

UNIVERSITY OF TENNESSEE AT CHATTANOOGA

SPONSORED PROGRAM ACTIVITY

QUARTERLY REPORT



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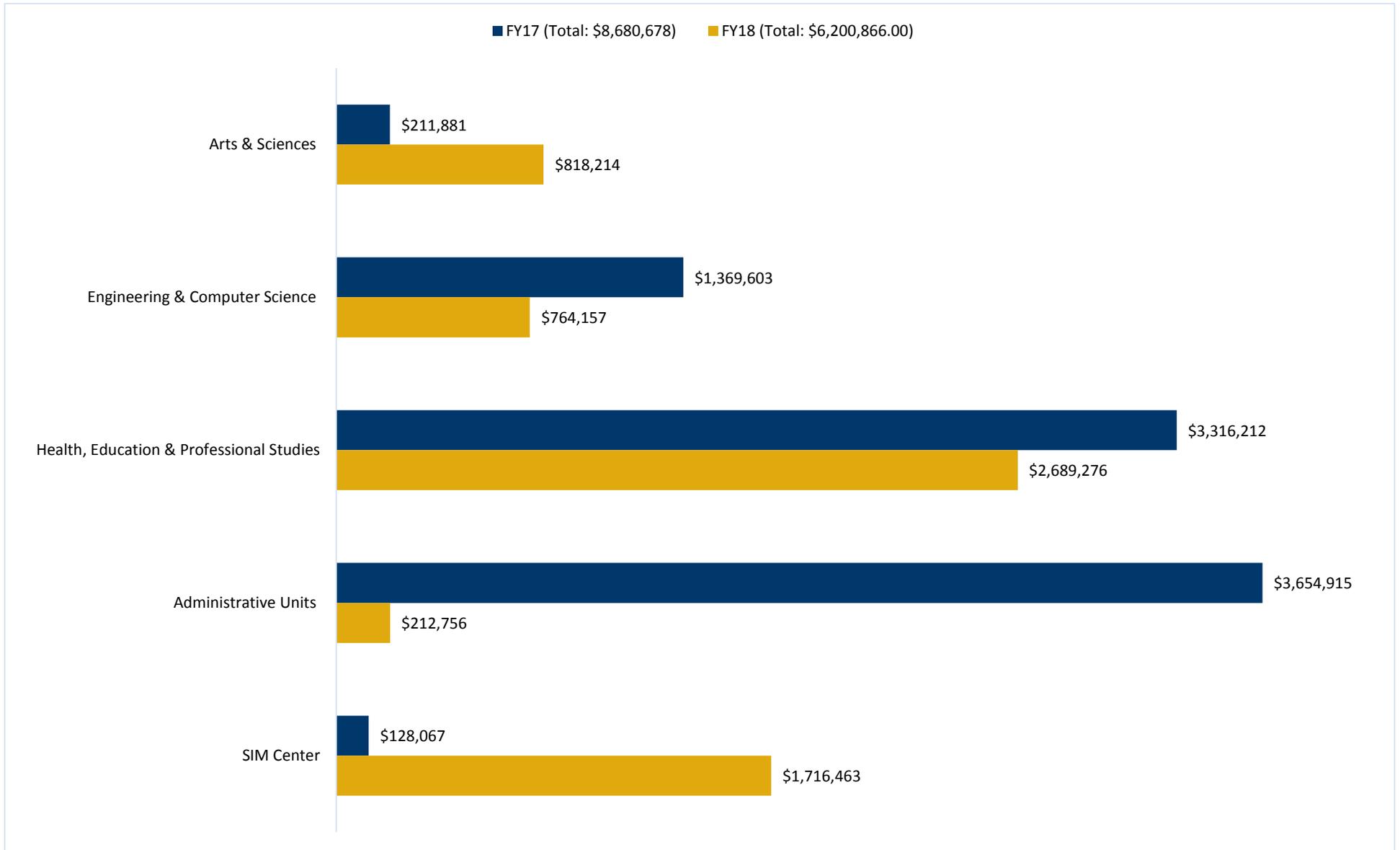
INTRODUCTION

THIRD QUARTER: JULY 1, 2017 – MARCH 31, 2018

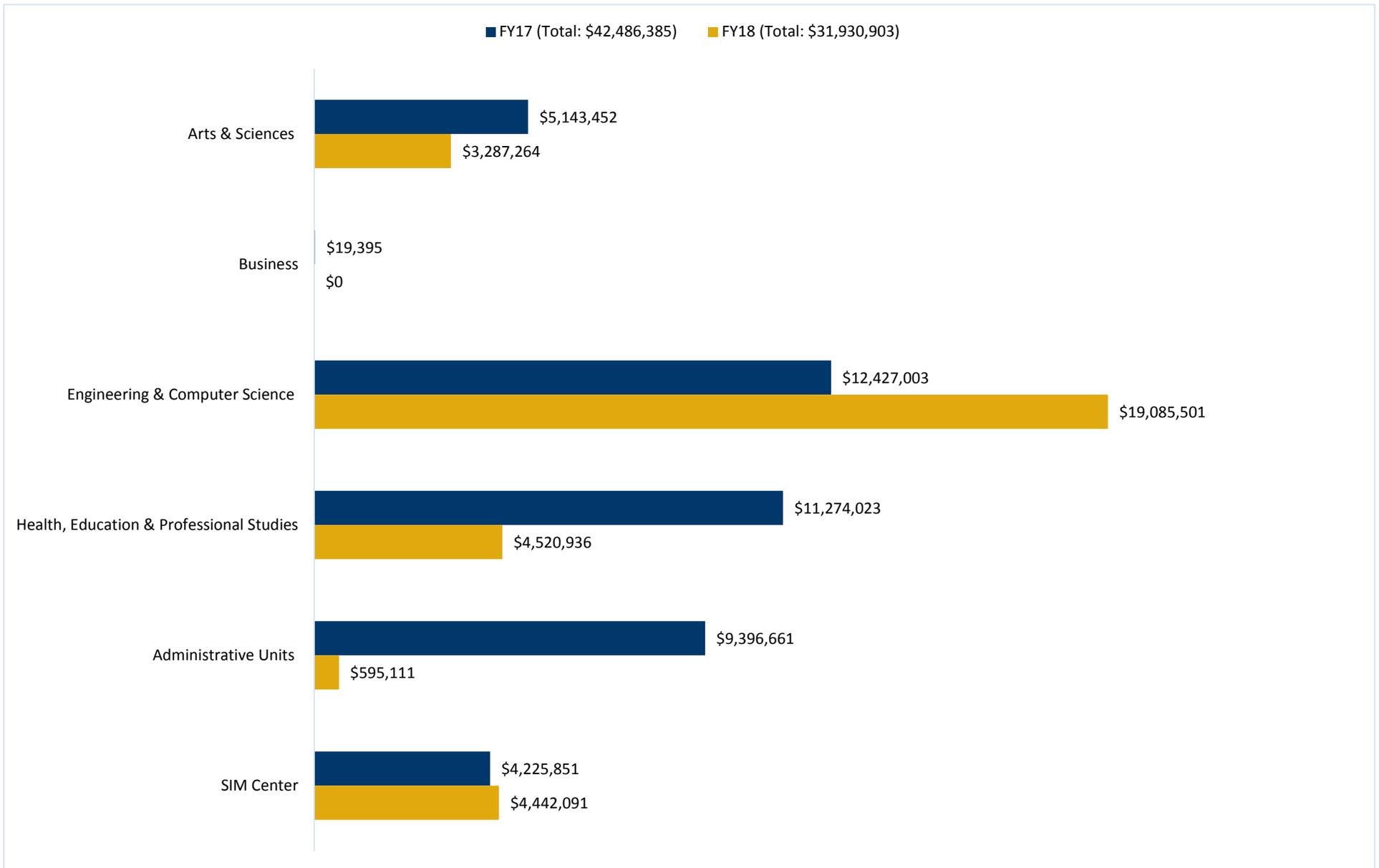
The information contained in this report is drawn from the Cayuse database and provides comparisons of the amounts of external funding for the third quarter of FY17 and FY18. This report includes all proposals and awards that were reported and approved by March 31, 2018. Proposals submitted for internal routing but not yet approved and awards not fully processed as of that date will be included in future quarterly reports. If any of the information in this report does not correspond to your records or you have general questions, please notify orsp@utc.edu.



