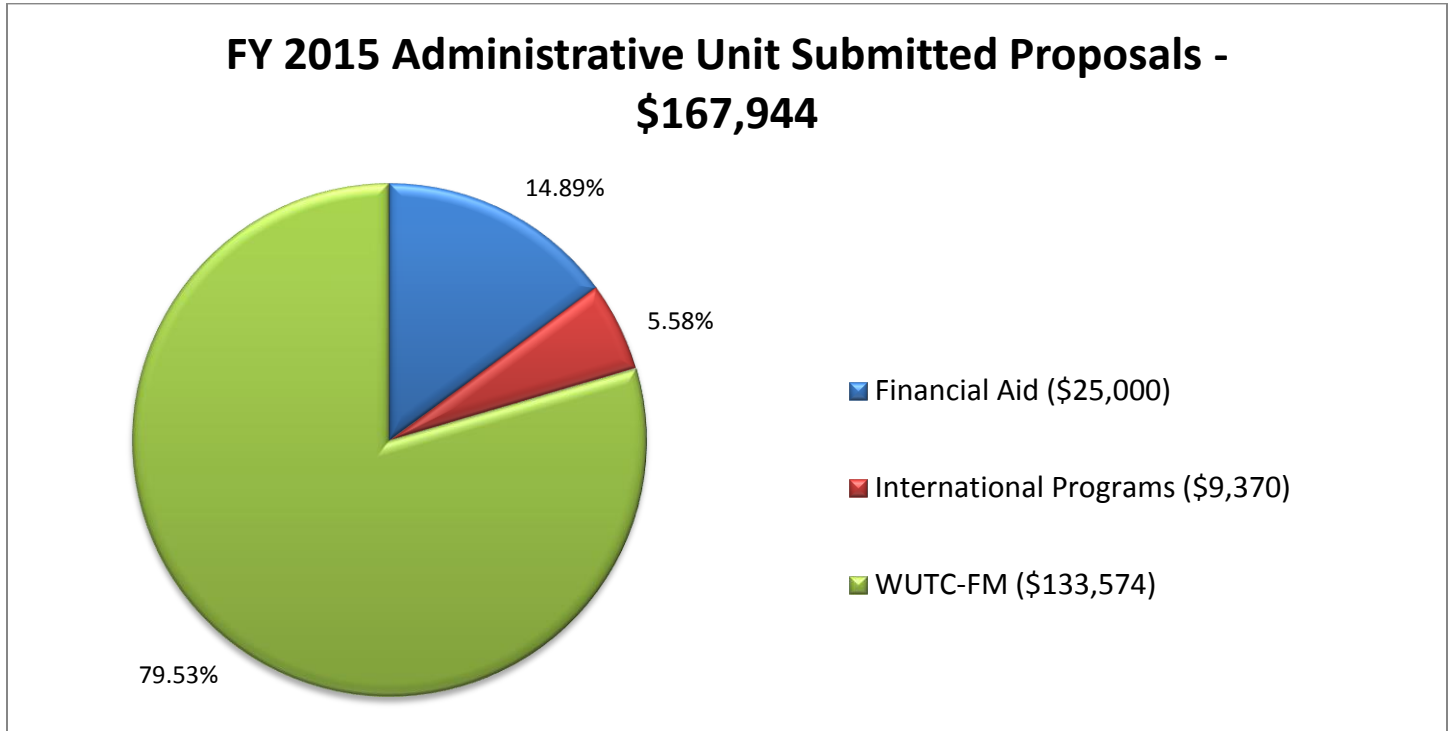


Comparison: July 1, 2013 - December 31, 2013

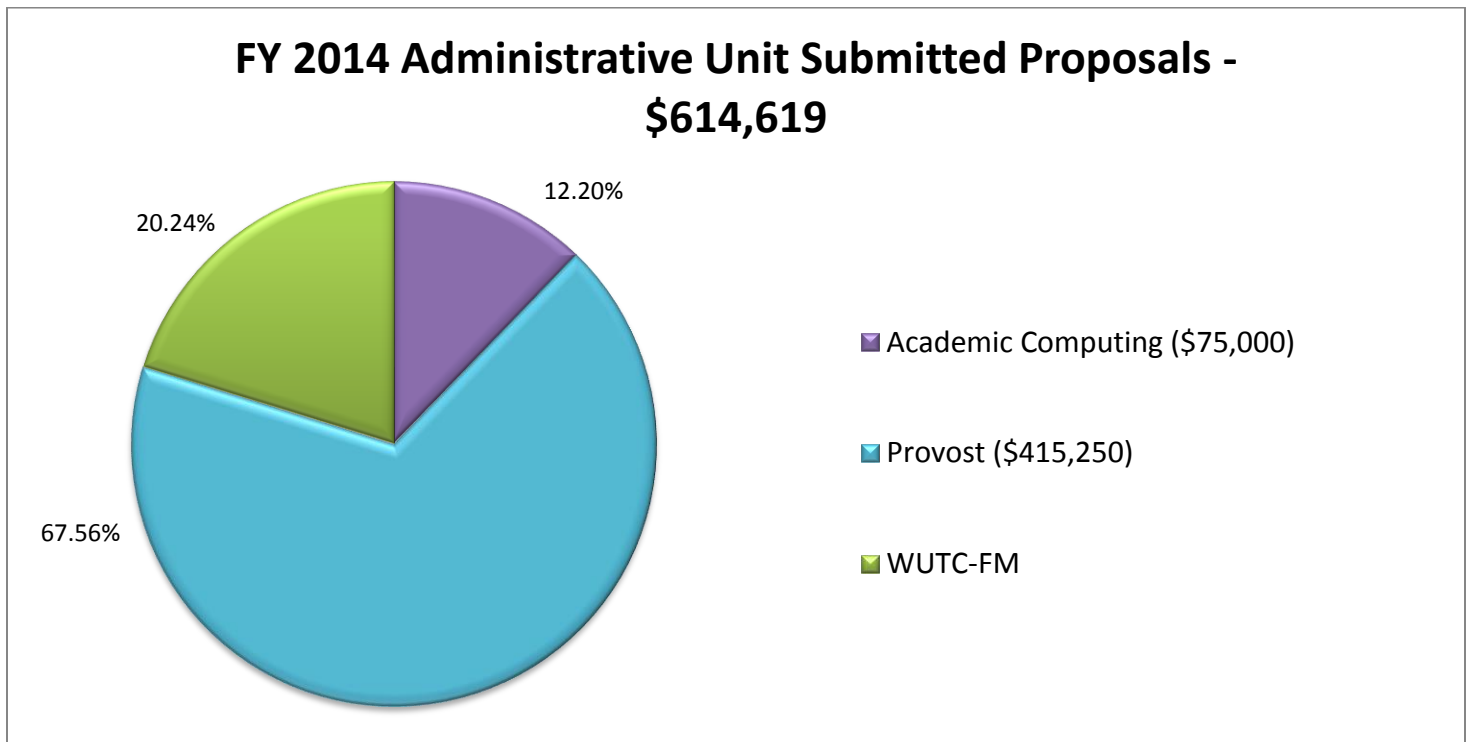


# Submitted Proposals: Administrative Units

Year-to-date: July 1, 2014 - December 31, 2014

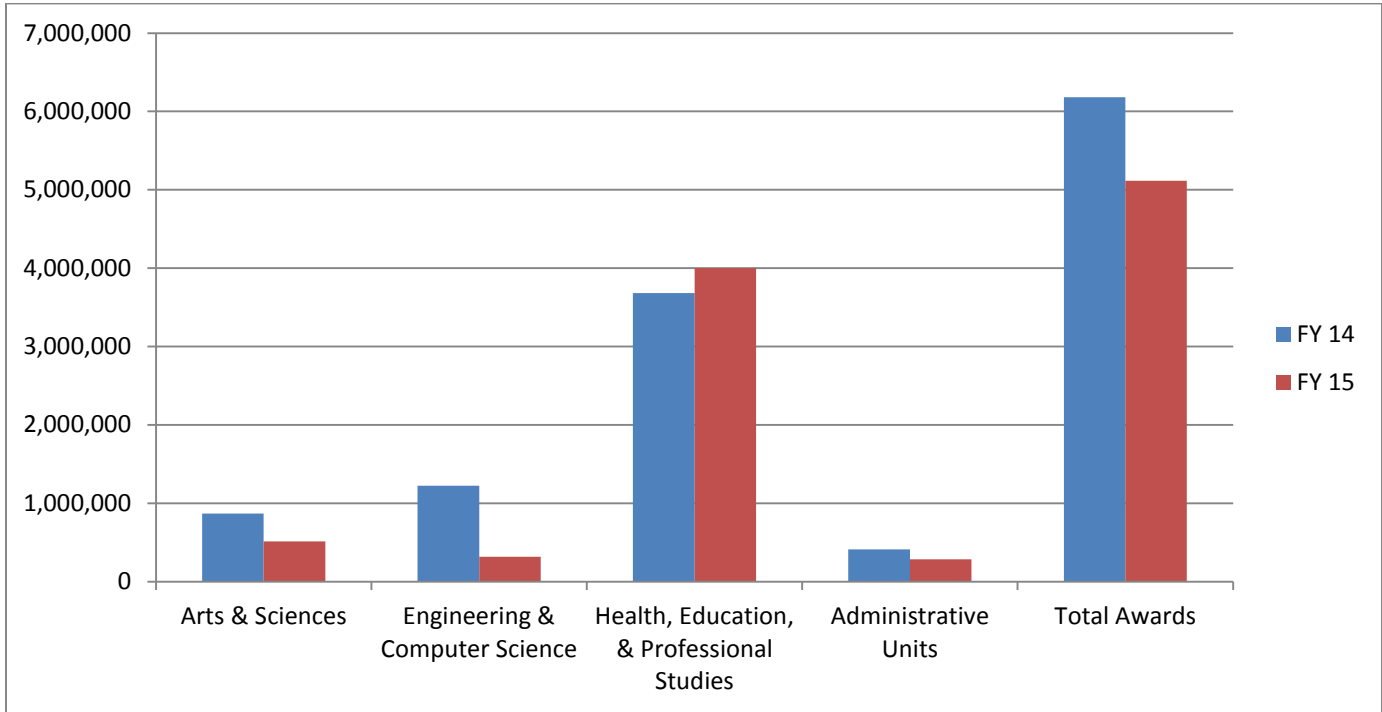


Comparison: July 1, 2013 - December 31, 2013

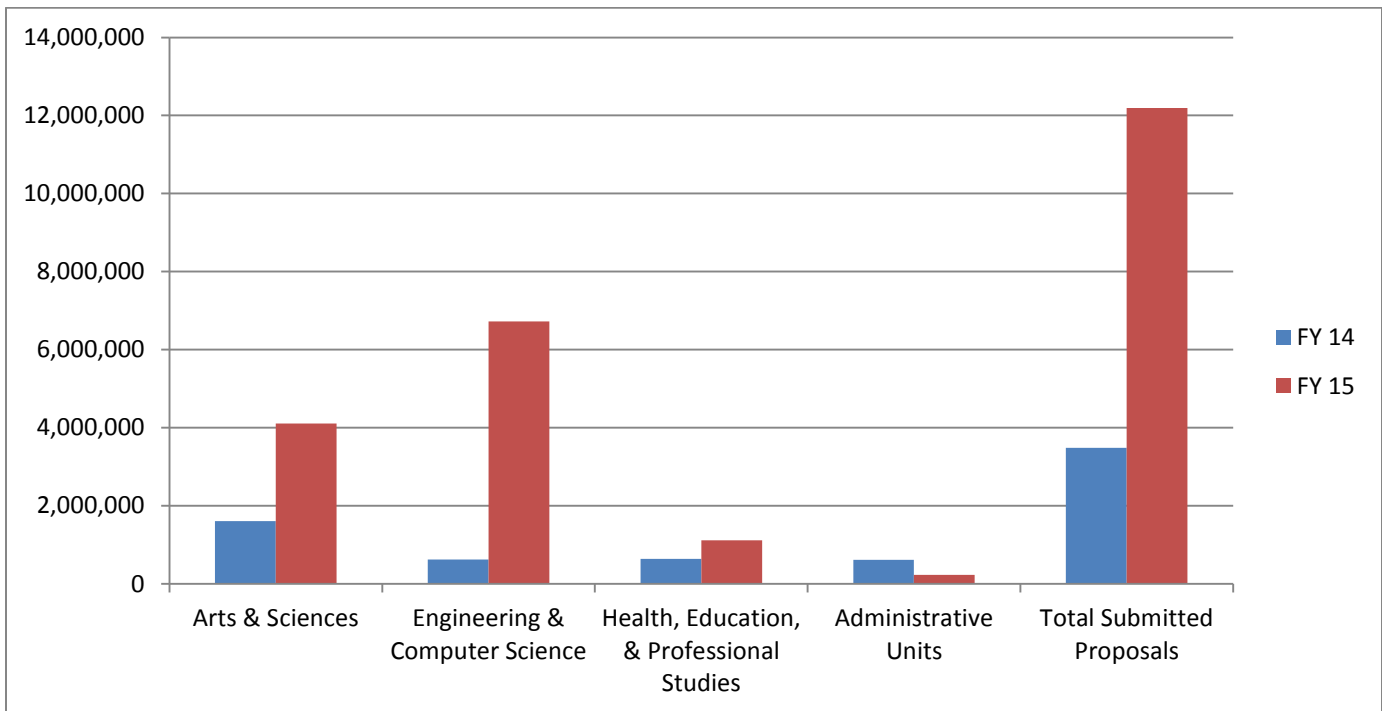


# Awards & Submitted Proposals Comparison

## Year-to-Date 1<sup>st</sup> and 2<sup>nd</sup> Quarter Awards



## Year-to-Date 1<sup>st</sup> and 2<sup>nd</sup> 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	Sponsor	Department	Title	Amount	FA
<b>Arts &amp; Sciences</b>					
