Monthly Awards Report for March 2018

Office of Grants and Contracts Administration, University of North Texas

Awards Total by College	March 2017	March 2018	YTD FY2017	YTD FY2018
College of Arts and Sciences	\$ 1,145,235	\$ -	\$ 5,952,977	\$ 503,752
College of Business	\$ -	\$ -	\$ 546,749	\$ 2,665,496
College of Education	\$ 228,608	\$ -	\$ 2,007,698	\$ 8,774,082
College of Engineering	\$ 681,581	\$ 1,010,434	\$ 7,793,265	\$ 1,199,538
College of Health and Public Service (prev. PACS)	\$ 49,660	\$0	\$ 1,624,990	\$ 68,253
College of Information	\$ -	\$ -	\$ 510,400	\$ 1,679,686
College of Liberal Arts & Social Sciences	\$ -	\$ 142,526	\$ -	\$ 64,241
College of Merchandising, Hospitality and Tourism	\$ -	\$ -	\$ 326,650	\$ -
College of Music	\$ -	\$ -	\$ -	\$ -
College of Science	\$ -	\$ 749,636	\$ -	\$ 5,190,722
College of Visual Arts and Design	\$ -	\$ -	\$ 9,500	\$ -
Mayborn School of Journalism	\$ 15,649	\$ -	\$ 59,249	\$ -
Other ¹	\$ -	\$ -	\$ 2,717,800	\$ 2,884,189
Grand Total:	\$ 2,120,733	\$ 1,902,596	\$ 21,549,279	\$ 23,029,958
Awards Total by Category				
Instruction	\$ 17,811	\$ 86,018	\$ 1,825,343	\$ 2,114,298.00
Research	\$ 2,053,262	\$ 1,816,578	\$ 16,033,511	\$ 16,587,269.18
Public Service	\$ 49,660	\$ -	\$ 3,690,425	\$ 4,267,484.98
Others	\$ -	\$ -	\$ -	\$ 60,906.00
Grand Total:	\$ 2,120,733	\$ 1,902,596	\$ 21,549,279	\$ 23,029,958
Awards Total by Source of Funding				
Federal	\$ 1,511,886	\$ 1,253,469	\$ 17,075,113	\$ 18,609,671
Private	\$ 608,847	\$ 439,344	\$ 2,677,044	\$ 2,967,885
State	\$ -	\$ 209,783	\$ 1,797,122	\$ 1,452,402
Grand Total:	\$ 2,120,733	\$ 1,902,596	\$ 21,549,279	\$ 23,029,958

Note: 1 "Other" colleges includes UNT Libraries, Honors College, Distributed Learning Support, Office of the Provost and Vice President of Academic Affairs, Vice President for Student Development, Vice President for Research and Economic Development, Enrollment Management and Equity and Diversity.

File Number	Account Number	Award Title	Activit	y Sponsor	Original Source	Project Period	Total Award		Currently Allocated	Recognition %	Distribution Amount
UNT											
College of	^f Enginee	ring									
Biomedica	al Engine	ering									
Yang,Yong											
GN17-0580	GF30045	UNS: Nanotopographical Memory Modulates Stem Cell Fate	R	National Science Founda	ation Federal	9/1/2017- 6/30/2018	\$245,103	\$0	\$245,103	3 100%	\$245,103
			Total fo	or Yang,Yong							\$245,103
Zhu,Dongh	ui										
		ul Engineering; Young, M., Co-PI; M									
GN17-0107	GF00010	Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials	R	National Institutes of He	ealth Federal	6/1/2018- 5/31/2022	\$1,752,638	\$1,305,453	\$447,185	5 90%	\$402,467
			Total fo	or Zhu,Donghui							\$402,467
			Total fo	or Biomedical Engineer	ring						\$647,570
Computer	Science	& Engineering									
Blanco Villa	ar,Eduard)									-1
GN17-0324	GF30021	Towards Inter-Sentential Models for Detecting Focus of Negation	R	National Science Founda	ation Federal	4/1/2017- 3/31/2019	\$68,000	\$60,000	\$8,000	0 100%	\$8,000
			Total fo	or Blanco Villar,Eduaro	do						\$8,000
Fu,Song											
GN18-0154	GF40079	Exploring Declustered RAID and Proactive Data Protection to Develop Always-On HPC Storage Systems		Los Alamos National Laboratory	Federal	3/8/2018- 10/31/2020	\$60,000	\$0	\$60,000	0 100%	\$60,000
		5 y 5 com 5		or Fu,Song							