UTC SPONSORED PROGRAMS – AWARDS FY17/FY18 COMPARISON



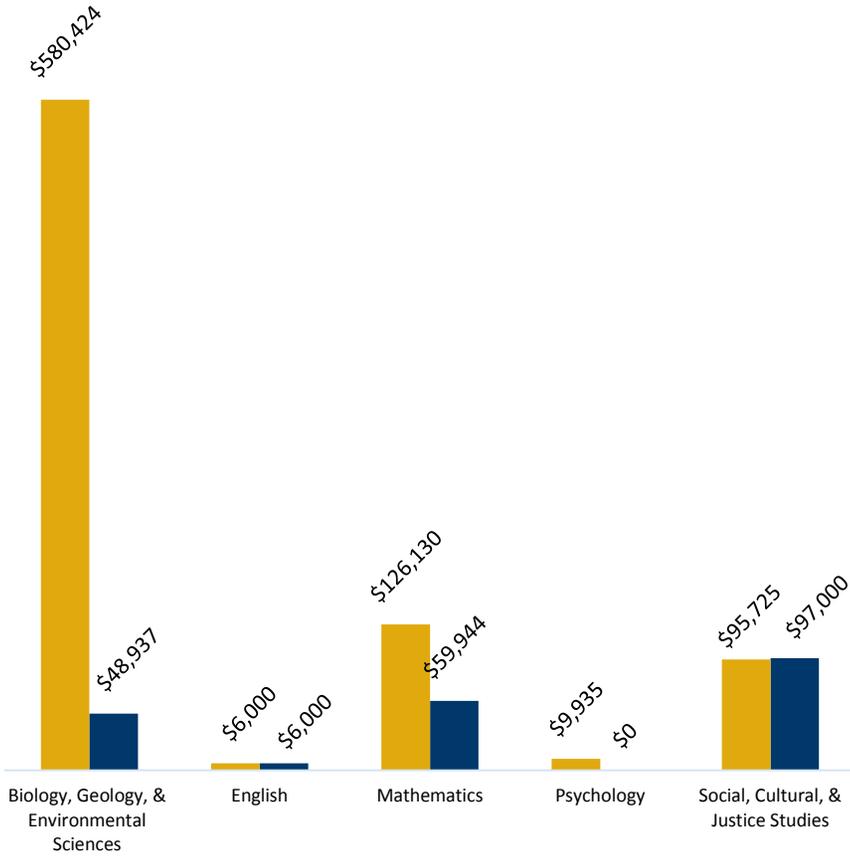
UTC SPONSORED PROGRAMS – PROPOSALS FY17/FY18 COMPARISON



COLLEGE OF ARTS & SCIENCES – AWARDS & PROPOSALS FY17/FY18 COMPARISON

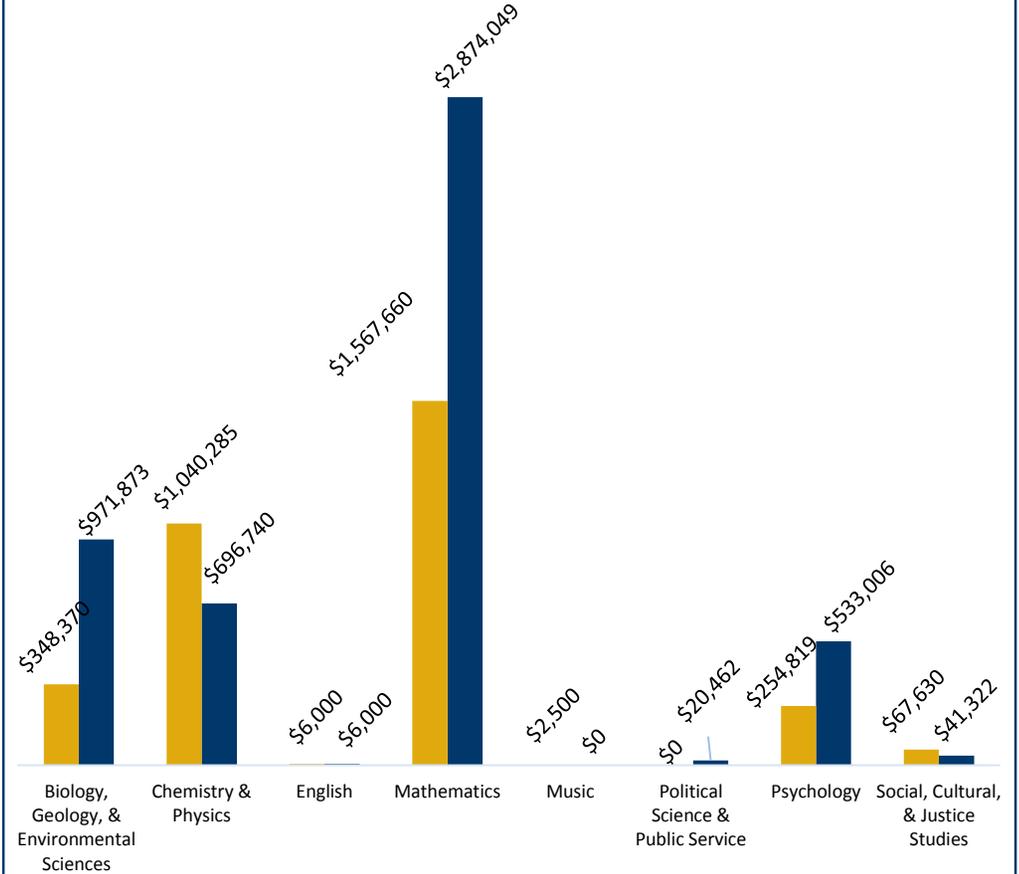
Awards

■ FY17 (Total: \$211,881) ■ FY18 (Total: \$818,214)



Proposals

■ FY17 (Total: \$5,143,452) ■ FY18 (Total: \$3,287,264)



COLLEGE OF BUSINESS –PROPOSALS FY17/FY18 COMPARISON

Proposals

■ FY17 (Total: \$19,395) ■ FY18 (Total: \$0)