Aborn, David	Tennessee River Gorge Trust	Biological And Environmental Sciences	Assessing post-fledging survival and foraging habitat of Cerulean Warblers in the Tennessee River Gorge	\$3,712.00	R
Barbosa, Jose	NephroGenesis	Biological And Environmental Sciences	Efficacy of Lipocalin Mediated Binding and Displacement of Non-polar Uremic Toxins from Protein Binding Stores	\$4,500.00	R
Shaw, Joey	NSF - National Science Foundation	Biological And Environmental Sciences	Digitization TCN: Collaborative Research: The Key to the Cabinets: Building and sustaining a research database for a global biodiversity hotspot	\$301,164.00	R
Lundgrin, Elaina	Community Foundation of Greater Chattanooga Incorporated	English	Student Veterans Writing Group	\$2,000.00	SS
Tejero, Nikolasa	ArtsBuild	Music	River City Clarinet Winter Festival 2015	\$1,360.00	C/S
Cunningham, Christopher	University of Tennessee - Health Science Center	Psychology	Transforming the Culture of Medical Education: Integrating Staff Chaplains into an Internal Medicine Training Program	\$3,408.00	R
Foerder, Preston	Community Foundation of Greater Chattanooga Incorporated	Psychology	Enrichment for Students and Animals: Using animal behavior to encourage STEM learning	\$15,000.00	I/T
Hood, Ralph	University of Tennessee - Knoxville	Psychology	Beyond the Shroud: Discerning Jesus in the Mind's Eye	\$78,592.00	R
	Universitat Bielefeld		Developmental Change in Spirituality: Longitudinal study of faith biographies, religious schemata and their psychological correlates and predictors	\$73,708.00	R
Melnik, Laurie	Tennessee Arts Commission	Southeast Center For Education In The Arts	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
Kovach, Margaret	George R. Johnson Family Foundation	UTChattanooga STEM Education	UTC STEM Education Program	\$25,000.00	IS

