



EAST TENNESSEE STATE UNIVERSITY

Office of Research and Sponsored Programs

FY2021 ANNUAL REPORT

#### **EAST TENNESSEE STATE UNIVERSITY**

### Office of Research and Sponsored Programs Administration Annual Report FY2021

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### **Cover Images**

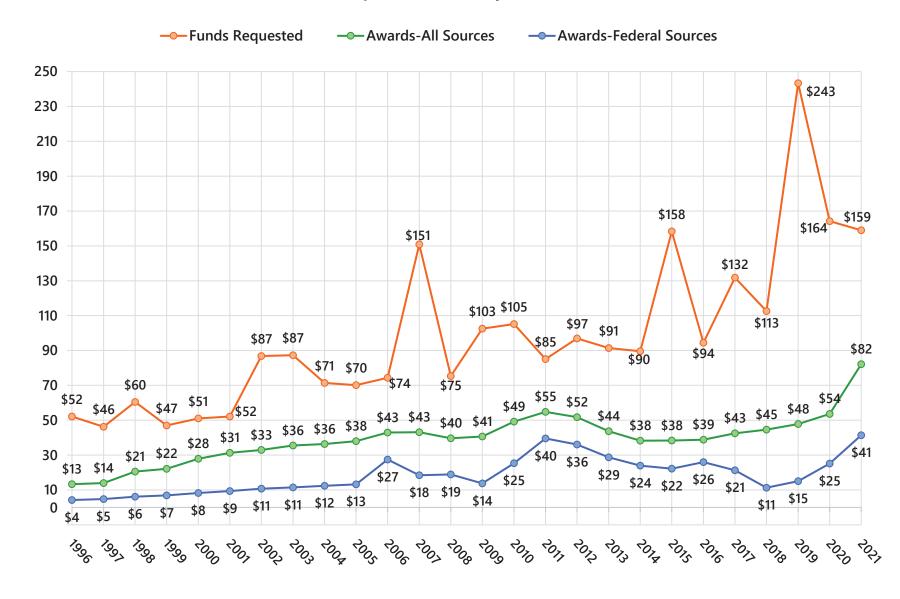


The front and back cover display images taken from Dr. Arceo-Gomez's research. His research aims to evaluate the ecological and evolutionary consequences of plant-animal interactions. Particularly of interactions between plants and their pollinators. Current research in his lab aims to understand the processes and mechanisms that allow plant coexistence, flowering overlap and pollinator-sharing in diverse plant communities.

Table I. East Tennessee State University Extramural Sponsored Activity FY96 to FY21

	FUND	ING REQUESTS	AWARDS RECEIVED					
	SI	UBMITTED	Α	II Sources	<b>Federal Sources</b>			
FISCAL YEAR	Number	Value	Number	Value	Value			
2021	277	\$158,952,772	237	\$82,133,208	\$41,406,889			
2020	283	\$164,174,991	188	\$53,626,268	\$25,194,155			
2019	299	\$243,304,388	196	\$47,842,718	\$15,034,313			
2018	258	\$112,647,144	185	\$44,610,307	\$11,316,803			
2017	267	\$131,778,182	189	\$42,524,153	\$21,308,066			
2016	252	\$94,438,572	199	\$38,811,378	\$25,946,431			
2015	271	\$158,321,979	198	\$38,386,014	\$22,199,222			
2014	265	\$89,541,339	185	\$38,243,526	\$23,913,645			
2013	250	\$91,449,759	211	\$43,729,537	\$28,709,316			
2012	279	\$96,934,537	230	\$51,760,956	\$36,111,256			
2011	282	\$85,087,381	267	\$54,808,372	\$39,512,605			
2010	314	\$105,165,783	227	\$49,219,792	\$25,340,273			
2009	324	\$102,533,416	268	\$40,701,308	\$13,812,509			
2008	335	\$75,335,784	298	\$39,691,883	\$18,942,484			
2007	335	\$150,862,801	257	\$43,166,261	\$18,469,946			
2006	348	\$74,365,922	226	\$42,975,074	\$27,482,414			
2005	318	\$70,107,108	198	\$38,003,277	\$13,259,147			
2004	308	\$71,425,332	175	\$36,333,065	\$12,422,446			
2003	291	\$87,316,579	159	\$35,546,106	\$11,468,714			
2002	300	\$86,788,650	181	\$32,975,663	\$10,778,425			
2001	275	\$52,169,601	193	\$31,300,521	\$9,351,126			
2000	276	\$51,018,819	176	\$27,912,726	\$8,304,272			
1999	287	\$47,008,532	187	\$22,164,122	\$6,877,435			
1998	321	\$60,495,224	187	\$20,596,210	\$6,155,361			
1997	307	\$46,245,449	172	\$13,985,241	\$4,734,609			
1996	265	\$52,131,589	189	\$13,323,465	\$4,243,248			

Chart I. East Tennessee State University Extramural Sponsored Activity FY96 to FY21



**FISCAL YEAR** 

DOLLARS (IN MILLIONS)

# Table II. East Tennessee State University FY21 Funding Requests Submitted & Awards Received: Number & Value by Sponsor Type & Name

		REQUESTS TTED		RDS VED	
SPONSOR TYPE & NAME	Number	Value	Number		Value
FEDERAL	122	\$ 105,799,329	91	\$	41,406,889
Appalachian Regional Commission	2	\$ 349,500	3	\$	953,890
Centers for Disease Control and Prevention/DHHS	2	\$ 3,433,463			
Corporation for Public Broadcasting	2	\$ 227,149	4	\$	282,603
Department of Agriculture	3	\$ 336,069	2	\$	136,069
Department of Defense	4	\$ 3,737,639	1	\$	289,245
Department of Education	6	\$ 15,031,466	17	\$	23,261,035
Department of Justice	1	\$ 7,200			
Environmental Protection Agency	1	\$ 483,938			
Federal Emergency Management Agency	1	\$ 210,000			
Health Resources and Services Administration/DHHS	7	\$ 6,609,397	9	\$	5,477,351
National Aeronautics & Space Administration			3	\$	19,230
National Endowment for the Humanities	1	\$ 225,266			
National Institute of Food and Agriculture/Department of Agriculture	1	\$ 20,000	1	\$	20,000
National Institute of Justice/Department of Justice	1	\$ 490,629			
National Institutes of Health/DHHS	74	\$ 73,179,308	30	\$	9,553,293
National Science Foundation	2	\$ 699,427	4	\$	844,872
Smithsonian Astrophysical Observatory	1	\$ 38,619	2	\$	25,622
Tennessee Valley Authority			1	\$	9,999
Veterans Affairs Medical Center	13	\$ 720,260	14	\$	533,681
STATE	24	\$ 18,576,161	43	\$	13,313,305
TN Arts Commission	1	\$ 4,020	1	\$	4,020
TN Board of Regents	4	\$ 250,000	4	\$	245,088
TN Bureau of Tenncare	1	\$ 6,106,400	1	\$	6,106,400
TN Commission on Aging and Disability			1	\$	33,591

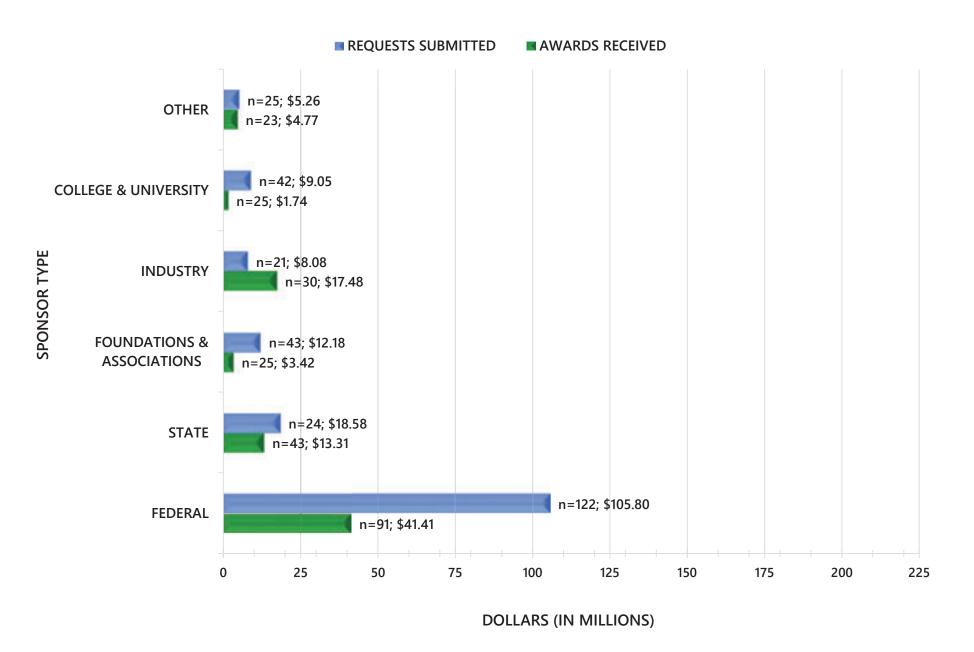
		EQUESTS ITED		AWARDS RECEIVED			
SPONSOR TYPE & NAME	Number	וואוטי	Value	Number	LCLI	Value	
TN Department of Children's Services				1	\$	508,965	
TN Department of Commerce and Insurance	1	\$	4,060	1	\$	4,060	
TN Department of Education	1	\$	223,600	6	\$	848,661	
TN Department of Health	6	\$	2,460,497	14	\$	2,250,584	
TN Department of Human Services	2	\$	6,602,247	3	\$	2,328,795	
TN Department of Intellectual and Developmental Disabilities	2	\$	2,000,501	2	\$	52,285	
TN Department of Mental Health and Substance Abuse Services	2	\$	411,331	4	\$	419,456	
TN Department of Transportation	1	\$	2,500	1	\$	2,500	
TN Governor's Highway Safety Office	1	\$	5,005	1	\$	5,000	
TN Higher Education Commission	2	\$	506,000	2	\$	495,900	
TN Wildlife Resources Agency				1	\$	8,000	
FOUNDATIONS & ASSOCIATIONS	43	\$	12,182,116	25	\$	3,423,943	
ACS Petroleum Research Fund				1	\$	20,000	
American Diabetes Association				1	\$	100,000	
American Educational Research Association	1	\$	4,000	1	\$	4,000	
American Heart Association - National	3	\$	355,932	2	\$	108,016	
American Orthotic and Prosthetic Association	1	\$	30,000				
American Speech-Language-Hearing Association				1	\$	76,506	
Association for the Sociology of Religion	1	\$	21,000	1	\$	10,500	
Association of Infant Mental Health in Tennessee	1	\$	161,371				
Association of periOperative Registered Nurses	1	\$	10,000	1	\$	10,000	
Battelle Memorial Institute				1	\$	30,148	
CCI Research Foundation	2	\$	49,977				
Childhood Arthritis and Rheumatology Research Alliance	1	\$	38,659				
Cigna Foundation	1	\$	159,453				
Cystic Fibrosis Foundation	1	\$	273,640				
Discovery Center	1	\$	426,724				
Dollar General Literacy Foundation	1	\$	10,000				
Equality Can't Wait Foundation	1	\$	9,999,629				