Mikler, Armin R Mikler, A., Pl. Computer Science & Engineering; O'Neill II, M., Co-Pl. Institute for Applied Sciences GN18-0198 GF40080 Development and deployment of computational methods to facilitate response planning for POD placement and distribution of Medical Counter Measures from Regional RSS sites to PODs in Texas DSHS Region 6/5S Taxas Department of State State Health Service State 6/30/2018 \$209,783 \$0 \$209,783 50% Materials Science & Engineering Total for Computer Science & Engineering Woung,Marcus Lynn Young, M. Co-Pl. Materials Science & Engineering; Zhu, D., Pl. Biomedical Engineering GN17-0107 GF00010 Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials R National Institutes of Health Federal 5/31/2022 6/1/2018-5/31/2022 \$1,752,638 \$1,305,453 \$447,185 10% GN17-0467 GP00017 Characterization of Pb-based Batteries R RSR Technologies, Inc. Private 5/16/2017-12/31/2018 \$72,644 \$24,519 \$48,125 100% Total for Young,Marcus Lynn Total for Materials Science & Engineering Mechanical & Energy Engineering Choi,Tae-Youl G	Distribution Amount	Recognition %		Previously Allocated	Total Award	Project Period	Original Source		Award Title	Account Number	File Number
GN18-0198 GF4080 Development and deployment of computational methods to facilitate response planning for POD placement and distribution of Medical Counter Measures from Regional RSS sites to PODs in Texas DSHS Region 6/5S Total for Mikler,Armin R Total for Computer Science & Engineering Materials Science & Engineering Materials Science & Engineering Total For Computer Science & Engineering Materials Science & Engineering Total For Computer Science & Engineering Materials Science & Engineering Total Institutes of Health Federal Solitation of Polymony Materials GN17-0107 GF00010 Rovel Surface-Modified Bioresorbable Zinc-Based Stent Materials GN17-0467 GP00017 Characterization of Pb-based Batteries Total for Materials Science & Engineering Total for Materials Science & Engineering R National Institutes of Health Federal Solitation of Pb-based Batteries Total for Materials Science & Engineering Mechanical & Energy Engineering Total for Materials Science & Engineering Total for Materials Science & Engineering Machinery & Materials Final Science & Engineering Total for Materials Science & Engineering Machinery & Materials Final Science & Engineering Total For Materials Science & Engineering Total For Materials Science & Engineering Total For Materials Science & Engineering Machinery & Materials Final Science & Engineering Total For Materials Science & Engineering Total For Materials Science & Engineering Machinery & Materials Final Science & Engineering Total For Materials Science & Engineering Machinery & Materials Final Science & Engineering Final Science										nin R	Mikler,Arn
Computational methods to facilitate response planning for POD placement and distribution of Medical Counter Measures from Regional RSS sites to PODs in Texas DSHS Region 6/5Ss Total for Mikler, Armin R Total for Computer Science & Engineering Materials Science & Engineering Materials Science & Engineering Young, Marcus Lynn Young, M., Co-PI: Materials Science & Engineering; Zhu, D., PI: Biomedical Engineering GN17-0107 GP00010 Novel Surface-Modified Bioresorbable Zine-Based Stent Materials GN17-0407 GP00017 Characterization of Pb-based Batteries Total for Young, Marcus Lynn Total for Young, Marcus Lynn Total for Mikler, Armin R Federal 6/1/2018- \$1,752,638 \$1,305,453 \$447,185 10% \$10% \$10,700 \$10,7							ences	M., Co-PI; Institute for Applied Science	er Science & Engineering; O'Neill II	PI; Comput	Mikler, A., I
Materials Science & Engineering	\$104,892	3 50%	\$209,783	\$0	\$209,783		State		computational methods to facilitate response planning for POD placement and distribution of Medical Counter Measures from Regional RSS sites to PODs in	GF40080	GN18-0198
National Institutes of Health Federal 6/1/2018 5/31/2022	\$104,892							Total for Mikler,Armin R			
Young,Marcus Lynn Young, M., Co-PI; Materials Science & Engineering; Zhu, D., PI; Biomedical Engineering Biomedical Engineering GN17-0107 GF00010 Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials R National Institutes of Health Federal 5/31/2022 6/1/2018-5/31/2022 \$1,752,638 \$1,305,453 \$447,185 10% GN17-0467 GP00017 Characterization of Pb-based Batteries R RSR Technologies, Inc. Private Total for Young,Marcus Lynn 5/16/2017-12/31/2018 \$72,644 \$24,519 \$48,125 100% Mechanical & Energy Engineering Choi,Tae-Youl GN16-0471 GP50000 Development of a kW-Level Nanocomposites-Based Membrane Heat Pump R Korea Institute of Machinery & Materials Private Private Fival College Solution Solut	\$172,892						gineering	Total for Computer Science & Eng			
Young, M., Co-PI: Materials Science & Engineering: Zhu, D., PI: Biomedical Engineering GN17-0107 GF00010 Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials R National Institutes of Health Federal 5/31/2022 \$1,752,638 \$1,305,453 \$447,185 10% GN17-0467 GP00017 Characterization of Pb-based Batteries R R RSR Technologies, Inc. Private 712/31/2018 Private 5/16/2017-12/31/2018 \$72,644 \$24,519 \$48,125 100% Mechanical & Energy Engineering Choi, Tae-Youl GN16-0471 GP50000 Development of a kW-Level Nanocomposites-Based Membrane Heat Pump R Korea Institute of Machinery & Materials Private 5/31/2019 \$216,892 \$119,762 \$97,130 100%									& Engineering	Science &	Materials
GN17-0107 GF00010 Novel Surface-Modified Bioresorbable Zinc-Based Stent Materials R National Institutes of Health Federal 6/1/2018 \$1,752,638 \$1,305,453 \$447,185 10%										cus Lynn	Young,Man
Batteries 12/31/2018 Total for Young,Marcus Lynn Total for Materials Science & Engineering Mechanical & Energy Engineering Choi,Tae-Youl GN16-0471 GP50000 Development of a kW-Level Nanocomposites-Based Membrane Heat Pump R Korea Institute of Machinery & Materials Machinery & Materials Private 6/1/2016- \$216,892 \$119,762 \$97,130 100% 5/31/2019	\$44,719	5 10%	\$447,185	\$1,305,453	\$1,752,638		Federal	9	Novel Surface-Modified Bioresorbable Zinc-Based Stent		
Total for Materials Science & Engineering Mechanical & Energy Engineering Choi, Tae-Youl GN16-0471 GP50000 Development of a kW-Level Nanocomposites-Based Membrane Heat Pump R Korea Institute of Materials Private 6/1/2016- \$216,892 \$119,762 \$97,130 100%	\$48,125	5 100%	\$48,125	\$24,519	\$72,644		Private	R RSR Technologies, Inc.		GP00017	GN17-0467
Mechanical & Energy Engineering Choi, Tae-Youl GN16-0471 GP50000 Development of a kW-Level Nanocomposites-Based Membrane Heat Pump R Korea Institute of Machinery & Materials 5/31/2019 Machinery & Materials 5/31/2019	\$92,844							Total for Young,Marcus Lynn			
Choi, Tae-Youl GN16-0471 GP50000 Development of a kW-Level R Korea Institute of Machinery & Materials Heat Pump R Korea Institute of Machinery & Materials 5/31/2019 Nanocomposites-Based Membrane Heat Pump	\$92,844						ineering	Total for Materials Science & Eng			
GN16-0471 GP50000 Development of a kW-Level R Korea Institute of Private 6/1/2016- \$216,892 \$119,762 \$97,130 100% Nanocomposites-Based Membrane Heat Pump									rgy Engineering	al & Ene	Mechanic
Nanocomposites-Based Membrane Machinery & Materials 5/31/2019 Heat Pump										oul	Choi, Tae-Y
Total for Chai Too Vaul	\$97,130) 100%	\$97,130	\$119,762	\$216,892		Private		Nanocomposites-Based Membrane	GP50000	GN16-0471
Total for Cnoi, rae-roui	\$97,130							Total for Choi, Tae-Youl			
Total for Mechanical & Energy Engineering	\$97,130					g	ngineerin	Total for Mechanical & Energy E			
Total for College of Engineering \$	\$1,010,434							Total for College of Engineering			
College of Liberal Arts & Social Sciences									Arts & Social Sciences	Liberal A	College of