Engineering & Computer Science					
Eltom, Ahmed	Tennessee Valley Authority	Electrical Engineering	Study of Geomagnetically Induced Current due to Geomagnetic Disturbances	\$35,000.00	R
				\$38,402.00	R
Anderson, William	High Performance Technologies Inc. of Reston VA	Graduate School Of Computational Engineering	Investigation of Unstructured Higher-Order Methods for Unsteady Flow	\$48,000.00	R
Nichols, Stephen	CHI Engineering	Graduate School Of Computational Engineering	Physics-Based Simulation of Potential LNG Spillage	\$9,682.00	R
Sreenivas, Kidambi	SmartTruck Systems, LLC	Graduate School Of Computational Engineering	Simulation for TopKit Drag Reduction Device	\$10,643.00	R
Sutton, William	US Dept. of Education	Graduate School Of Computational Engineering	Graduate Student Resources to Support Growth in Computational Engineering	\$140,877.00	S/F
Goulet, Ronald	Denso North America Foundation	Mechanical Engineering	MiniBaja Capstone Project	\$10,000.00	AS
McDonald, Gary	Tennessee Board of Architectural and Engineering Examiners	Mechanical Engineering	TBAEE Instructional Equipment Grant for Mechanical Engineering	\$26,036.00	I/T
Health, Education, & Professional Studies					
Storey, Perry	Community Foundation of Greater Chattanooga Incorporated	Challenger Center	Next Generation STEM-TECH Labs	\$9,980.00	I/T
Kendall, Catherine	Tennessee Board of Architectural and Engineering Examiners	Interior Design	TBAEE Funding for GoPro Cameras for Senior Thesis Projects	\$1,593.00	I/T
Hill, Linda	DHHS - Health Resources and Services Administration	Nursing	Nurse Anesthetists Traineeships at UTC	\$28,843.00	AS
			CRNAs in 3D: Increasing Diversity, Reducing Disparities, & Understanding the Social Determinants of Health	\$346,343.00	AS
Jackson, Joanie	Community Foundation of Greater Chattanooga Incorporated	Nursing	Falls Prevention: A Matter Of Balance Master Training	\$15,000.00	PS
Schreeder, Carolyn	DHHS - Health Resources and Services Administration	Nursing	The InterProfessional Collaborative Practice Approach for Geriatric Education Strategies (IPCP-AGES)	\$488,005.00	AS
Smith, Chris	DHHS - Health Resources and Services Administration	Nursing	PACT 4 Interprofessional Geriatric Care	\$373,273.00	AS
			COMPASS Project 2014-2017	\$367,317.00	AS
			Scholarships for Disadvantaged Nursing Students at UTC 2012-16	\$630,317.00	S/F
			UTC Advanced Education Nursing Traineeships	\$339,537.00	S/F



Ellington, J	UC Foundation	Education	Integrating Japan into Tennessee Middle and High School History and Geography Courses	\$4,999.00	I/T
McAllister, Deborah	Aetos Systems Inc.	Education	STEM Saturdays	\$1,200.00	AS
Boykin, Twyler	US Dept. of Education	Center For Community Career Ed	Upward Bound Math and Science	\$250,000.00	PS
Cole, Sandra	Community Foundation of Greater Chattanooga Incorporated	Center For Community Career Ed	PAWS College Knowledge, Now!	\$15,000.00	PS
	Hamilton County Public Schools			\$12,123.00	AS
Vann, Karen	US Dept. of Education	Center For Community Career Ed	Hamilton County Talent Search 2011-2016	\$230,000.00	PS
Long, Cynthia	US Dept. of Education	Center for Community Career Ed	Educational Opportunity Center 2011-2016	\$263,047.00	AS
Huckabay, H	US Dept. of Education	Center for Community Career Ed	GEAR UP in Hamilton County, TN 2011-2018	\$624,066.00	AS
<b>Administrative Units</b>					
Gholston, Shirl	US Dept. of Education	Student support services	Student Support Services 2011-15	\$284,746.00	SS

# FY 2015 Submitted Proposals

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Awards by College					
PI	Sponsor	Department	Title	Amount	FA
<b>Arts &amp; Sciences</b>					
Aborn, David	Tennessee River Gorge Trust	Biological & Environmental Sciences	Assessing post-fledging survival and foraging habitat of Cerulean Warblers in the Tennessee River Gorge	\$3,711.96	R
Barbosa, Jose	NephroGenesis	Biological & Environmental Sciences	Efficacy of Lipocalin Mediated Binding and Displacement of Non-polar Uremic Toxins from Protein Binding Stores	\$4,500.00	R
Boyd, Jennifer	US Dept. of Interior - US Fish & Wildlife Service	Biological & Environmental Sciences	How do light and soil moisture availability affect Plantanthera integrilabia and its co-occurring congeners?	\$2,736.40	R
Carver, Ethan	National Institutes of Health	Biological & Environmental Sciences	Using Existing Zebrafish Mutants to Study Muscle Development	\$255,146.10	R
Chatzimanolis, Stylianos	National Science Foundation	Biological & Environmental Sciences	PRELIMINARY: 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	National Science Foundation	Biological & Environmental Sciences	Bio-Socio-Economic Aspects of Managing Invasive Hemlock Woolly Adelgids in a Southern Hemlock Refugium	\$764,174.85	R
Kovach, Margaret	University of Tennessee - Health Science Center	Biological & Environmental Sciences	Nanofiber Based Bone Repair Device for Limb Salvage	\$27,220.00	R
Wilson, Thomas	National Science Foundation	Biological & Environmental Sciences	Integrating Hands-on Herpetology with the SMART Approach to STEM Education	\$248,934.55	I/T
Lee, John	American Chemical Society	Chemistry	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 CO <sub>2</sub> and Ethylene Catalyzed By Cyclopentadienyl-Co(III) With Bidentate N-Heterocyclic Carbene Ligands That Contain a Bridging Amine	\$40,000.00	R
Santiago, Manuel	National Science Foundation	Chemistry	REU Site - Collaborative Interdisciplinary Research Program	\$341,970.93	R