	FUNDII		AWARDS			
		IBMI1	ITED		ECEI	VED
SPONSOR TYPE & NAME	Number		Value	Number		Value
First Tennessee Human Resource Agency				1	\$	27,400
Grammy Museum	1	\$	14,250			
Great Smoky Mountains Conservation Association	1	\$	9,913	1	\$	9,913
International Society for Clinical Densitometry	1	\$	27,591	1	\$	27,591
Japan Foundation				1	\$	30,000
Meals on Wheels	1	\$	23,293			
Mountain Home Research and Education Corporation	2	\$	103,143	1	\$	63,502
National Academic Advising Association	1	\$	3,000			
National Council of Teachers of English	1	\$	2,500	1	\$	2,500
National Geographic Society	1	\$	7,050	1	\$	7,050
National Network of Libraries of Medicine				2	\$	3,262
Niswonger Foundation	2	\$	95,234	1	\$	10,000
Oak Ridge Associated Universities	1	\$	5,000	1	\$	5,000
Pharmacy Technician Certification Board	1	\$	4,955	1	\$	4,955
PhRMA Foundation	1	\$	100,000			
Private Foundation (SCI)				1	\$	2,802,979
Sigma Nursing	5	\$	55,000	1	\$	20,000
Society of Family Planning	1	\$	38,431	1	\$	40,621
South Arts	1	\$	10,000	1	\$	10,000
Spencer Foundation	3	\$	114,847			
The Rapha Foundation	1	\$	7,600			
Tom E. Dailey Foundation, Inc.	1	\$	4,924			
U.S. Civilian Research and Development Foundation	1	\$	15,000			
INDUSTRY	21	\$	8,076,706	30	\$	17,475,387
Abundant Health Acquisition	1	\$	51,028	1	\$	51,028
Ballad Health	6	\$	3,152,457	5	\$	1,216,811
Cherokee Health Systems				1	\$	10,200
Cultural Resources Analysts, Inc.				1	\$	5,950
Development Services Group, Inc.	1	\$	13,266	1	\$	13,266

	FUNDING REQUESTS SUBMITTED				AWARDS			
		JBMII			RECEIV			
SPONSOR TYPE & NAME	Number		Value	Number		Value		
Ear, Nose & Throat Associates P.C.				1	\$	7,000		
Frontier Health, Inc.				1	\$	12,200		
Medical Education Assistance Corporation	6	\$	2,889,922	8	\$	3,954,874		
Mountain States Health Alliance	2	\$	1,634,900	4	\$	399,090		
MountainPass Technology	1	\$	31,066	1	\$	31,066		
Nashville Pharmacy				1	\$	11,691,835		
P2D Bioscience				1	\$	15,000		
Pearson Biology	1	\$	4,400	1	\$	4,400		
Pfizer Pharmaceuticals	1	\$	250,000					
State of Franklin Healthcare Associates				1	\$	13,000		
West Virginia Research Corporation	1	\$	15,000	1	\$	15,000		
Wingfield Environmental, Inc.	1	\$	34,667	1	\$	34,667		
COLLEGE & UNIVERSITY	42	\$	9,053,870	25	\$	1,743,929		
Augusta University	3	\$	2,664,208					
Duke University	3	\$	137,557	1	\$	8,017		
Emory University - Atlanta				1	\$	30,815		
George Mason University	2	\$	210,343					
Harvard University	1	\$	764,936	1	\$	129,870		
High Point University	1	\$	78,302					
Medical University of South Carolina	8	\$	840,008	2	\$	20,238		
Middle Tennessee State University	1	\$	206,000	1	\$	206,000		
Oregon Health & Science University	1	\$	129,087	1	\$	12,095		
Space Telescope Science Institute				2	\$	152,532		
Tennessee State University	2	\$	531,652	3	\$	540,652		
The University of Chicago	1	\$	539,108					
University of California Los Angeles				1	\$	222,000		
University of Connecticut				1	\$	91,690		
University of Kentucky	4	\$	464,859	1	\$	1,250		
University of Kentucky College of Public Health	2	\$	15,979	3	\$	35,419		

		FUNDING REQUESTS SUBMITTED			AWARDS RECEIVED		
SPONSOR TYPE & NAME	Number		Value	Number		Value	
University of Michigan	1	\$	128,016				
University of North Carolina Chapel Hill	1	\$	24,993				
University of North Carolina Charlotte	2	\$	995,758	1	\$	61,850	
University of Oregon				1	\$	21,830	
University of Tennessee at Knoxville	2	\$	89,915	1	\$	24,996	
University of Tennessee Health Science Center	1	\$	72,685				
Vanderbilt University	3	\$	1,068,737	3	\$	182,675	
Virginia Polytechnic Institute and State University	1	\$	45,020				
West Virginia University	1	\$	44,707				
Western North American Naturalist	1	\$	2,000	1	\$	2,000	
OTHER	25	\$	5,264,590	23	\$	4,769,755	
Alliance for Business and Training	1	\$	274,942	3	\$	2,299,401	
Appalachian Sustainable Development	1	\$	151,702	1	\$	48,911	
Binational Agricultural Research and Development Fund				1	\$	54,000	
BlueCare Tennessee				1	\$	521,085	
Boston Children's Hospital	1	\$	364,919				
Coleridge Initiative, Inc	1	\$	70,000	1	\$	70,000	
Johnson City Public Library	1	\$	10,175	1	\$	10,175	
Johnson City, TN, City of				1	\$	9,423	
Kingsport City Schools	1	\$	38,000	1	\$	38,000	
National Opinion Research Center	8	\$	296,955	7	\$	225,750	
Patient-Centered Outcomes Research Institute	2	\$	421,886				
Promise Center, The	1	\$	7,487				
Public Health Accreditation Board	1	\$	5,000	1	\$	5,000	
Republic of the Marshall Islands	2	\$	230,379	1	\$	15,000	
Students Learn Students Vote Coalition	1	\$	5,000	1	\$	5,000	
Upper East Tennessee Human Development Agency	1	\$	1,920,135				
Various Sponsors	3	\$	1,468,010	3	\$	1,468,010	
Grand Total	277	\$	158,952,772	237	\$	82,133,208	

Chart II. East Tennessee State University
FY21 Funding Requests Submitted & Awards Received: Number & Value by Sponsor Type



# Table III. East Tennessee State University FY21 Funding Requests Submitted: Number, Value & Percent Value by Activity & Sponsor Type

Funding Requests Submitted						
ACTIVITY & SPONSOR TYPE	Number	J	Value	% Value		
RESEARCH	180	\$	91,073,508	57.30%		
FEDERAL	98	\$	80,939,861	50.92%		
STATE	1	\$	5,005	0.00%		
FOUNDATIONS & ASSOCIATIONS	27	\$	1,735,583	1.09%		
INDUSTRY	5	\$	143,076	0.09%		
COLLEGE & UNIVERSITY	37	\$	7,158,736	4.50%		
OTHER	12	\$	1,091,247	0.69%		
TRAINING & INSTRUCTION	36	\$	23,605,567	14.85%		
FEDERAL	10	\$	10,993,823	6.92%		
STATE	5	\$	473,600	0.30%		
FOUNDATIONS & ASSOCIATIONS	10	\$	10,209,315	6.42%		
INDUSTRY	3	\$	276,266	0.17%		
COLLEGE & UNIVERSITY	2	\$	1,157,482	0.73%		
OTHER	6	\$	495,081	0.31%		
PUBLIC SERVICE	38	\$	28,662,720	18.03%		
FEDERAL	12	\$	13,448,113	8.46%		
STATE	15	\$	11,983,076	7.54%		
FOUNDATIONS & ASSOCIATIONS	4	\$	188,627	0.12%		
INDUSTRY	1	\$	100,000	0.06%		
COLLEGE & UNIVERSITY	3	\$	737,652	0.46%		
OTHER	3	\$	2,205,252	1.39%		
OTHER SPONSORED ACTIVITY	23	\$	15,610,977	9.82%		
FEDERAL	2	\$	417,532	0.26%		
STATE	3	\$	6,114,480	3.85%		
FOUNDATIONS & ASSOCIATIONS	2	\$	48,591	0.03%		
INDUSTRY	12	\$	7,557,364	4.75%		
OTHER	4	\$	1,473,010	0.93%		
Grand Total	277	\$	158,952,772	100%		