File Number	Account Number	Award Title	Activity Sponsor	Original Source	Project Period	Total Award		Currently Allocated	Recognition %	Distribution Amount
Political S	Science									
Hensel,Pau	ıl Richard									
GN0007347 GF2707		Identity Claims: Expanding the Issue Correlates of War (ICOW) Dataset	R U.S. Office of Naval Research	Federal	1/1/2016- 12/31/2018	\$675,960	\$625,960	\$50,000	100%	\$50,000
			Total for Hensel,Paul Richard							\$50,000
			Total for Political Science							\$50,000
Psycholog	gy									
Ruggero,C	amilo									
GN18-0133 GF	3 GF40074	Personality-Informed Care Model for 9/11-Related Conditions	R Stony Brook University	Federal	9/1/2017- 8/31/2018	\$46,864	\$40,356	\$6,508	3 100%	\$6,508
			Total for Ruggero, Camilo							\$6,508
			Total for Psychology							\$6,508
World La	nguage, I	Literature, & Cultures								
Filosofova,	Tatiana Vla	adimirov								
GN18-0053 GF	3 GF70035	STARTALK: 2018 Welcome to My World- Summer School Proposal 2018 (Russian and Chinese), UNT Campus	I National Security Agency	Federal	3/28/2018- 3/31/2019	\$86,018	\$0	\$86,018	3 100%	\$86,018
			Total for Filosofova, Tatiana Vla			\$86,018				
			Total for World Language, Lite	rature, & C	ultures					\$86,018
			Total for College of Liberal Arts	s & Social S	ciences					\$142,526
College o	f Science									