\$9,895

\$9,500

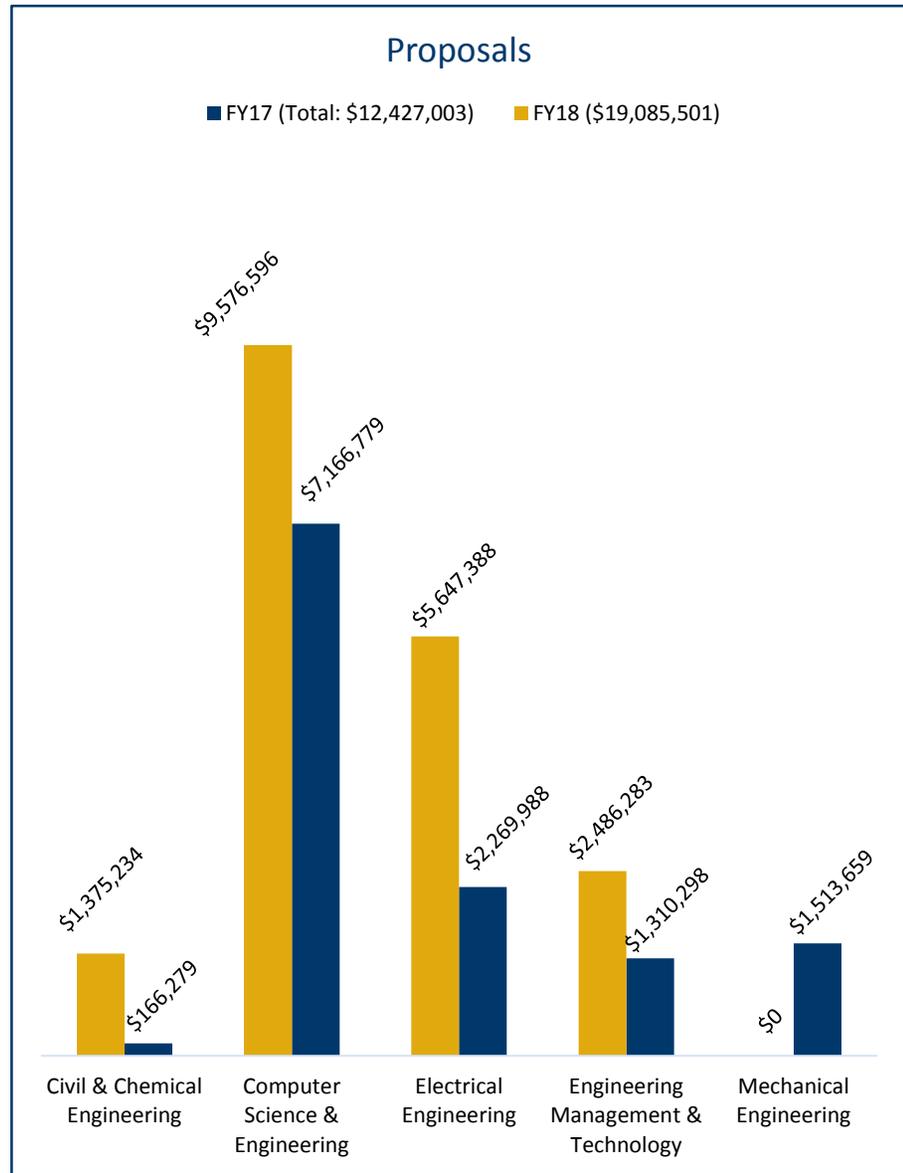
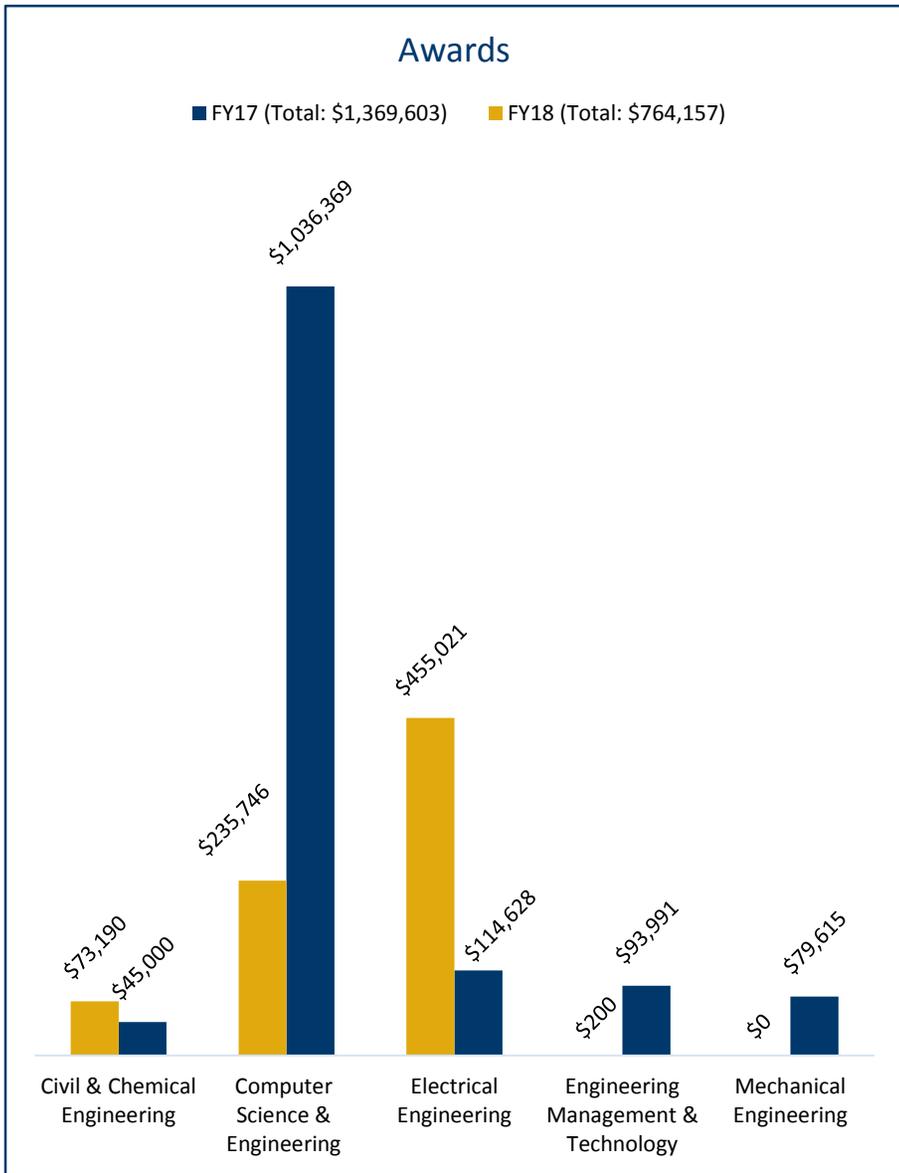
\$0