# Chart III. East Tennessee State University Breakdown of FY21 Funding Requests Submitted: Number, Value & Percent Value by Activity & Sponsor Type

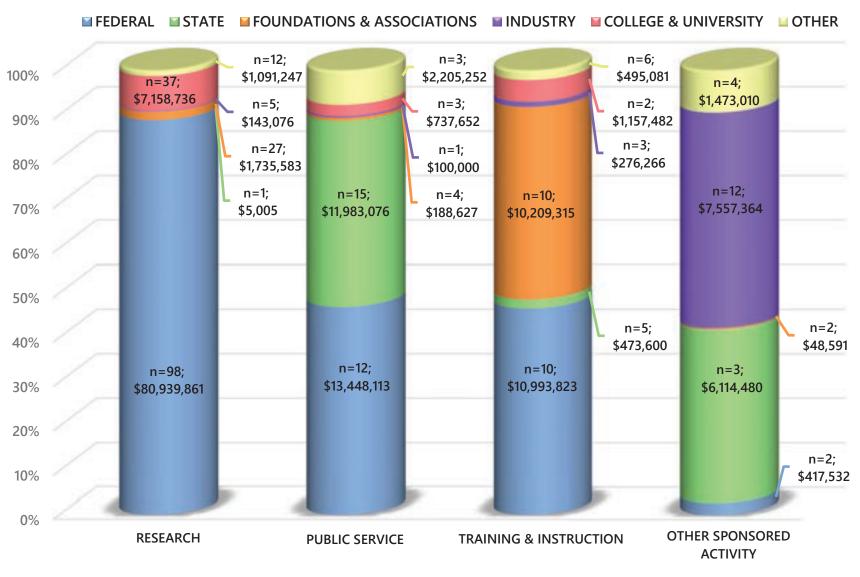


Table IV. East Tennessee State University
FY21 Awards Received:
Number, Value & Percent Value by Activity & Sponsor Type

RESEARCH FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER TRAINING & INSTRUCTION FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE FEDERAL	103 54 4 12 7	\$ \$ \$ \$	Value 16,054,862 11,539,387 134,375	% Value 19.55% 14.05%
FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER TRAINING & INSTRUCTION FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	54 4 12	\$	11,539,387	14.05%
STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER TRAINING & INSTRUCTION FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	4 12	\$		
FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER TRAINING & INSTRUCTION FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	12	•	134,375	
INDUSTRY COLLEGE & UNIVERSITY OTHER TRAINING & INSTRUCTION  FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE		\$		0.16%
COLLEGE & UNIVERSITY OTHER  TRAINING & INSTRUCTION  FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER  PUBLIC SERVICE	7	Ψ	3,166,531	3.86%
OTHER TRAINING & INSTRUCTION  FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE		\$	192,743	0.23%
TRAINING & INSTRUCTION  FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER  PUBLIC SERVICE	17	\$	732,653	0.89%
FEDERAL STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	9	\$	289,173	0.35%
STATE FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	40	\$	4,531,469	5.52%
FOUNDATIONS & ASSOCIATIONS INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	12	\$	3,501,198	4.26%
INDUSTRY COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	5	\$	317,011	0.39%
COLLEGE & UNIVERSITY OTHER PUBLIC SERVICE	9	\$	216,059	0.26%
OTHER PUBLIC SERVICE	5	\$	55,666	0.07%
PUBLIC SERVICE	4	\$	264,624	0.32%
	5	\$	176,911	0.22%
FFDFRAI	53	\$	25,420,608	30.95%
I ED ETV (E	17	\$	5,809,594	7.07%
STATE	26	\$	6,397,846	7.79%
INDUSTRY	3	\$	11,797,785	14.36%
COLLEGE & UNIVERSITY	4	\$	746,652	0.91%
OTHER	3	\$	668,731	0.81%
OTHER SPONSORED ACTIVITY	41	\$	36,126,268	43.98%
FEDERAL	8	\$	20,556,710	25.03%
STATE	8	\$	6,464,072	7.87%
FOUNDATIONS & ASSOCIATIONS	4	\$	41,353	0.05%
INDUSTRY	15	\$	5,429,193	6.61%
OTHER	6	\$	3,634,940	4.43%
Grand Total	237	\$	82,133,208	100%

Chart IV. East Tennessee State University
Breakdown of FY21 Awards Received:
Number, Value & Percent Value by Activity & Sponsor Type

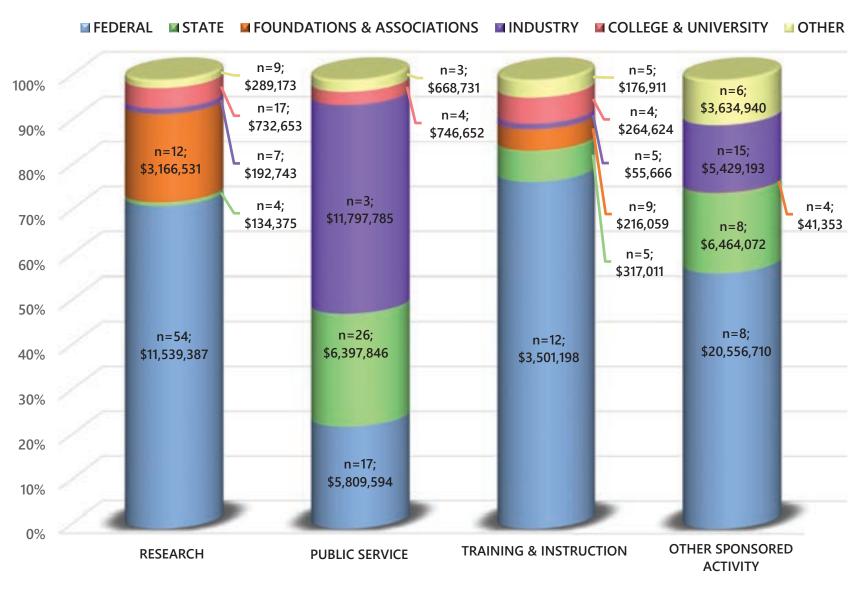


Table V. East Tennessee State University
FY21 Funding Requests Submitted & Awards Received:
Number & Value by Division & Department

	FUNDI	A۱	AWARDS			
	SUBMITTED			RE	VED	
DIVISION & DEPARTMENT	Number		Value	Number		Value
ACADEMIC AFFAIRS				2	\$	68,150
Research and Sponsored Programs, Office of				2	\$	68,150
CARES ACT FUNDING				3	\$	18,704,067
Institutional Support				1	\$	760,234
Student Support				2	\$	17,943,833
COLLEGE OF ARTS & SCIENCES	27	\$	3,733,372	34	\$	1,369,828
Art and Design	1	\$	4,020	1	\$	4,020
Biological Sciences	5	\$	244,400	7	\$	551,585
Chemistry	2	\$	554,108	2	\$	30,716
Criminal Justice and Criminology	1	\$	490,629			
Geosciences	2	\$	693,938			
Literature and Language				2	\$	42,000
Mathematics and Statistics				1	\$	104,935
Natural History Museum - Fossil Site	3	\$	18,963	3	\$	18,963
Physics and Astronomy	2	\$	438,619	9	\$	452,336
Psychology	7	\$	1,126,752	4	\$	62,800
Sociology and Anthropology	4	\$	161,943	5	\$	102,473
COLLEGE OF BUSINESS & TECHNOLOGY	8	\$	419,411	9	\$	1,023,797
Digital Media				1	\$	604,390
Engineering, Technology, Surveying and Digital Media	7	\$	213,411	7	\$	213,407
Small Business Development Center	1	\$	206,000	1	\$	206,000
COLLEGE OF CLINICAL & REHABILITATIVE HEALTH SCIENCES	2	\$	33,000	5	\$	255,492
Audiology and Speech-Language Pathology				3	\$	175,242
Dean, College of Clinical & Rehabilitative Health Sciences	1	\$	3,000	2	\$	80,250
Rehabilitative Sciences	1	\$	30,000			

	FUNDI		AWARDS RECEIVED			
	SUBMITTED					
DIVISION & DEPARTMENT	Number	•	Value	Number		Value
COLLEGE OF EDUCATION	22	\$	8,021,180	13	\$	1,154,303
Counseling and Human Services	1	\$	10,000	1	\$	10,000
Curriculum and Instruction	3	\$	230,100	2	\$	6,500
Dean, College of Education	2	\$	48,000	1	\$	38,000
Early Childhood Education	5	\$	944,817	2	\$	24,766
Educational Foundations and Special Education	10	\$	6,718,263	6	\$	1,005,037
Educational Leadership and Policy Analysis	1	\$	70,000	1	\$	70,000
COLLEGE OF MEDICINE	111	\$	83,650,947	76	\$	36,696,633
Biomedical Sciences	38	\$	22,062,423	23	\$	5,108,318
Dean, College of Medicine	3	\$	7,969,122	5	\$	7,222,675
Family Medicine	1	\$	73,000	3	\$	1,037,232
Finance and Administration	2	\$	3,331,575			
Geriatrics and Gerontology	1	\$	27,591	1	\$	27,591
Internal Medicine	38	\$	27,392,723	15	\$	13,675,586
Learning Resources				2	\$	3,262
Obstetrics and Gynecology	2	\$	479,820	1	\$	323,820
Pathology	10	\$	5,337,944	13	\$	4,130,377
Psychiatry and Behavioral Sciences				3	\$	1,095,050
Surgery	16	\$	16,976,749	10	\$	4,072,722
COLLEGE OF NURSING	21	\$	5,347,001	18	\$	5,857,896
Center for Nursing Research	4	\$	61,227	2	\$	11,250
Dean, College of Nursing	1	\$	50,000			
Nursing, Graduate Programs	5	\$	1,723,040	3	\$	257,926
Nursing, Office of Practice	8	\$	3,482,734	12	\$	5,538,720
Nursing, Undergraduate Programs	3	\$	30,000	1	\$	50,000
COLLEGE OF PHARMACY	6	\$	1,447,842	3	\$	58,064
Dean, College of Pharmacy	1	\$	1,136,977	1	\$	45,092
Pharmacy Practice	5	\$	310,865	2	\$	12,972