	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	-	Currently Allocated	Recognition %	Distribution Amount
Biological S	Sciences	7									
Ayre,Brian G	<u>;</u>										
Ayre, B., PI;	McGarry,	R., Co-PI; Biological Sciences									
GN18-0227 (GP20049	Redesigning the cotton plant's architecture to improve yield and quality	R (Cotton Incorporated	Private	1/1/2018- 12/31/2018	\$45,000	\$7,203	\$37,79	7 50%	\$18,899
			Total for	Ayre,Brian G							\$18,899
Chapman,Ke	ent D										
GN18-0211 (GP00030	Embryogenic Cell Culture Screening System for Herbicide Tolerance	R E	BASF Plant Science, LP	Private	3/1/2018- 2/28/2019	\$126,686	\$0	\$126,68	6 100%	\$126,686
GN18-0212	GP20045	Engineering Seed Value in Cotton - Strategies to Modify Seed Protein	R C	Cotton Incorporated	Private	1/1/2018- 12/31/2018	\$55,000	\$13,394	\$41,60	6 100%	\$41,606
			Total for	Chapman,Kent D							\$168,292
McGarry,Ro	isin Carri	ie									, _ · · · · · · ·
•		yre, B., PI; Biological Sciences									
GN18-0227 (GP20049	Redesigning the cotton plant's architecture to improve yield and quality	R C	Cotton Incorporated	Private	1/1/2018- 12/31/2018	\$45,000	\$7,203	\$37,79	7 50%	\$18,899
			Total for	McGarry,Roisin Carri	ie						\$18,899
			Total for	Biological Sciences							\$206,089
Chemistry											
Buongiorno I	Nardelli,N	Marco									
Buongiorno N	Nardelli, M	1., PI; Chemistry; Buongiorno Narde	elli, M., Pl	; Physics							
GN18-0304 (GF40082	AFRL Collaboration Program - Materials and Manufacturing Research	R C	Clarkson Aerospace Corp	Federal	1/1/2018- 5/15/2018	\$50,000	\$0	\$50,00	0 20%	\$10,000
			Total for	Buongiorno Nardelli,N	I arco						\$10,000
Chyan,Olive	r MR										. , .
GN18-0233 (GP20051	Novel Chemical Approaches to Enhance Etch Anisotropy		Semiconductor Research Corporation	Private	1/1/2018- 12/31/2019	\$176,000	\$88,000	\$88,00	0 100%	\$88,000
Office of Ca		Contracts Administration University								ards March FY2	