\$0

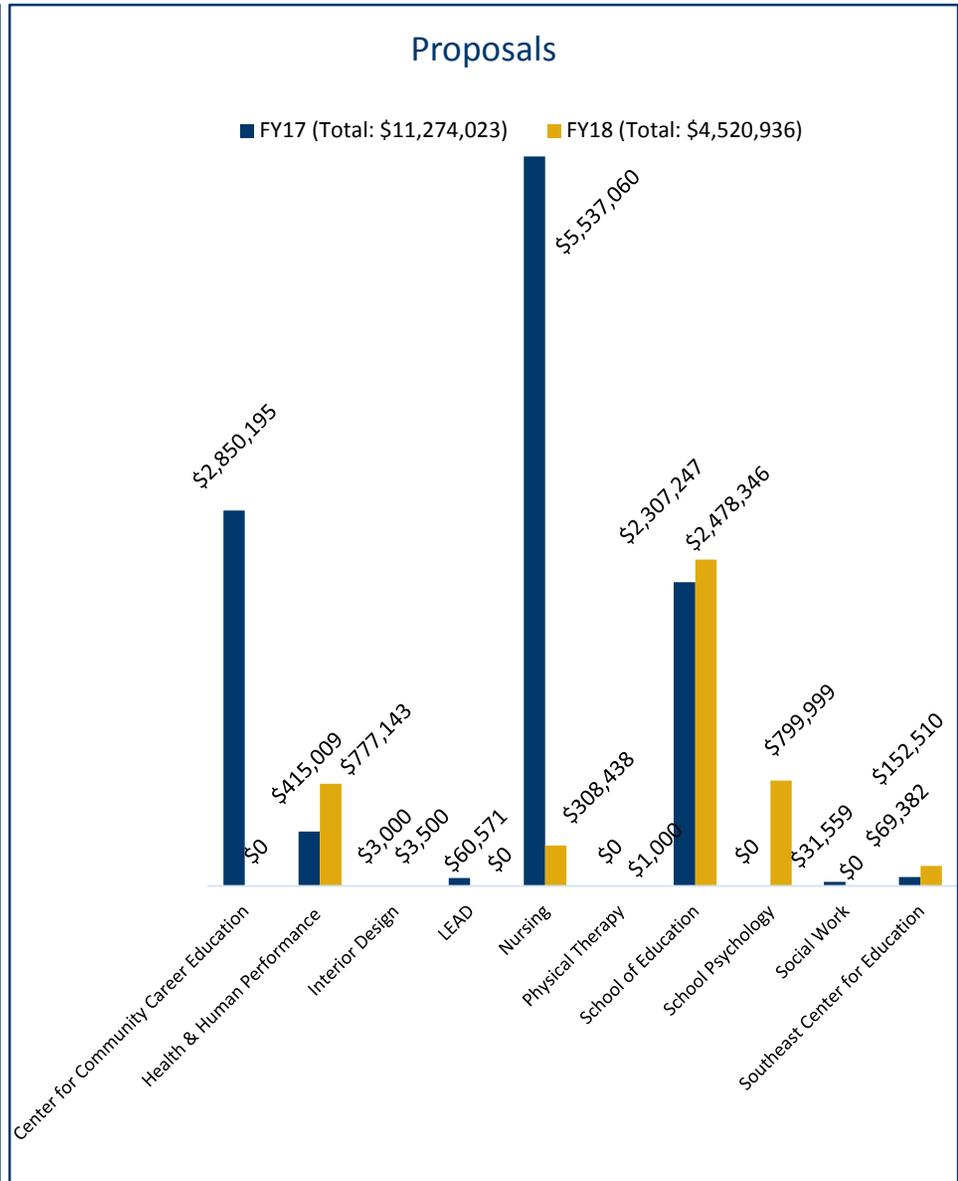
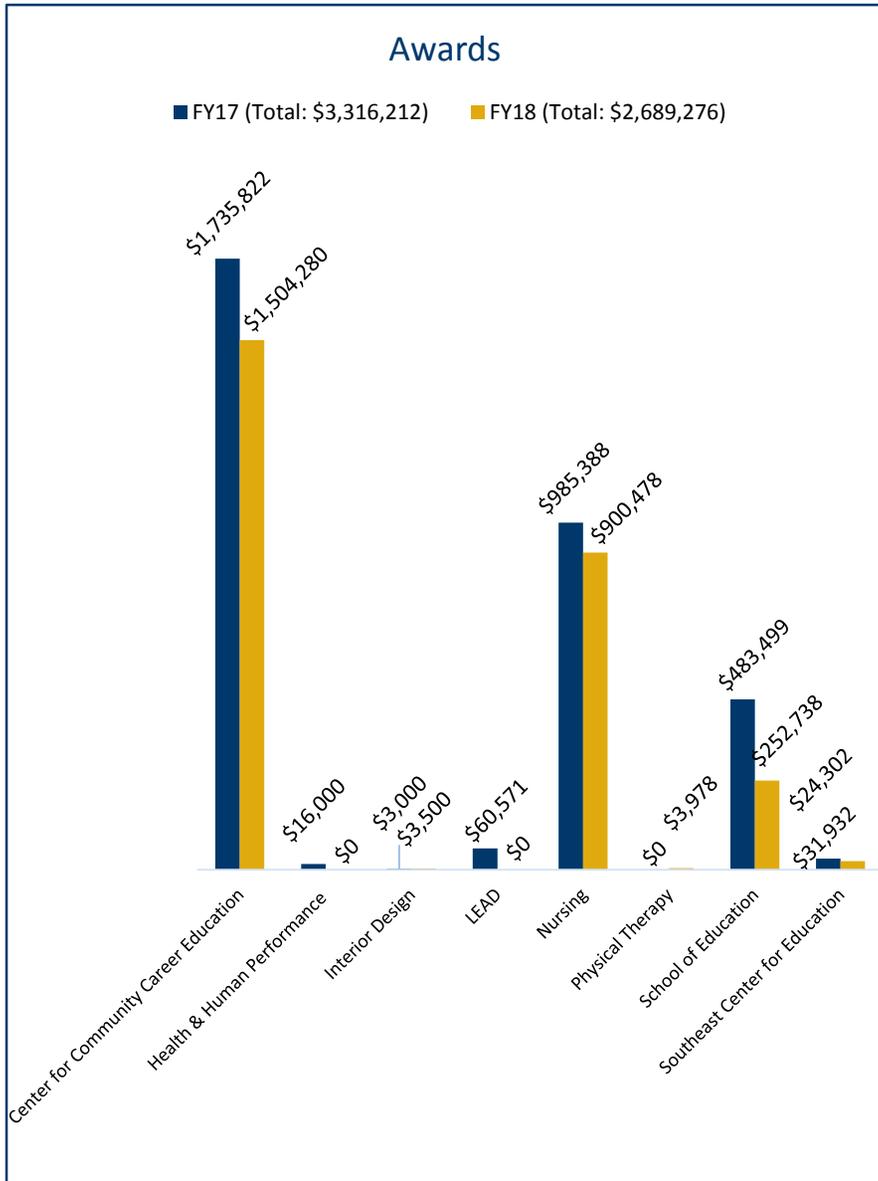
College of Business Student Success Center