	FUNDIN	NG F	REQUESTS	AV	VAF	RDS	
	SU	ВМІ	TTED	RE	CEI	EIVED	
DIVISION & DEPARTMENT	Number		Value	Number		Value	
COLLEGE OF PUBLIC HEALTH	53	\$	32,875,760	35	\$	6,079,710	
Biostatistics and Epidemiology	11	\$	5,949,816	7	\$	149,821	
Community and Behavioral Health	5	\$	322,194	8	\$	2,095,247	
Dean, College of Public Health	7	\$	10,806,136	2	\$	205,000	
Environmental Health	3	\$	68,490	3	\$	52,920	
Health Sciences	7	\$	3,761,647	5	\$	476,557	
Health Services Management and Policy	20	\$	11,967,477	10	\$	3,100,165	
OFFICE OF ADMINISTRATION	3	\$	14,705	2	\$	7,500	
Public Safety	3	\$	14,705	2	\$	7,500	
OFFICE OF THE PRESIDENT	2	\$	227,149	4	\$	282,603	
WETS Campus Radio FM	2	\$	227,149	4	\$	282,603	
STUDENT AFFAIRS	6	\$	10,586,465	10	\$	3,014,011	
Enrollment Services, TRIO Programs	4	\$	10,531,465	9	\$	3,009,011	
Enrollment Services, Veterans Affairs	1	\$	50,000				
Student Affairs	1	\$	5,000	1	\$	5,000	
UNIVERSITY CENTERS	16	\$	12,595,939	23	\$	7,561,155	
Applied Social Research Laboratory	1	\$	41,582	1	\$	41,582	
Center for Appalachian Studies	6	\$	716,040	4	\$	561,531	
Center for Community Outreach and Family Services	3	\$	6,877,189	6	\$	4,628,196	
Center for Early Childhood Learning and Development	4	\$	4,440,788	8	\$	1,496,960	
Center of Excellence in Math and Science Education	1	\$	85,234	3	\$	337,112	
Child and Family Health Institute				1	\$	495,774	
Strong Brain Institute	1	\$	435,107				
Grand Total	277	\$	158,952,772	237	\$	82,133,208	

Chart V. East Tennessee State University
FY21 Value and Percent of Awards Received by Division

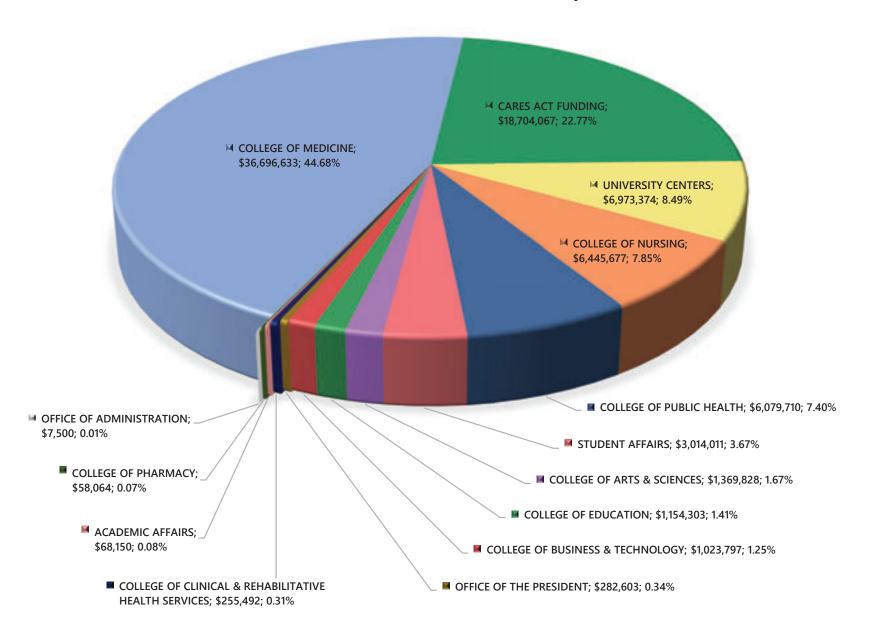


Table VI. East Tennessee State University FY21 Sponsored Activity Overview

DIVISION NAME	PROPOSALS	AWARDS		AWA	ARDS VALUE	
	SUBMITTED	FUNDED	DIRECT	ı	INDIRECT	TOTAL
ACADEMIC AFFAIRS		2	\$ 68,150			\$ 68,150
CARES ACT FUNDING		3	\$ 18,704,067			\$ 18,704,067
COLLEGE OF ARTS & SCIENCES	27	34	\$ 1,169,096	\$	200,732	\$ 1,369,828
COLLEGE OF BUSINESS & TECHNOLOGY	8	9	\$ 993,162	\$	30,635	\$ 1,023,797
COLLEGE OF CLINICAL & REHABILITATIVE						
HEALTH SCIENCES	2	5	\$ 215,343	\$	40,149	\$ 255,492
COLLEGE OF EDUCATION	22	13	\$ 1,079,756	\$	74,547	\$ 1,154,303
COLLEGE OF MEDICINE	111	76	\$ 33,829,750	\$	2,866,883	\$ 36,696,633
COLLEGE OF NURSING	21	18	\$ 5,450,914	\$	406,982	\$ 5,857,896
COLLEGE OF PHARMACY	6	3	\$ 55,464	\$	2,600	\$ 58,064
COLLEGE OF PUBLIC HEALTH	53	35	\$ 5,172,658	\$	907,052	\$ 6,079,710
OFFICE OF ADMINSTRATION	3	2	\$ 6,621	\$	879	\$ 7,500
OFFICE OF THE PRESIDENT	2	4	\$ 282,603			\$ 282,603
STUDENT AFFAIRS	6	10	\$ 2,821,966	\$	192,045	\$ 3,014,011
UNIVERSITY CENTERS	16	23	\$ 6,666,105	\$	895,050	\$ 7,561,155
Grand Total	277	237	\$ 76,515,654	\$	5,617,554	\$ 82,133,208

# Table VII. East Tennessee State University FY21 Value of Awards Received by Division, Department & Principal Investigator

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	UE of AWARD
ACADEMIC AFFAIRS	\$	68,150
Research and Sponsored Programs, Office of	\$	68,150
Duncan, William R.	\$	6,150
IRB Services at MSHA ongoing, Mountain States Health Alliance	\$	6,150
Hagemeier, Nicholas	\$	62,00
IRB Services to the VAMC, Veterans Affairs Medical Center	\$	62,000
CARES ACT FUNDING	\$	18,704,067
Student Support	\$	17,943,833
Morgan, Catherine	\$	17,943,83
Education Stabilization Fund 1 (PL 116-136 TITLE VIII CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT), Department of		
Education	\$	12,395,45
Education Stabilization Fund 2 (PL 116-136 TITLE VIII CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT), Department of		
Education	\$	5,548,379
Institutional Support	\$	760,234
King, Betty J	\$	760,23
Education Stabilization Fund FUND 3 (PL 116-136 TITLE VIII CORONAVIRUS AID, RELIEF, AND ECONOMIC SECURITY ACT),		
Department of Education	\$	760,234
COLLEGE OF ARTS & SCIENCES	\$	1,369,828
Art and Design	\$	4,020
Contreras-Koterbay, Karlota	\$	4,020
Affrilacha AppalAsian and Latinx Artists in Tennessee and Appalachian Highlands, TN Arts Commission	\$	4,02
Biological Sciences	\$	551,58
Bidwell, Joe	\$	28,000
Comparative Condition & Dietary Analysis of Unionid Mussels Within the Pigeon River Tailwater & the Upper Nolichucky River, TN		
Wildlife Resources Agency	\$	8,00
PPQ-TN ETSU Cooperative Pest Detection Survey 2021, National Institute of Food and Agriculture/Department of Agriculture	\$	20,00

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VALUE	of AWARD
Carter, Richard	\$	254,64
Acquisition of Micro-Computed Tomography System for Imaging by Multiple, Inter-Disciplinary, Users at East TN State University,		
National Science Foundation	\$	249,64
Development and Evolution of Echolocation in Bats, Oak Ridge Associated Universities	\$	5,000
Foster, Cerrone	\$	4,400
Students Reading Real Science: Best Practices for Using Annotated Primary Scientific Literature as a Pedagogical Tool in Introductory		
Biology, Pearson Biology	\$	4,400
Gomez, Gerardo	\$	264,544
2021 PPA 7721 Asian Defoliator Survey, Department of Agriculture	\$	15,00
Uncovering the Mechanisms Driving Co-Flowering Community Assembly: Integrating Flowering & Floral Trait Distribution Patterns via		
a Novel Use of Network Analysis, National Science Foundation	\$	249,54
Chemistry	\$	30,71
Mei, Hua	\$	10,710
A Diazonium Perfluoroalkyl(aryl) Sulfonylimide (PFSI) Polymer for Proton Exchange Membrane Fuel Cells, Vanderbilt University	\$	10,71
Vasiliev, Aleksey	\$	20,000
Superacidic Catalysts for Alkylation of Benzene by Olefins, ACS Petroleum Research Fund	\$	20,00
Literature and Language	\$	42,000
Arnold, Junko	\$	30,000
The Japan foundation salary assistant grant , Japan Foundation	\$	30,000
Fiuza, Felipe	\$	12,000
Interpretation/Translation Services 2020-2021, TN Department of Health	\$	12,00
Mathematics and Statistics	\$	104,93
Godbole, Anant	\$	104,93
REU Site: Combinatorics, Probability, and Algebraic Coding Theory, National Science Foundation	\$	104,93
Natural History Museum - Fossil Site	\$	18,963
Bouvier, Darian	\$	2,00
The Past is the Key to the Present: The Paleoecology of Bison from High Elevation Ice Patches in the Greater Yellowstone Ecosystem,		
and Implications for Modern Bison Conservation, Western North American Naturalist	\$	2,00