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	•	Recognition %	Distribution Amount
			Total fo	r Chyan,Oliver M R							\$88,000
Cisneros,	Gerardo An	dres									
GN16-063	6 GF00002	Theory and Simulation of DNA Repair Enzymes; Mechanism, Structure and Function	R	National Institutes of Heal	th Federal	8/1/2016- 3/31/2019	\$672,719	\$447,408	\$225,31	1 100%	\$225,311
			Total fo	r Cisneros,Gerardo And	res						\$225,311
			Total fo	r Chemistry							\$323,311
Institute	for Applie	ed Sciences									
O'Neill II,	Martin Jose	eph									-
		Institute for Applied Sciences; Mikler Development and deployment of computational methods to facilitate response planning for POD placement and distribution of Medical Counter Measures from Regional RSS sites to PODs in Texas DSHS Region 6/5S	R	Computer Science & Engi. Texas Department of State Health Service	_	3/12/2018- 6/30/2018	\$209,783	\$0	\$209,78	3 50%	\$104,892
		•	Total fo	r O'Neill II,Martin Jose _l	ph						\$104,892
			Total fo	r Institute for Applied S	ciences						\$104,892
Physics											
Buongiorr	no Nardelli,	Marco									
_		M., PI; Physics; Buongiorno Nardell AFRL Collaboration Program - Materials and Manufacturing Research		Chemistry Clarkson Aerospace Corp	Federal	1/1/2018- 5/15/2018	\$50,000	\$0	\$50,00	0 80%	\$40,000
			Total fo	r Buongiorno Nardelli,M	I arco						\$40,000
Shemmer,	,Ohad										4 10,000
GN17-065	1 GF40081	Exploratory X-ray Monitoring of z>4 Radio-Quiet Quasars		Smithsonian Astrophysica Observatory	l Federal	3/9/2018- 3/8/2021	\$75,344	\$0	\$75,34	4 100%	\$75,344
			Total fo	r Shemmer,Ohad							\$75,344
			Total fo	r Physics							\$115,344

File Number	Account Number	Award Title	Activity	Sponsor	Original Source	Project Period	Total Award	Previously Allocated	Currently Allocated	Recognition %	Distribution Amount
			Total for	College of Science							\$749,636
			Total for 1	UNT							\$1,902,596
			Total for 1	MarchFY2018:							\$1,902,596