Marketing

COLLEGE OF ENGINEERING & COMPUTER SCIENCE – AWARDS & PROPOSALS FY17/FY18 COMPARISON



COLLEGE OF HEALTH, EDUCATION, & PROFESSIONAL STUDIES –AWARDS & PROPOSALS FY17/FY18 COMPARISON



SIM CENTER –AWARDS & PROPOSALS FY17/FY18 COMPARISON

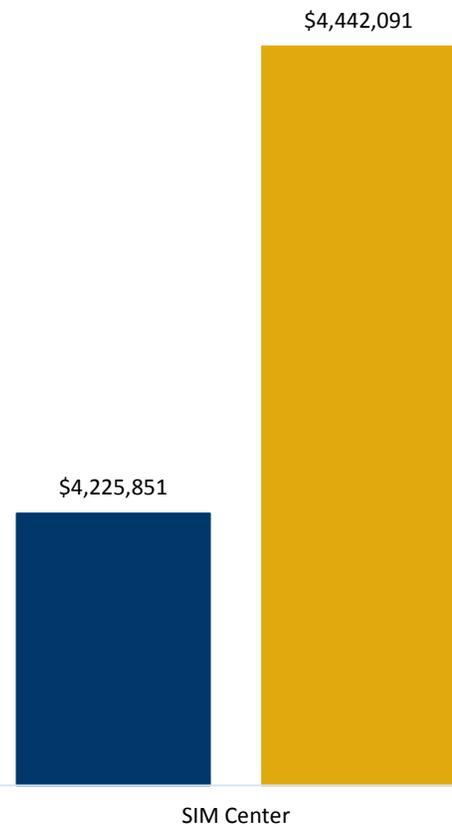
Awards

■ FY17 ■ FY18

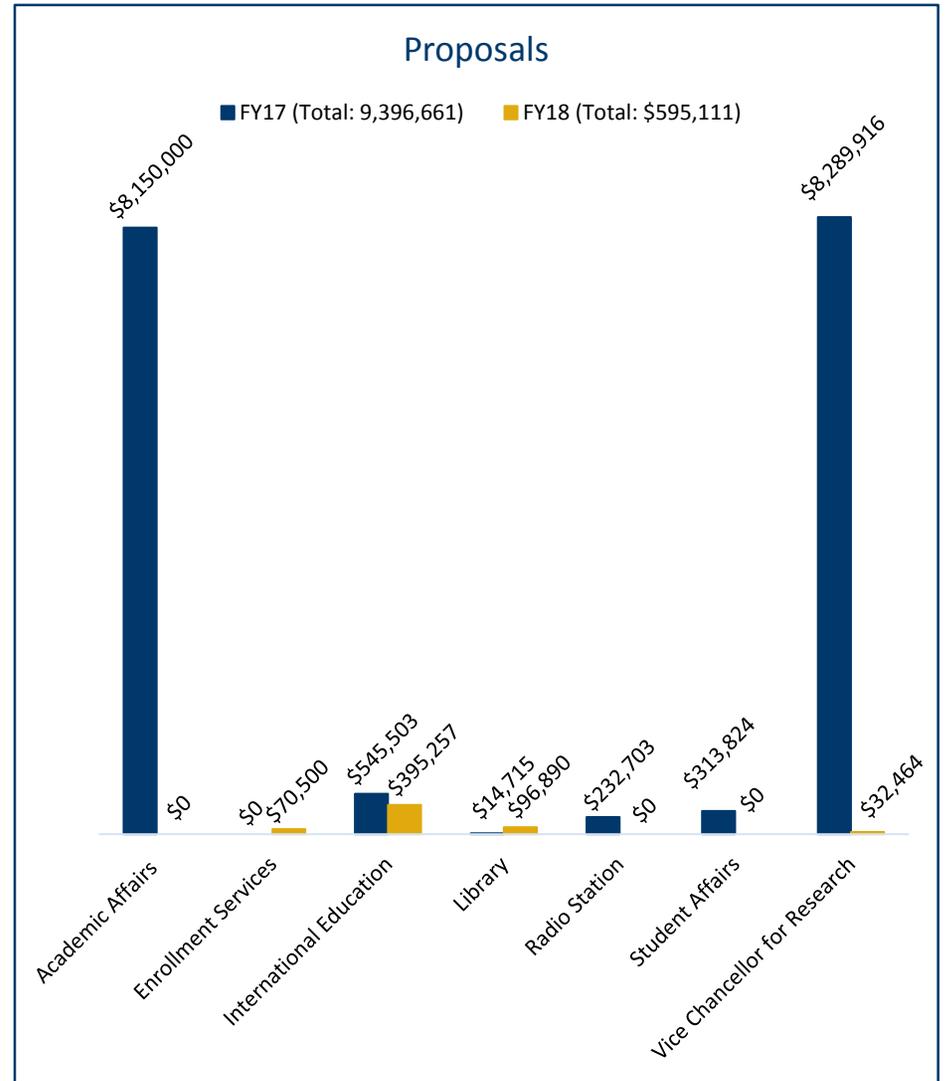
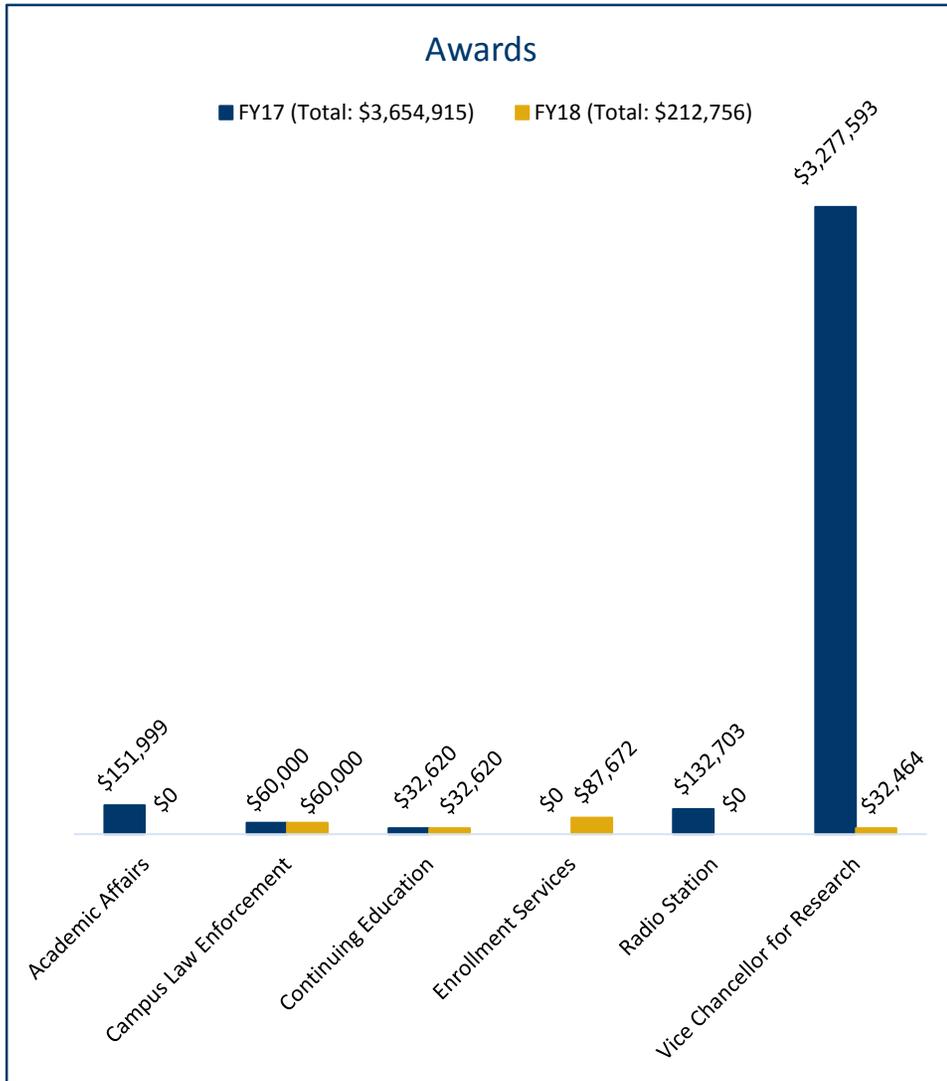


Proposals

■ FY17 ■ FY18



ADMINISTRATIVE UNITS – AWARDS & PROPOSALS FY17/FY18 COMPARISON



FY18 – LISTING OF Q3 AWARDS

LEAD PI/PD	FUNDER	TITLE	AMOUNT
COLLEGE OF ARTS & SCIENCES			
BIOLOGY, GEOLOGY, & ENVIRONMENTAL SCIENCE			
Boyd, Jennifer	National Science Foundation	RUI: Collaborative Research: Reasons for Rarity? Exploring Acclimatory and Adaptive Constraints to Commonness	\$519,385
Craddock, Hill	The American Chestnut Fund	Conservation and Collection of Castanea dentata germplasm in the South	\$3,515
Spratt, Henry	Plastic Surgery Group	Triple Antibiotic Wash: Fact or Fetish? The Efficacy of Antibacterial Solution Wash during Placement of Breast Prosthesis in Bacterial Load Reduction	\$1,410
	Cumberland Trail Conference	Cumberland Trail Conference Connector Program	\$40,040
	HealthySole DETECTO	Does ultraviolet radiation (UV-C) applied to the soles of shoes in pediatric intensive care units decrease bacterial load and healthcare associated infections?	\$16,074
ENGLISH			
Noe, Marcia	Society for the Study of Midwestern Literature	Society for the Study of Midwestern Literature Journal Editing	\$6,000
MATHEMATICS			
Bao, Feng	National Science Foundation	RUI: Efficient Adaptive Backward SDE methods for Nonlinear Filtering Problems	\$41,111
	Oak Ridge National Laboratory	ORNL_SciDAC	\$54,862
Wang, Jin	Old Dominion Research Foundation	Mathematical modeling of cholera dynamics	\$30,157
SOCIOLOGY, ANTHROPOLOGY, AND GEOGRAPHY			
Guo, Zibin	US Department of Veteran's Affairs	Wheelchair Tai Chi Program Expansion	\$58,000
Policastro, Christina	Tennessee Coalition to End Domestic and Sexual Violence	2018 Victim Assistance Academy	\$37,725
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE			