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VALU	E of AWARD
Widga, Chris	\$	16,963
Covid-19 Remote Learning Emergency Fund for Educators, National Geographic Society	\$	7,050
Origins and Persistence of Grassy Balds in Great Smoky Mountains National Park, Great Smoky Mountains Conservation Association	\$	9,913
Physics and Astronomy	\$	452,336
Ignace, Richard	\$	197,384
Chandra's study of Cosmic Neon Lights: the WD merger CasJ0053 ll and its remarkable nebula, Smithsonian Astrophysical Observatory	\$	16,170
Is the Type Ic Supernova Progenitor WS35 a White Dwarf Mergern Product?, National Aeronautics & Space Administration	\$	10,139
Tight Surveillance of the Exemplary O Star $\zeta$ Ophiuchi with XMM-Newton and HST: Unveiling Massive Star Secrets, National		
Aeronautics & Space Administration	\$	8,869
Wind Emission from B+B Binaries: Shocks, Collisions, and Suppression, Smithsonian Astrophysical Observatory	\$	9,452
Wolf-Rayet stars in the outskirts of M33: unveiling helium-star evolution and feedback at subsolar metallicity, National Aeronautics &		
Space Administration	\$	222
Lifting the Veil on Wolf-Rayet Rotation Using Wind Structure: Multi-Wavelength & Spectropolarimetric Approaches, Space Telescope		
Science Institute	\$	142,173
Anchoring Mass-Loss & Metallicity for the WR Population M31 - A Prototype Study, Space Telescope Science Institute	\$	10,359
Smith, Beverly	\$	254,952
Noyce East Tennessee STEM Teacher Recruitment (NETSTR), National Science Foundation	\$	240,752
Student Attraction and Retention in Physics and Astronomy (SARPA) Scholarships, Vanderbilt University	\$	14,200
Psychology	\$	62,800
Stinson, Jill	\$	62,800
CAA Between ETSU and Frontier Health 2020-2021, Frontier Health, Inc.	\$	12,200
CAA for GA Support from Cherokee Health 2019-2020, Cherokee Health Systems	\$	10,200
CAA for GA Support from FTHRA 2019-2020, First Tennessee Human Resource Agency	\$	27,400
CAA Between ETSU and State of Franklin Health Associates (SOFHA), State of Franklin Healthcare Associates	\$	13,000
Sociology and Anthropology	\$	102,473
Baker, Joseph	\$	10,500
Editor in Chief - Sociology of Religion, Association for the Sociology of Religion	\$	10,500
Bright, Candace	\$	24,996
The Role of Museums in the Landscape of Minority Representation, University of Tennessee at Knoxville	\$	24,996

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	.UE of AWARD
Duncan, William N.	\$	15,94
Curation Center Artifacts, Cultural Resources Analysts Inc.	\$	5,95
Long Term Archaeological Monitoring & Research on Boone Reservoir, Washington and Sullivan Counties, Tennessee, Tennessee Valle	y	
Authority	\$	9,99
Foster, Kelly	\$	51,02
Ballad Health Brand Perception Survey with Abundant Health Acquisition, Abundant Health Acquisition	\$	51,02
COLLEGE OF BUSINESS & TECHNOLOGY	\$	1,023,79
Digital Media	\$	604,39
Cornett, Cheryl	\$	604,39
Create Appalachia Arts & Technology Economic Development Initiative, Appalachian Regional Commission	\$	604,39
Engineering, Technology, Surveying and Digital Media	\$	213,40
Isham, Dean	\$	4,06
2021 Architectural and Engineering Grant, TN Department of Commerce and Insurance	\$	4,06
Sims, Joseph	\$	26,61
VA Spire BPPV Grant, Veterans Affairs Medical Center	\$	26,61
Uddin, Moin	\$	149,99
A College Wide Implementation of Cultural Knowledge and Adapting to Diversity - A Pilot Study, TN Board of Regents	\$	49,99
OER: Improving Diversity, Equity and Inclusion at ETSU, TN Board of Regents	\$	100,00
Zollinger, David	\$	7,60
VA Spire BPPV Grant, Veterans Affairs Medical Center	\$	7,60
Connors, Daniel	\$	20,53
VA Spire BPPV Grant, Veterans Affairs Medical Center	\$	20,53
Fitzgerald, Marty	\$	4,60
VA Spire BPPV Grant, Veterans Affairs Medical Center	\$	4,60
Small Business Development Center	\$	206,00
Bays, Mark	\$	206,00
Tennessee Small Business Development Center 2021, Middle Tennessee State University	\$	206,00

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	UE of AWARD
COLLEGE OF CLINICAL & REHABILITATIVE HEALTH SERVICES	\$	255,49
Audiology and Speech-Language Pathology	\$	175,24
Elangovan, Saravanan	\$	7,00
Clinical Training at Ear, Nose & Throat Associates, P.C., Watauga Hearing Department, Ear, Nose & Throat Associates, P.C.	\$	7,00
Louw, Brenda	\$	19,88
Provision of Tuition and Course Work for Individuals Seeking a Master's Degree in SLP, TN Department of Education	\$	19,88
Nanjundeswaran, Chaya	\$	148,35
Cardiovascular Conditioning in the Treatment of Vocal Fatigue, National Institutes of Health/DHHS	\$	148,35
Dean, College of Clinical & Rehabilitative Health	\$	80,25
Samples, Donald	\$	3,74
Tennessee Early Intervention System (TEIS) - ETSU Speech, Language, Hearing Clinic, TN Department of Education	\$	3,74
Williams, Lynn	\$	76,50
Promoting a Global Mindset in Communication Sciences and Disorders Internet-Based Learning Course, American Speech-Language-		
Hearing Association	\$	76,50
COLLEGE OF EDUCATION	\$	1,154,30
Counseling and Human Services	\$	10,00
Bernard, Julia	\$	10,00
Niswonger CARES Advisor Counseling Students 2020-2021, Niswonger Foundation	\$	10,00
Curriculum and Instruction	\$	6,50
Yang, Shuling	\$	6,50
Envisioning the Depth of the Iceberg: Enhancing Elementary Students' Awareness on Social Equity with Multicultural Picture Books in		
Rural Appalachian Region, American Educational Research Association	\$	4,00
Honoring "Eyes that Kiss in the Corners": Integrating Multicultural Picture Books with Asian American Characters in Rural Elementary		
Classrooms, National Council of Teachers of English	\$	2,50
Dean, College of Education	\$	38,00
Click, Laura	\$	38,00
KAT - Kingsport Academy for Teaching, Kingsport City Schools	\$	38,00

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VA	LUE of AWARD
Early Childhood Education	\$	24,76
Hale, Kimberly	\$	11,50
Tennessee Early Intervention Services: Developmental Therapy Gap Services, TN Department of Intellectual and Developmental		
Disabilities	\$	11,50
Lange, Alissa	\$	13,26
WWC-ARISE: Subcontract to complete training and reviews for WWC, Development Services Group, Inc.	\$	13,26
Educational Foundations and Special Education	\$	1,005,03
Chambers, Cynthia	\$	157,75
Leadership Education in Neurodevelopment and Other Related Disabilities (LEND), Vanderbilt University	\$	157,75
Mims, Pamela	\$	248,59
Creating Interdisciplinary Leaders in Northeast Tennessee (CILNT), Department of Education	\$	248,59
Rowe, Dawn	\$	598,68
Access ETSU, Department of Education	\$	500,00
National Technical Assistance Center on Transition (NTACT), University of North Carolina at Charlotte	\$	61,85
Project B-JUST: Brain Injury & Juvenile Services Training: Empirically Defining Training Needs and Competencies for Juvenile Service	es	
Personnel for Young Offenders with TBI, University of Oregon	\$	21,83
Republic of the Marshall Islands (RMI) State Contract, Republic of the Marshall Islands	\$	15,00
Educational Leadership and Policy Analysis	\$	70,00
Rhoda, Rich	\$	70,00
ETSU Coleridge Initiative, Coleridge Initiative, Inc	\$	70,00
COLLEGE OF MEDICINE	\$	36,696,63
Biomedical Sciences	\$	5,108,31
Agrawal, Alok	\$	370,00
Complement-mediated anti-pneumococcal functions of C-reactive protein, National Institutes of Health/DHHS	\$	370,00
Beaumont, Eric	\$	733,40
Afferent Mechanisms of Vagal Neuromodulation Therapy, National Institutes of Health/DHHS	\$	603,53
Mapping neuronal pathway between the auricular vagus nerve and brainstem/efferent targets, Harvard University	\$	129,87
Bradshaw, Patrick	\$	142,58
Testing the NADPH Redox Theory of Aging in C. elegans, National Institutes of Health/DHHS	\$	142,58