Symes, Steven	University of Tennessee - Health Science Center	Chemistry	Nanofiber Based Bone Repair Device for Limb Salvage	\$34,452.32	R
Lundgrin, Elaina	Community Foundation of Greater Chattanooga Incorporated	English	Student Veterans Writing Group	\$2,000.00	SS
Wang, Jin	National Science Foundation	Mathematics	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
Tejero, Nikolasa	ArtsBuild	Music	River City Clarinet Winter Festival 2015	\$1,700.00	C/S
Cunningham, Christopher	University of Tennessee - Health Science Center	Psychology	Transforming the Culture of Medical Education: Integrating Staff Chaplains into an Internal Medicine Training Program	\$3,408.00	R
Foerder, Preston	Community Foundation of Greater Chattanooga Incorporated	Psychology	Enrichment for Students and Animals: Using animal behavior to encourage STEM learning	\$19,926.00	I/T
			PRELIMINARY: Enrichment for Students and Animals: Using animal behavior to encourage STEM learning	\$0.00	I/T
Hood, Ralph	Universitat Bielefeld	Psychology	Developmental Change in Spirituality: Longitudinal study of faith biographies, religious schemata and their psychological correlates and predictors	\$73,708.10	R
Ozbek, Irene	University of Tennessee Research Foundation (UTRF)	Psychology	Improved Marketability of the Wheeler Odor Threshold Test	\$15,000.00	R
Shelton, Jill	National Science Foundation	Psychology	CAREER: Isolating the Cognitive Mechanisms Supporting Prospective Memory Using Behavioral and Eye-tracking Methods	\$668,450.17	R
Melnik, Laurie	Williamson County Schools	Southeast Center For Education In The Arts	Production and Pedagogy: The balance between performance and process.	\$1,688.04	I/T
Kovach, Margaret	National Science Foundation	UTChattanooga STEM Education	Scholarships for Success in STEM Education	\$556,011.12	S/F
<b>Engineering &amp; Computer Science</b>					
Onyango, Mbakisyia	US Dept. of Transportation - Federal Highway Administration	Civil, Chemical, And General Engineering	Southeastern Region Surface Transportation Workforce Center at the University of Tennessee at Chattanooga	\$987,765.71	I/T
	National Science Foundation	College Of Engineering And Computer Science	Securing the Pipeline for Undergraduate Engineering Education (SPUE) Using Data Analytics	\$249,936.38	R
Alp, Neslihan	Tennessee Higher Education Commission	College Of Engineering And Computer Science	Center of Excellence in Applied Computational Science and Engineering	\$773,015.00	R
Kandah, Farah	National Science Foundation	Computer Science & Engineering	IRNC: ENgage - Research and Education Development of Open Virtual Laboratories, Networked for the Global Community (R&E DOVLab)	\$2,147,531.56	R