LEAD PI/PD	FUNDER	TITLE	AMOUNT
COMPUTER SCIENCE & ENGINEERING			
Sartipi, Mina	Tennessee Valley Authority	TVA Power Billing Dashboard for Error Detection and Correction Project	\$24,500
Yang, Li	Prairie View A&M University	Capacity Building on Privacy Education through Curriculum Development	\$39,750
	Prairie View A&M University	Developing Innovative Privacy Learning Modules to Engage Students in Cybersecurity Education	\$21,598
	National Security Agency/Central Security Service	Developing Web Security Modules with Visualization and Hands-on Labs	\$149,898
ELECTRICAL ENGINEERING			
Eltom, Ahmed	Tennessee Valley Public Power Association	2017 Lab Demonstrations for Tennessee Valley Public Power Association	\$712
Loveless, Thomas	Nu-Trek, Inc	(1) Authorization to Proceed and (2) Period of Performance Extension for Radiation Hardened, Low Power, Variable Bandwidth/Resolution Sigma Delta Converters	\$55,000
	Vanderbilt University	Fundamental Research into Radiation Resiliency of Emerging Circuit Technologies Appropriate to the CWMD Mission	\$35,426
	National Science Foundation	REU Site: An Interdisciplinary CubeSat Research and STEM Education Platform at the University of Tennessee at Chattanooga	\$359,783
Pack, Daniel	<i>Confidential</i>		\$4,100
ENGINEERING MANAGEMENT & TECHNOLOGY			
Wang, Endong	Oak Ridge Associated Universities	Travel Funds for Collaborative Research	\$200
COLLEGE OF HEALTH, EDUCATION, & PROFESSIONAL STUDIES			
CENTER FOR COMMUNITY CAREER EDUCATION			
Boykin, Twyler	US Department of Education	Upward Bound Math & Science	\$263,938
Cole, Sandra	Tennessee Higher Education Commission	Each One Reach One	\$99,984
Gholston, Shirl	US Department of Education	Student Support Services FY16-FY21	\$300,620
Huckabay, Hunter	US Department of Education	GEAR UP in Hamilton County, TN 2011-2018	\$308,244
Lee, Belinda	US Department of Education	UTC Upward Bound Program	\$7,783
Long, Cynthia	US Department of Education	Southern Appalachian Educational Opportunity Center	\$277,711
Vann, Karen	US Department of Education	Talent Search	\$246,000
INTERIOR DESIGN			

LEAD PI/PD	FUNDER	TITLE	AMOUNT
Kendall, Catherine	Tennessee Board of Architectural and Engineering Examiners	Professional Student Exam Fees and Computer Grant F2017	\$3,500
NURSING			
Hill, Linda	Health Resources and Services Administration	Nurse Anesthesia Traineeship Grant	\$21,067
Smith, Christine	Erlanger Health System	RN to BSN Gateway Program	\$190,394
	Health Resources and Services Administration	FNP CANDL: Clinical-Academic Network for Developing Leaders	\$689,017
PHYSICAL THERAPY			
Hanks, June	Tennessee Physical Therapy Association	Cross-Cultural Adaptability Study (US-DPT and Haitian PT students)	\$1,000
Levine, David	Goodhew	Effectiveness of Sockwell Compression Socks: A White Paper on Vascular Effects	\$2,978
SCHOOL OF EDUCATION			
Ellington, Lucien	Charles Koch Foundation	2017-2018 Center for Reflective Citizenship Programs	\$75,214
	Association for Asian Studies, Inc	Education About Asia Journal 2018	\$81,192
McAllister, Deborah	National Aeronautics and Space Administration	GLOBE Aerosols for Elementary Pre-service Teachers	\$1,900
	Vanderbilt University	NASA Mathematics Resources and Super Source Activities for Elementary Grades Preservice Teachers	\$33,861
Murley, Renee	Tennessee Department of Education	Governor's School 2017-18	\$60,571
SOUTHEAST CENTER FOR EDUCATION			
Melnik, Laurie	Tennessee Arts Commission	Arts Learning Lab	\$8,000
	Hunter Museum of American Art	Art of Balance and Diagnosis	\$11,000
	Shelby County Schools	Arts Integration Workshops at Sherwood Elementary School, Memphis TN	\$5,302
SIM CENTER			

LEAD PI/PD	FUNDER	TITLE	AMOUNT
.....			
Newman, James	The National Institute of Aerospace Associates	Revolutionary Computational Aerosciences (RCA) Institute Support: Visitors and Faculty Engagement	\$14,948
	Pointwise Inc.	High Fidelity Mesh and Geometry Tools	\$24,976
	University of Dayton Research Institute	Reusable Hypersonic Vehicle Structures	\$893,239
Skjellum, Anthony	National Science Foundation	SHF: Small: Collaborative Research: Coupling Computation and Communication in FPGA-Enhanced Clouds and Clusters	\$186,192
	National Science Foundation	Heterogeneous HPC for High-order Stabilized Finite-elements on Moving and Deforming Domains	\$60,949
	Directorate for Computer and Information Science and Engineering	Collaborative Research: CICI: Data Provenance: Provenance Assurance Using Currency Primitives	\$195,388
	National Science Foundation	REU Supplement for CICI Grant	\$16,000
	National Science Foundation	Collaborative Research: Next-Generation Message Passing for Parallel Programming: Resiliency, Time-to-Solution, Performance-Portability, Scalability, and QoS	\$212,860
Webster, Robert	Engility Corporation	Collaborative Research: CICI: Regional: SouthEast SciEntific Cybersecurity for University Research (SouthEast SECURE)	\$111,911
ADMINISTRATIVE UNITS			
.....			
CAMPUS LAW ENFORCEMENT			
Hamilton, Craig	Tennessee Office of Criminal Justice Programs	Making our Campus Safer (MOCS)	\$60,000
.....			
CONTINUING EDUCATION			
Freeze, John	University of Tennessee - Institute of Public Service	Southeastern Command and Leadership Academy (SECLA)	\$32,620
.....			
ENROLLMENT SERVICES			
Freeman, Yancy	Tennessee Higher Education Commission	UTC Veteran Reconnect	\$19,018
	Tennessee Higher Education Commission	Talent, Innovation and Equity grant (TIE)	\$68,654
.....			
VICE CHANCELLOR FOR RESEARCH			

LEAD PI/PD	FUNDER	TITLE	AMOUNT
Mix, Charles	Mainspring Conservation Trust	Mainspring Conservation Trust – Application Development	\$22,214
	Enterprise Center	East Lake Walk Sheds	\$250
	Lyndhurst Foundation	GreenSpaces Mapping Support	\$10,000
	Mainspring Conservation Trust	Mainspring Conservation Trust - Application Development	\$22,214
Total Awarded Funding			\$5,400,866.00

FY18 - LISTING OF Q3 PROPOSALS

LEAD PI/PD	FUNDER	TITLE	AMOUNT
COLLEGE OF ARTS & SCIENCES			
BIOLOGY, GEOLOGY, & ENVIRONMENTAL SCIENCE			
Craddock, Hill	The American Chestnut Foundation	Conservation and Collection of Castanea dentata germplasm in the South	\$3,515
Hayes, Loren	Fellowship	Understanding intraspecific variation in social organization of mammals	\$206,435
Hossain, Azad	University of Mississippi	GRACE Water Storage Study	\$46,171
	US Geological Survey TN Water Research Center	PRELIMINARY PROPOSAL - Remote Sensing of Water Quality	\$0
Shaw, Joey	National Science Foundation	Repair, digitization, and integration of the Southern Adventist University herbarium into the University of Tennessee at Chattanooga herbarium	\$34,725
Spratt, Henry	Cumberland Trail Conference	Year 2: Cumberland Trail Conference Connector Program	\$40,040
	HealthySole DETECTO	Does ultraviolet radiation (UV-C) applied to the soles of shoes in pediatric intensive care units decrease bacterial load and healthcare associated infections?	\$16,074
	Plastic Surgery Group	Surgical Irrigation Solutions for Breast Augmentation Surgery	\$1,410
CHEMISTRY & PHYSICS			
Kim, Jisook	National Science Foundation	Acquisition of a High Resolution Accurate Mass QTOF LC-Mass Spectrometer	\$392,532
Park, Han Jung	National Science Foundation	UTC Spain REU	\$398,853
	Society for Analytic Chemists of Pittsburgh	Study of the Photoacoustic Effect	\$8,900
Symes, Steven	National Science Foundation	MRI: Acquisition of ICP-MS for Use in Environmental, Geochemical, and Human Health Research at UTC	\$240,000
ENGLISH			
Noe, Marcia	Society for the Study of Midwestern Literature	Society for the Study of Midwestern Literature Journal Editing	\$6,000
MATHEMATICS			
Bao, Feng	Oak Ridge National Laboratory	ORNL_SciDAC	\$208,706