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VALU	E of AWARD
Brown, Russell	\$	159,713
Application of Novel Anti-Inflammatory Drugs Towards Alzheimer's Disease, P2D Bioscience	\$	15,000
The role of adenosine A(2A) receptor activation on the behavioral and plasticity response to nicotine in a rodent model of		
schizophrenia, National Institutes of Health/DHHS	\$	144,713
Frasier, Chad	\$	215,858
The role of cardiac mitochondrial energetics in cardiac arrhythmias and SUDEP, National Institutes of Health/DHHS	\$	215,858
Gass, Justin	\$	435,364
Interaction Between Chronic Alcohol Exposure and Fear Memories, National Institutes of Health/DHHS	\$	435,364
Hagg, Theo	\$	1,181,090
Targeting CNTF to Increase Adult Forebrain Neurogenesis, National Institutes of Health/DHHS	\$	857,340
Targeting blood-derived integrin signaling after stroke, National Institutes of Health/DHHS	\$	323,750
Hoover, Donald	\$	222,000
Comprehensive Structural and Functional Mapping of the Mammalian Cardiac Nervous System, University of California Los Angeles	\$	222,000
Kruppa, Michael	\$	222,000
Genetic Characterization of Phosphomannan Biosynthesis in C. Auris, National Institutes of Health/DHHS	\$	222,000
Polichnowski, Aaron	\$	148,000
Hemodynamic Mechanisms of Impaired Recovery & Progression of Renal Disease Following AKI in Preexisting CKD States, National		
Institutes of Health/DHHS	\$	148,000
Rodriguez Gil, Diego	\$	141,715
Olfactory Ensheathing Cells & Microglia Contributions to Axon Removal in the Olfactory System, National Institutes of Health/DHHS	\$	141,715
Schmeichel, Brooke	\$	248,998
Hypocretin Contributions to Compulsive Methamphetamine Self-Administration in Rats, National Institutes of Health/DHHS	\$	248,998
Singh, Krishna	\$	232,130
Gender Specific Role of ATM in the Heart, National Institutes of Health/DHHS	\$	141,065
VA for Graduate Assistant , Veterans Affairs Medical Center	\$	29,225
VA IPA Agreement for ETSU Associate Professor of Medicine, Veterans Affairs Medical Center	\$	44,247
VA IPA Agreement for ETSU Research Specialist, Veterans Affairs Medical Center	\$	17,593
Singh, Mahipal	\$	141,218
Cardioprotective Role of Extracellular Ubiquitin in Myocardial Ischemia/Reperfusion Injury & Myocyte Apaptosis, National Institutes of		
Health/DHHS	\$	141,218

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	.UE of AWARD
Xie, Qian	\$	289,24
Met-Targeting Chimeric Antigen Receptor (MetCAR) T Cell Therapy in Heptocellular Carcinoma, Department of Defense	\$	289,24
Yakubenko, Valentin	\$	77,00
Targeting the Product of DHA Oxidation as Potential Substrate for Macrophage Retention During Atherosclerosis, American Heart		
Association - National	\$	77,00
Zhu, Meng-Yang	\$	148,00
Restoration of Noradrenergic and Dopaminergic Functions in the Brain of Aged Rats, National Institutes of Health/DHHS	\$	148,00
Dean, College of Medicine	\$	7,222,67
Lewis, Russell	\$	7,222,67
GME 2020-2021, TN Bureau of Tenncare	\$	6,106,40
To Provide Lease Space, TN Department of Health	\$	6,00
To Provide Services for Director of Managed Care, Medical Education Assistance Corporation	\$	19,00
To Provide Services for Orthopedic Residency Program, Ballad Health	\$	560,07
To Provide Services for Residency Programs, Various Sponsors	\$	531,20
Family Medicine	\$	1,037,23
Blackwelder, Reid	\$	553,15
Addiction Medicine Fellowship, Ballad Health	\$	480,15
To Provide Services for ECHO, Medical Education Assistance Corporation	\$	73,00
Stoltz, Amanda	\$	484,07
Family Medicine Training in Rural Appalachia, Health Resources and Services Administration/DHHS	\$	484,07
Geriatrics and Gerontology	\$	27,59
Hamdy, Ronald	\$	27,59
To Provide Staff for Editorial Office, International Society for Clinical Densitometry	\$	27,59
Internal Medicine	\$	13,675,58
Moorman, Jonathan	\$	12,264,11
340B Outpatient Drug Program, Nashville Pharmacy	\$	11,691,83
HIV/AIDS Center of Excellence - Case Management Services 2020-2021, TN Department of Health	\$	40,50
HIV/AIDS Center of Excellence - Case Management Services 2021-2022, TN Department of Health	\$	239,40
Role of Hematopoietic Stem Cells in Stress-Induced Lymphocyte Apoptosis, National Institutes of Health/DHHS	\$	148,00
Vaccine Failure in HIV Infection Mediated by Myeloid Derived Suppressor Cells (MDSCs) , National Institutes of Health/DHHS	\$	144,38

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VALU	E of AWARE
Ning, Shunbin	\$	447,00
Targeting the Oncogenic Transcription Factor IRF4 in Hematological Malignancies, National Institutes of Health/DHHS	\$	447,00
Summers, Jeffrey	\$	305,60
Salary and Expense for Behavioral Health Faculty, Medical Education Assistance Corporation	\$	156,00
To Provide Services for IBHS Director, Medical Education Assistance Corporation	\$	149,60
Yao, Zhi	\$	658,86
Characterize the host immune responses in subjects with or without COVID-19 and/or diabetes, American Diabetes Association	\$	100,00
Dual Specific Gene Editing Drugs Delivered by Nanoparticles Targeting Latent HIV/HBV Infection, National Institutes of Health/DHHS	\$	234,22
GA Support from the VA, Veterans Affairs Medical Center	\$	111,64
IPA for ETSU PhD Candidate, Veterans Affairs Medical Center	\$	34,40
IPA for ETSU Research Specialist, Mountain Home Research and Education Corporation	\$	63,50
IPA for ETSU Research Specialist, Veterans Affairs Medical Center	\$	80,00
IPA for ETSU Technician, Veterans Affairs Medical Center	\$	35,10
Learning Resources	\$	3,26
Weyant, Emily	\$	3,26
Exhibitor Award for the QCoM Library exhibiting at the Rural Health Association of TN Annual Meeting, National Network of Libraries of Medicine	\$	1,7
Exhibitor Award for the QCoM Library exhibiting at the TN Public Health Association Annual Meeting, National Network of Libraries of Medicine	\$	1,5
Obstetrics and Gynecology	\$	323,82
Canavan, Timothy	\$	323,82
To Provide Services for OB/GYN, Medical Education Assistance Corporation	\$	323,8
Pathology	\$	1,066,14
Schweitzer, John	\$	1,066,14
Postmortem Examinations and Communications, TN Department of Health	\$	249,2
To Provide Services for Medical Examiner in Upper East TN Counties, Various Sponsors	\$	759,4
To Provide Technical Support for MSHA Autopsies, Mountain States Health Alliance	\$	1,2
To Provide Autopsy Services at Department of Veteran's Affairs Medical Center, Veterans Affairs Medical Center	\$	56,2
Parsons, Laura	\$	-
Microsoft Surface Pro 4 Tablet for Death Investigation, TN Department of Health	\$	-

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	UE of AWARD
Pediatrics	\$	3,064,23
Bailey, Beth	\$	91,69
Electronic Cigarette Use During Pregnancy, University of Connecticut	\$	91,69
Hajianpour, MJ	\$	413,40
ETSU Genetic Screening, Testing, Counseling, Education and Follow-Up Services 2020-2023, TN Department of Health	\$	413,40
Popescu, Marcela	\$	46,00
Hemophilia care clinic for State Program, TN Department of Health	\$	46,00
Schetzina, Karen	\$	119,90
Empowering Families - Supporting Communities, Ballad Health	\$	100,00
Supporting Mothers Through Baby Steps Maternal Mortality Action Project, TN Department of Health	\$	19,90
Tuell, Dawn	\$	2,393,24
To Provide Physician Services for Pediatrics, Mountain States Health Alliance	\$	326,74
To Provide Services for Pediatrics, Medical Education Assistance Corporation	\$	2,031,50
To Provide Support for Pediatrics, Ballad Health	\$	35,00
Psychiatry and Behavioral Sciences	\$	1,095,05
Moser, Michele	\$	1,030,05
Behavioral Health Services Center of Excellence Services, BlueCare Tennessee	\$	521,08
TennCare Center of Excellence for Children in State Custody 2017-2022, TN Department of Children's Services	\$	508,96
Musil, Allen	\$	65,00
To Provide Services at Woodridge, Mountain States Health Alliance	\$	65,00
Surgery	\$	4,072,72
Browder, Isaac	\$	1,379,29
Pediatric Contract with Ballad, Medical Education Assistance Corporation	\$	350,00
To Provide Services for Surgery, Various Sponsors	\$	177,34
To Provide Services for Trauma Surgeons and Trauma Medical Director at JCMCH, Medical Education Assistance Corporation	\$	851,95
Fan, Min	\$	31,0
Cooperative Role of HSPA12B and YAP in Regulation of Antiogenesis After Myocardial Infarction, American Heart Association -		
National	\$	31,01