McCullough, Claire	Alliance of Women Philanthropists - Giving Circle	Computer Science & Engineering	Building Community to Increase Women's Participation in Computer Science	\$8,644.00	AS
Sartipi, Mina	Georgia Tech Research Institute	Computer Science & Engineering	Photonics, Electronics, and DSP Study (PEDS) for HERMES	\$234,291.41	R
Yang, Li	Polytechnic University of Puerto Rico	Computer Science & Engineering	Polytechnic University of Puerto Rico Center of Excellence in Cyber Security	\$387,900.00	R
Eltom, Ahmed	Tennessee Valley Authority	Electrical Engineering	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, Thomas	Vanderbilt University	Electrical Engineering	Radiation Hardening of Low-Voltage Analog and Mixed-Signal Circuits in Sub-32 nm Technology Nodes	\$72,888.33	R
Reising, Donald	DOD - Department of the Air Force	Electrical Engineering	Electronic Battlespace Awareness through Distinct and Native Radio Frequency Features	\$331,028.43	R
Nichols, Stephen	CHI Engineering	Graduate School Of Computational Engineering	End Date Extension and Addition of Funds for Additional Solutions for Physics-Based Simulation of Potential LNG Spillage	\$9,682.00	R
Pankajakshan, Ramesh	National Science Foundation	Graduate School Of Computational Engineering	Design Optimization for Particle-laden Flows	\$292,604.07	R
Sreenivas, Kidambi	SmartTruck Systems, LLC	Graduate School Of Computational Engineering	Simulation for TopKit Drag Reduction Device	\$10,642.93	R
Goulet, Ronald	Denso North America Foundation	Mechanical Engineering	MiniBaja Capstone Project	\$10,000.00	AS
Margraves, Charles	National Science Foundation	Mechanical Engineering	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	Tennessee Board of Architectural and Engineering Examiners	Mechanical Engineering	TBAEE Instructional Equipment Grant for Mechanical Engineering	\$29,900.00	I/T
<b>Health, Education, &amp; Professional Studies</b>					
Cole, Sandra	Community Foundation of Greater Chattanooga Incorporated	Center For Community Career Education	PRELIMINARY: PAWS College Knowledge, Now!	\$0.00	PS
	Community Foundation of Greater Chattanooga Incorporated			\$19,743.48	PS
	Alliance of Women Philanthropists – Giving Circle		PAWS College Knowledge, Now!	\$10,000.00	PS
	Hamilton County Public Schools			\$12,123.00	PS
Storey, Perry	Community Foundation of Greater Chattanooga Incorporated	Challenger Center	Next Generation STEM-TECH Labs for the Challenger Learning Center	\$19,980.00	I/T
			PRELIMINARY: Next Generation STEM-TECH Labs	\$0.00	I/T

Ford, Dawn	Tennessee Higher Education Commission	Education	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
Ellington, J	UC Foundation	Education	Integrating Japan into Tennessee Middle and High School History and Geography Courses	\$4,999.00	I/T
McAllister, Deborah	Tennessee Higher Education Commission	Education	Building the Staircase to Algebra through Grade 5 Mathematics	\$74,977.92	I/T
	Vanderbilt University		NASA Mathematics Resources and Super Source Activities for Elementary Grades Preservice Teachers	\$12,750.00	C/S
Wingate, Kimberly	Tennessee Higher Education Commission	Education	Teaching Common Core Mathematics Collaboratively for Regular and Special Education Teachers	\$72,772.56	I/T
Heath, Gregory	Emory University	Health & Human Performance	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
Wilkerson, Gary	University of Tennessee Research Foundation (UTRF)	Health & Human Performance	Mobile Electronic Tools for Assessment of Sport Injury Risk and Change in Functional Status over Time	\$13,480.00	R
Kendall, Catherine	Tennessee Board of Architectural and Engineering Examiners	Interior Design	TBAEE Funding for GoPro Cameras for Senior Thesis Projects	\$2,200.00	I/T
Hunt, Wanda	Boston Medical Center	Nursing	Learning Together About Mammograms	\$446,754.00	R
Jackson, Joanie	Community Foundation of Greater Chattanooga Incorporated	Nursing	PRELIMINARY: Falls Prevention: A Matter Of Balance Master Training	\$0.00	PS
			Falls Prevention: A Matter Of Balance Master Training	\$19,980.00	PS
Hanks, June	Alliance of Women Philanthropists – Giving Circle	Physical Therapy	Human Patient Simulation in Physical and Occupational Therapy Doctoral Programs	\$10,686.00	I/T
<b>Administrative Units</b>					
Parker, William	Alliance of Women Philanthropists - Giving Circle	Financial Aid	Financial Literacy - Peer Counseling	\$25,000.00	SS
Labs, Kristin	Alliance of Women Philanthropists - Giving Circle	International Programs	Say It Forward: Global Language Development for Urban Youth	\$9,370.00	PS
McCormack, John	Corporation for Public Broadcasting	Radio Station	FY2015 CPB Community Service Grant	\$133,574.00	PS