LEAD PI/PD	FUNDER	TITLE	AMOUNT
Kong, Lingju	National Science Foundation	Degenerate Elliptic Problems with Variable Exponents	\$415,522
Ledoan, Andrew	National Science Foundation	REU Site: Number Theory, Dynamical Systems and Applications	\$283,831
Wang, Jin	Old Dominion University	Mathematical modeling of cholera dynamics	\$40,480
	National Science Foundation	Mathematical modeling of waterborne infections	\$298,018
	National Institutes of Health	Cholera modeling and simulation	\$321,103
MUSIC			
Tejero, Nikolasa	Tennessee Arts Commission	Celebrating African American History Month Through Music and Literature: An Interdisciplinary Concert	\$2,500
PSYCHOLOGY			
Ferrier, David	Foundation for Child Development	In Loco Parentis: The Impact of Teachers and School Contexts in Socializing Social-Emotional Competence and Self-Regulatory Abilities in Early Childhood	\$224,811
Black, Kristen	Miller Industries	Miller Industries Employee Survey	\$30,008
SOCIOLOGY, ANTHROPOLOGY, GEOGRAPHY			
Honerkamp, Nicholas	Plantation Point Homeowners Association	Archaeology at Hampton Point Plantation	\$27,756
	St. Simons Land Trust	Proposed Archaeological Bounding of a Historic Component at Indian Field, Cannon's Point Preserve, St. Simons Island, Georgia	\$2,149
COLLEGE OF ENGINEERING AND COMPUTER SCIENCE			
CIVIL & CHEMICAL ENGINEERING			
Fomunung, Ignatius	Tennessee Highway Safety Office	Effectiveness of HOV Lanes as a Congestion Relief and Air Quality Reduction Tool	\$199,939
Harris, Bradley	National Institutes of Health	The impact of the marine-to-host environmental transition on fatty acid-induced changes in persistence and pathogenicity in <i>Vibrio cholera</i>	\$136,000
Onyango, Mbakisyia	Tennessee Department of Transportation	#27 - Friction Course Pavements	\$99,997
		#3 - 100% recycled mixtures using cold in-place recycling (CIR), hot in-place recycling (HIR) and cold central plant recycling (CCPR)	\$180,000
		Concrete bridge deck deterioration assessment using ground penetrating radar	\$150,000
		Development of a balanced mix design (BMD) procedure for Tennessee mixtures	\$180,000
Owino, Joseph	Precast/Prestressed Concrete Institute	Next Generation of Precast Insulated Walls	\$45,000
Palchoudhury, Soubantika	Oak Ridge Associated Universities	A new class of penternary chalcogenide nanocrystals and thin films for solar energy conversion applications	\$5,000

LEAD PI/PD	FUNDER	TITLE	AMOUNT
Wu, Weidong	Tennessee Board of Architectural and Engineering Examiners	TBAEE Laboratory Equipment Grant for Civil Engineering	\$28,863
	Structural Engineers Foundation	Developing Matlab Apps for Interactively Teaching and Learning Design of Reinforced Concrete Structure	\$2,500
	Tennessee Department of Transportation	#15 - TDOT bicycle & pedestrian counting: Best methodologies assessment	\$147,999
Yang, Sungwoo	Oak Ridge Associated Universities (ORAU)	Water Harvesting from Air Powered by Natural Sunlight	\$5,000
COMPUTER SCIENCE & ENGINEERING			
Kandah, Farah	National Science Foundation	SaTC: CORE: Small: RUI: vMAP: Mapping Autonomous Vehicle Authentication/Trust Building in Real-time over a Dynamic Adaptive Network	\$491,866
Kizza, Joseph	National Science Foundation	RET Site in Computer Science and Engineering: Cybersecurity Education for All - Developing a Broad-based Cyber Defense Workforce for the 21st Century	\$595,267
	National Science Foundation	CyberTraining - CIU: Enhancing Cybersecurity and Data Science Skills in Multidisciplinary Research and Workforce Development	\$496,162
Liang, Yu	Tennessee Department of Transportation	19 - Deep Learning-Enabled Evaluation of Bridge Deck Using GPR	\$126,767
	National Science Foundation	SCC: Smart Neighborhood Watch	\$398,700
McCullough, Claire	National Science Foundation	STEM Inspire, Communicate, Educate (ICE)	\$356,567
Qin, Hong	National Science Foundation	REU Site: ICompBio - Engaging Undergraduates in Interdisciplinary Computing for Biological Research	\$359,484
	Norfolk State University	Stress and filamentous yeast	\$92,604
Sartipi, Mina	Sony USA Foundation Inc	Millimeter Wave Communications for Enhanced Vehicle Connectivity	\$145,155
	National Science Foundation	NRT-HDR: Data in GigCity: A Unified and Comprehensive Platform for Education and Research on Data Science and Engineering to Improve Accessibility in an Urban Environment	\$2,791,695
	University of Tennessee – Knoxville	Research on Connected and Automated Vehicles Investment and Smart Infrastructure in Tennessee	\$60,000
	National Science Foundation	SCC: Collaborative: Health-Centric Urban Mobility	\$2,749,675
	Tennessee Department of Transportation	TDoT – Waze	\$150,000
Yang, Li	National Security Agency Central Security Service	Developing Web Security Modules with Visualization and Hands-on Labs	\$149,898
ELECTRICAL ENGINEERING			