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	UE of AWAR
Kleinman, Mark	\$	351,5
The Role of Histone Deacetylases in Age-Related Macular Degeneration, National Institutes of Health/DHHS	\$	351,5
Li, Chuanfu	\$	1,962,34
Innate Immunity and Cardiovascular Function in Sepsis, National Institutes of Health/DHHS	\$	333,00
Novel Role of Lactate for Cardiovascular Dysfunction in Sepsis, National Institutes of Health/DHHS	\$	1,097,1
Role of Toll-Like Receptor Signaling in Cardiac IschemiaR01, National Institutes of Health/DHHS	\$	532,22
Ozment, Tammy	\$	348,50
Cellular and Molecular Mechanisms of Fungal Sepsis in the Critically III Patient, National Institutes of Health/DHHS	\$	288,60
NIGMS Equipment Supplement 2020Equipment supplement request for Mesoscale QuickPlex SQ 120MM Reader, National Institutes of		
Health/DHHS	\$	59,9
COLLEGE OF NURSING	\$	6,445,6
Center for Nursing Research	\$	11,2
Hooper, Vallire	\$	11,2
Exploration of the Predictive Capacity of the Scott Triggers™ Instrument in Predicting Postoperative Pressure Injury (PPI) Development,		
Association of periOperative Registered Nurses	\$	10,0
Perioperative Nurses' Experience During the COVID-19 Pandemic, University of Kentucky	\$	1,2
Nursing, Graduate Programs	\$	257,92
Haddad, Lisa	\$	100,68
Nurse Faculty Loan Program, Health Resources and Services Administration/DHHS	\$	100,68
Rice, Judith	\$	137,2
PATH 2020-2021 (Projects for Assistance in the Transition from Homelessness), TN Department of Mental Health and Substance		
Abuse Services	\$	137,2
Mullins, Christine	\$	20,0
Implementation of an Evidence-based Suicide Prevention Program for a Primary Care Network of Clinics in Rural Appalachia, Sigma		
Nursing	\$	20,00
Nursing, Office of Practice	\$	6,126,5
Bodo, Mark	\$	121,0
USDA Telehealth & Distance Learning Grant, Department of Agriculture	¢	121,0

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR		VALUE of AWARD	
	VALC		
Ferguson, Kimberly	\$	881,670	
Northeast Tennessee Nurse Family Partnership (NETNFP), TN Department of Health	\$	881,670	
Harris, James	\$	20,200	
Mountain City FY21 Safety Net, TN Department of Health	\$	20,200	
Maupin, Ernest	\$	400,000	
Progressive Resident Experiences for Practitioners to meet Appalachian Rural Healthcare Expectations (PREPARE), Health Resources			
and Services Administration/DHHS	\$	400,000	
Robinson, Roslyn	\$	168,486	
RHC CFB COVID-19, TN Department of Health	\$	168,486	
Tolan, Silas	\$	3,515,844	
American Rescue Plan, Health Resources and Services Administration/DHHS	\$	984,313	
CHC Dental Safety Net FY 2021, TN Department of Health	\$	16,250	
Fiscal Year 2021 National Hypertension Control Initiative Supplemental Funding for Health Centers (NHCI-HC) Guidance, Health			
Resources and Services Administration/DHHS	\$	124,920	
Health Center Coronavirus Supplemental Funds, Health Resources and Services Administration/DHHS	\$	705,320	
Safety Net - CHC - Primary Care Services for Uninsured Adult Tennesseans 19-64 yrs 2020-2021, TN Department of Health	\$	137,500	
Health Center Cluster 2020-2021, Health Resources and Services Administration/DHHS	\$	1,547,541	
Treat, Sarah	\$	431,451	
HELP SARA, Health Resources and Services Administration/DHHS	\$	431,451	
Vanhook, Patricia	\$	587,780	
ETSU Northeast Tennessee Nurse-Family Partnership (NETNFP), TN Department of Human Services	\$	587,780	
Nursing, Undergraduate Programs	\$	50,000	
Quillen, Tabitha	\$	50,000	
Facilitating LPN-BSN Success Through Engagement and Simulation Training (LPN-BSN EAST), TN Board of Regents	\$	50,000	
COLLEGE OF PHARMACY	\$	58,064	
Dean, College of Pharmacy	\$	45,092	
Williams, Michele	\$	45,092	
The Gatton College of Pharmacy Pilot Program for Engagement, Retention, and Recruitment of Students Whose First Language is not			
English, TN Board of Regents	\$	45,092	

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	UE of AWARD
Pharmacy Practice	\$	12,97
Gray, Jeffrey	\$	4,95
Pharmacy Technician Certification Grant, Pharmacy Technician Certification Board	\$	4,95
Hagemeier, Nicholas	\$	8,01
Integrating pharmacy-based prevention and treatment of opioid and other substance use disorders: A survey of pharmacists and		
stakeholders (Pharm-Serve-SUD), Duke University	\$	8,01
COLLEGE OF PUBLIC HEALTH	\$	6,079,71
Biostatistics and Epidemiology	\$	149,82
Liu, Ying	\$	49,60
IPA with Veterans Affairs Medical Center, Veterans Affairs Medical Center	\$	3,92
Mechanobehavior Distinguishes Mandibular Growth Differences in Two Facial Types, Oregon Health & Science University	\$	12,09
Oral Health in the Older Adult Population: Assessment in Tennessee, TN Commission on Aging and Disability	\$	33,59
Quinn, Megan	\$	48,91
Growing Roots in Workforce Development and Sustainability, Appalachian Sustainable Development	\$	48,91
Wahlquist, Amy	\$	51,30
CONNECT (Clinical Outcomes of a Nationwide, Naturalistic E-Cig Trial), Medical University of South Carolina	\$	10,11
Development and Testing of a Behavioral Activation Mobile Therapy for Elevated Depressive Symptoms, MountainPass Technology	\$	31,06
STARS (Smoking Treatment And Remote Sampling) Study, Medical University of South Carolina	\$	10,11
Community and Behavioral Health	\$	2,095,24
Hagaman, Angela	\$	282,21
Tennessee Opioid Screening, Brief Intervention, Referral for Treatment (TN - Opioid SBIRT) 2020-2021, TN Department of Mental		
Health and Substance Abuse Services	\$	141,50
Tennessee Opioid Screening, Brief Intervention, Referral for Treatment (TN - Opioid SBIRT) 2019-2020, TN Department of Mental		
Health and Substance Abuse Services	\$	140,71
Pack, Robert	\$	1,776,26
Studies to Advance Recovery Supports (STARS) in Central Appalachia, National Institutes of Health/DHHS	\$	1,077,22
Rural Health Equity Research Center (RHERC), Health Resources and Services Administration/DHHS	\$	699,04
Pettyjohn, Sam	\$	17,32
COVID-19 Survey Data Analysis, University of Kentucky College of Public Health	\$	7,14
Situational Analysis of the Child Friendly City Initiative Planning Process, Johnson City Public Library	\$	10,17

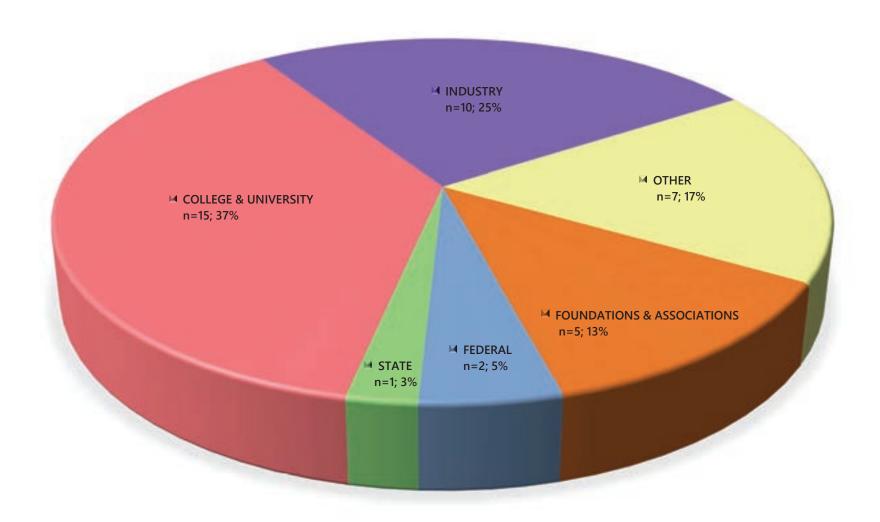
DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VALU	JE of AWAR
Hillhouse, Joel	\$	19,4
Randomized Trial of a Social Media-Delivered Intervention Targeting Indoor Tanning Users, University of Kentucky College of Public		
Health	\$	19,4
Dean, College of Public Health	\$	205,0
Kidwell, Ginny	\$	200,0
Correctional Career Pathways 2 Replication Project, Appalachian Regional Commission	\$	200,0
Minnick, Christen	\$	5,0
PHAB Rural Health Department Review, Public Health Accreditation Board	\$	5,0
invironmental Health	\$	52,9
Aula, Mercy	\$	8,8
Analysis of Complex sEMG Data in Agricultural Ergonomics: An ETSU & Murray State Collaboration, University of Kentucky College of		
Public Health	\$	8,8
Scheuerman, Phillip	\$	44,0
Semi-Annual Macroinvertebrate Semi-Quantitative Single Habitat Stream Survey (SQSH) for Two Sites Located on Brush Creek,		
Johnson City, Tennessee, Johnson City, TN, City of	\$	9,4
Semi-Annual Macroinvertebrate Semi-Quantitative Single Habitat Stream Survey on Limestone Creek, Jonesborough, TN, Wingfield		
Environmental, Inc.	\$	34,6
Health Sciences	\$	476,5
Chandley, Michelle	\$	127,2
Neuroinflammatory Mediators of Glutamatergice & GABAergic Neuropathology in the Anterior Cingulate Cortex of Autism Spectrum		
Disorder, National Institutes of Health/DHHS	\$	127,2
Forsman, Allan	\$	139,2
Identification of Central Neural Pathways Responsible For FGF21-induced Changes in Sympathetic Metabolic and Cardiovascular		
Activity, National Institutes of Health/DHHS	\$	139,2
Petersen, Erik	\$	54,0
Development of Salmonella Sensing-Based Anitmicrobials, Binational Agricultural Research and Development Fund	\$	54,0
Pritchett, Christopher	\$	15,0
Peptide - Vaccine Development Against Lyme Disease, West Virginia Research Corporation	\$	15,0
Zahner, Matthew	\$	141,0
Characterizing the Role for the Dorsomedial Hypothalamic Nucleus in the Cardiogenic Sympathetic Afferent Reflex, National Institutes		
of Health/DHHS	\$	141,0

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR		VALUE of AWARD	
Health Services Management and Policy	\$	3,100,165	
Ariyo, Oluwatosin	\$	40,621	
Changemakers In Family Planning: Professional Development for Research to Center Black Women's Contraceptive Experiences,			
Society of Family Planning	\$	40,621	
Dula, Taylor	\$	30,815	
Region IV Public Health Training Center, Emory University - Atlanta	\$	30,815	
Meit, Michael	\$	225,750	
NORC Appalachian Diseases of Despair Update (G201), National Opinion Research Center	\$	5,000	
NORC Eastern Kentucky Positive Deviance Study, National Opinion Research Center	\$	29,000	
NORC Huntington, WV ACES Study, National Opinion Research Center	\$	25,000	
NORC NRPA Food Security, National Opinion Research Center	\$	76,000	
NORC NRPA Youth Mentoring, National Opinion Research Center	\$	40,000	
NORC Standardized Overdose Surveillance Data to Inform Targeted Drug-Related Prevention, Treatment, Policy Making, and Harm			
Reduction Strategies, National Opinion Research Center	\$	10,750	
NORC USDA Opioid Mapping, National Opinion Research Center	\$	40,000	
Khoury, Amal	\$	2,802,979	
Evaluation of the South Carolina Initiative to Reduce Unintended Pregnancy, Private Foundation (SCI)	\$	2,802,979	
OFFICE OF ADMINISTRATION	\$	7,500	
Public Safety	\$	7,500	
Gilland, Crystal	\$	2,500	
Keep Tennessee Beautiful, TN Department of Transportation	\$	2,500	
Mayberry, Jennifer	\$	5,000	
High Visibility Enforcement of Tennessee Traffic Safety Laws, TN Governor's Highway Safety Office	\$	5,000	
OFFICE OF THE PRESIDENT	\$	282,603	
WETS Campus Radio FM	\$	282,603	
Winkler, Wayne	\$	282,603	
Community Service Grant 2019-2021, Corporation for Public Broadcasting	\$	50,386	
Community Service Grant 2020-2022, Corporation for Public Broadcasting	\$	45,319	
CPB American Rescue Plan Funds 2021, Corporation for Public Broadcasting	\$	136,512	
CPB CARES Funding 2020, Corporation for Public Broadcasting	\$	50,386	

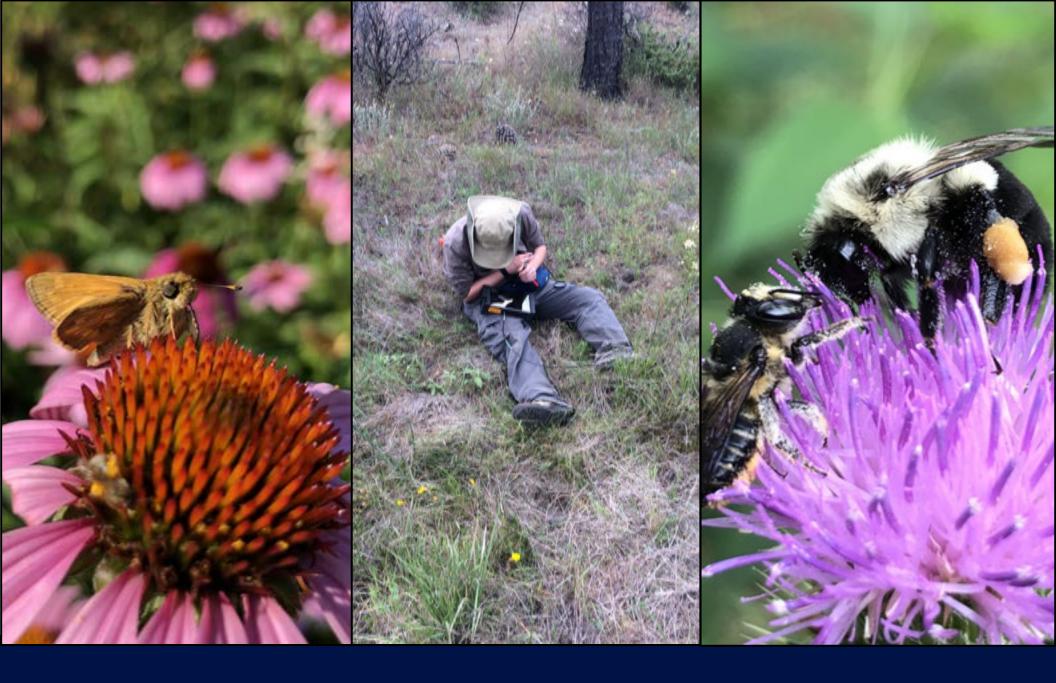
	VALUE of AWAR	
STUDENT AFFAIRS	\$	3,014,01
Enrollment Services, TRIO Programs	\$	3,009,0
Gross, Ronnie	\$	3,009,0
Educational Opportunity Center, Department of Education	\$	273,7
Educational Talent Search, Department of Education	\$	323,4
ETSU at Kingsport Upward Bound, Department of Education	\$	297,6
ETSU Ronald McNair Postbaccalaureate Achievement, Department of Education	\$	299,9
ETSU Upward Bound Bristol, Department of Education	\$	297,6
ETSU Upward Bound Johnson City, Department of Education	\$	538,4
ETSU Upward Bound Math Science, Department of Education	\$	297,8
ETSU Veterans Upward Bound, Department of Education	\$	310,0
Student Support Services, Department of Education	\$	370,2
Student Affairs	\$	5,0
Fulkerson, Joy	\$	5,0
Ask Every Student Co-Designer Grant, Students Learn Students Vote Coalition	\$	5,0
UNIVERSITY CENTERS	\$	6,973,3
Center for Appalachian Studies	\$	561,5
Bidgood, Lee	\$	10,0
Fellowship Award for Amanda Morgan - In These Mountains, South Arts	\$	10,0
Roach, Ron	\$	551,5
Appalachian Teaching Project, Appalachian Regional Commission	\$	149,5
Center of Excellence in Appalachian Studies 2020-2021, TN Higher Education Commission	\$	304,9
Governor's School for the Scientific Exploration of Tennessee Heritage 2019-2020, TN Department of Education	\$	97,1
Center for Community Outreach and Family Services	\$	4,040,4
Leger, Robert	\$	4,040,4
Families First - Community Innovation Grant (NCP) Non-Custodial Parents, TN Department of Human Services	\$	1,000,0
Family Focused Solutions, TN Department of Human Services	\$	741,0
WIOA National Disaster Relief Funding, Title I Career Service Provider, Alliance for Business and Training	\$	137,4
Workforce Innovation & Opportunity Act: American Job Center-One-Stop Operator, Alliance for Business and Training	\$	252,5
Workforce Innovation & Opportunity Act: Title 1 Career Service Provider, Alliance for Business and Training	\$	1,909,3

DIVISION, DEPARTMENT & PRINCIPAL INVESTIGATOR	VAL	UE of AWARD
Center for Early Childhood Learning and Development	\$	1,496,960
Hale, Kimberly	\$	956,308
Center of Excellence in Early Childhood 2020-2021 , TN Higher Education Commission	\$	191,000
Child Care Access Means Parents in School - CCAMPIS at ETSU, Department of Education	\$	85,935
Data Analysis Project: TN Dept. of Education - Part B surveys, TN Department of Education	\$	51,999
Expanding Horizons: Early Intervention Project, TN Department of Education	\$	586,589
Data Analysis Project: TEIS (Collecting, analyzing and reporting results of Part C parent surveys), TN Department of Intellectual and		
Developmental Disabilities	\$	40,785
Mietzner, Sara	\$	540,652
TECTA - Tennessee Early Childhood Training Alliance 2020-2021, Tennessee State University	\$	458,452
TECTA Tuition 2019-2020, Tennessee State University	\$	9,000
TECTA Tuition 2020-2021, Tennessee State University	\$	73,200
Center of Excellence in Math & Science Education	\$	337,112
Godbole, Anant	\$	119,462
Governor's School in the Integration of Biological & Statistical Sciences, TN Department of Education	\$	89,314
Integrating Computing into the High School Mathematics Curriculum, Battelle Memorial Institute	\$	30,148
Tai, Chih-Che	\$	217,650
Integrating STEM and Literacy with Computation in Elementary Education (i-SLICEE), Department of Education	\$	217,650
Child and Family Health Institute	\$	495,774
Johnson, Kiana	\$	495,774
Optimal Gifted & Talented Student Identification: Maximizing Efficacy, Efficiency & Equity, Department of Education	\$	495,774
Applied Social Research Laboratory	\$	41,582
Foster, Kelly	\$	41,582
Ballad Health COVID-19 Community Care Project - 2020, Ballad Health	\$	41,582
Grand Total	\$	82,133,208

# VI. EAST TENNESSEE STATE UNIVERSITY FY21 NON-FINANCIAL AGREEMENTS<sup>1</sup>: NUMBER & PERCENT OF TOTAL (*N*=40) BY ENTITY TYPE



<sup>&</sup>lt;sup>1</sup> Includes agreements such as Memoranda of Understanding and Data Use, Confidential Disclosure, and Material Transfer





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