LEAD PI/PD	FUNDER	TITLE	AMOUNT
Eltom, Ahmed	Tennessee Valley Public Power Association	2017 Lab Demonstrations for Tennessee Valley Public Power Association	\$711
Loveless, Thomas	National Science Foundation	CAREER: Maximizing Performance and Reliability of Advanced Electronics Technologies through Stochastic Modeling	\$500,000
	National Science Foundation	REU Site: An Interdisciplinary CubeSat Research and STEM Education Platform at the University of Tennessee at Chattanooga (UTChattSat)	\$359,783
	Vanderbilt University	Fundamental Research into Radiation Resiliency of Emerging Circuit Technologies Appropriate to CWMD Mission	\$35,426
Mohammed, Abdelrahman	National Science Foundation	Improving the Performance and Implementation of the P-Index voltage Stability Indicator	\$302,984
Rasouli Disfani, Vahid	The Office of Energy Efficiency and Renewable Energy	High-Efficiency, High-Reliability Grid Integration of Solar Photovoltaic Systems via Bidirectional Modular Multilevel Converters with Simultaneous Maximum Power Point Tracking and Power Flow Control Capabilities	\$1,681,637
Reising, Donald	Defense Advanced Research Project Agency	Radio identification from unbiased deep learning models (RIFUDLM)	\$2,762,747
ENGINEERING MANAGEMENT & TECHNOLOGY			
Abrha, Wolday	Tennessee Department of Transportation	BEST STRATEGIES FOR HIRING, RETAINING, AND UTILIZING MINORITIES AND WOMEN	\$69,605
Alp, Neslihan	National Science Foundation	Real-world Additive Manufacturing Projects for Underrepresented Participants (RAMP UP)	\$1,005,619
	National Science Foundation	2+2 MET: Developing an Industry-Responsive Mechatronics AAS to BAS Pipeline for Engineering Technicians	\$586,997
McLean, Aldo	Tennessee Department of Transportation	#17 - Autonomous Truck Mounted Attenuator (TMA) Pilot	\$109,146
		#18 - Truck Parking Needs in TN	\$134,215
Sokolov, Alexandr	Tennessee Department of Transportation	# 9 - Roadside Pollinator Habitat	\$148,084
Wang, Endong	Oak Ridge Associated Universities	Travel Funds for Collaborative Research	\$200
	National Science Foundation	A Novel Core-factor-structure Based Object-oriented Hierarchical Benchmarking Method for Deep Commercial Building Energy Retrofitting	\$282,560
	Tennessee Department of Transportation	Rating and Inventory of TDOT Retaining Walls	\$149,857
COLLEGE OF HEALTH, EDUCATION, & PROFESSIONAL STUDIES			
HEALTH AND HUMAN PERFORMANCE			
Howard-Baptiste, Shewanee	Tennessee Department of Health	Preliminary Proposal - D.A.N.C.E.	\$79,111

LEAD PI/PD	FUNDER	TITLE	AMOUNT
Wilkerson, Gary	National Institutes of Health	A New Paradigm for Sport Injury Prevention and Reduction of Risk for Disability	\$417,798
	Department of Defense	Preliminary Proposal: Optimization of Neuromechanical Responsiveness	\$0
	International Olympic Committee Medical and Scientific Commission	Neuromechanical Responsiveness Testing and Training	\$99,546
	University of Arizona	Head Trauma: Measuring the Relation Between Cognitive Processes and Neuromechanical Function after Sports-Related Concussion	\$180,688
INTERIOR DESIGN			
Kendall, Catherine	Tennessee Board of Architectural and Engineering Examiners	Professional Student Exam Fees and Computer Grant F2017	\$3,500
NURSING			
Kemplin, Katharine	Department of Defense	Dramatic Subcutaneous Impedance Reduction: Ultra-Miniature External Defibrillator (UMED)	\$118,044
Smith, Christine	Erlanger Health System	Increasing the RN to BSN Enrollment in the Gateway Program 2017-19	\$190,394
PHYSICAL THERAPY			
Hanks, June	Tennessee Physical Therapy Association	Cross-Cultural Adaptability Study (US-DPT and Haitian PT students)	\$1,000
SCHOOL OF EDUCATION			
Cowan, Kay	Tennessee Higher Education Commission	American and World History: Critical Turning Points	\$74,994
Ellis, Jennifer	National Science Foundation	Track 1: UTChattanooga STEM Education Noyce Scholarship Program	\$1,447,293
	IUSE	STEM-powering State of Tennessee Education Majors (STEM2) Open Collaboratory	\$49,855
Ellington, Lucien	Association for Asian Studies, Inc	Education About Asia Journal 2018	\$81,192
McAllister, Deborah	Vanderbilt University	Elementary and Middle Grades STEM	\$33,861
	Tennessee Higher Education Commission	Using Technology to Support Geography Content and Social Studies Practices	\$74,994
Murley, Renee	Tennessee Department of Education	Tennessee Innovation in Preparation Grant	\$47,214
	Tennessee Department of Education	Governor's School 2017-18	\$60,571
Pratt, Allen	Mississippi State University	National Research and Development Center - Improving Rural Education in the Deep South, Appalachia, and the Montana Frontier	\$608,372
SCHOOL PSYCHOLOGY			
Guess, Pamela	Tennessee Department of Education	School Psychology Intern Program	\$799,999

LEAD PI/PD	FUNDER	TITLE	AMOUNT
SOUTHEAST CENTER FOR EDUCATION			
Melnik, Laurie	Shelby County Schools	2017 Arts Integration Workshops at Sherwood Elementary School, Memphis TN	\$5,302
	Hunter Museum of American Art	Art of Balance and Diagnosis	\$11,000
	Caplan Foundation for Early Childhood	Preliminary Proposal - MOCS BLOCS	\$99,614
	Tennessee Arts Commission	Arts Learning Lab	\$10,000
	Marion County	Literacy and the Arts: Increasing Access Across the Classroom, Curriculum and Community	\$26,594
SIM CENTER			
Qin, Hong	National Science Foundation	Spokes: MEDIUM: SOUTH: Collaborative: Integrating Biological Big Data Research into Student Training and Education	\$549,885
Sartipi, Mina	National Science Foundation	CI-New: Collaborative Research: A Sandbox for Fostering Smart City Development	\$1,839,569
Skjellum, Anthony	National Science Foundation	SHF: Small: Collaborative Research: Coupling Computation and Communication in FPGA-Enhanced Clouds and Clusters	\$186,192
		SaTC: CORE: Small: Collaborative: An Holistic Framework for Securing CPS/IoT Infrastructure	\$186,662
		Collaborative Research: CICI: Regional: SouthEast SciEntific Cybersecurity for University Research (SouthEast SECURE)	\$60,949
		SHF-Small: Collaborative Research: In-Situ Analytics for Petascale and Exascale Applications	\$227,432
		CICI: Data Provenance: Collaborative Research: Provenance Assurance Using Currency Primitives	\$195,388
		SHF-Small: Collaborative Research: Transforming MPI Applications for Scalability and Fault-Tolerance	\$235,432
		SaTC: CORE: Small: Collaborative: Compiler-Assisted Secure Sensor Networks	\$173,966
		REU Supplement for CICI Grant -SeSecure	\$16,000
		REU Supplement for "SHF: Small: Collaborative Research: Coupling Computation and Communication in FPGA-Enhanced Clouds and Cluster"	\$16,000
		REU Supplement for CICI Grant –Blockchain	\$16,000
		SHF: Medium: Collaborative Research: Next-Generation Message Passing for Parallel Programming: Resiliency, Time-to-Solution, Performance-Portability, Scalability, and QoS	\$539,740
Supplement for "CICI: Data Provenance: Collaborative Research: Provenance Assurance Using Currency Primitives"	\$39,078		

LEAD PI/PD	FUNDER	TITLE	AMOUNT
	DOE - NNSA - LLNL - Lawrence Livermore National Laboratory	Fast Failure Recovery Methods MPI Applications	\$59,816
Sreenivas, Kidambi	Pointwise, Inc	Mesh curving for higher order applications	\$99,982
ADMINISTRATIVE UNITS			
ENROLLMENT SERVICES			
Freeman, Yancy	Tennessee Higher Education Commission	UTC Summer Bridge Experience	\$70,500
INTERNATIONAL EDUCATION			
Suzuki, Takeo	US Department of State	Social Entrepreneurship SUSI Institute	\$195,399
	FHI 360	2018 STUDY OF THE U.S. INSTITUTES FOR STUDENT LEADERS ON WOMEN'S LEADERSHIP	\$199,858
LIBRARY			
Runyon, Carolyn	National Historical Publications and Records Commission	Opening Access: Building Finding Aids for the Chattanooga History Collections	\$96,890
VICE CHANCELLOR FOR RESEARCH			
Carroll, Andrew	Mainspring Conservation Trust	Mainspring Conservation Trust - Application Development	\$22,214
	Lyndhurst Foundation	GreenSpaces Mapping Support	\$10,000
Heath, Gregory	University of California, San Diego	Learning from the Lancet - ODV+	\$0
Mix, Charles	Enterprise Center	East Lake Walk Sheds	\$250
Total Proposed Funding			\$31,930,903



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