

Monthly Proposals Report for March 2017
Office of Grants and Contracts, University of North Texas

Proposals Total by College	March 2016	March 2017	YTD FY2016	YTD FY2017
College of Arts and Sciences	\$1,905,329	\$17,057,576	\$39,313,739	\$69,458,011
College of Business	\$0	\$0	\$805,970	\$1,767,546
College of Education	\$181,583	\$1,974,659	\$6,052,564	\$5,715,434
College of Engineering	\$10,047,384	\$10,135,137	\$50,677,860	\$58,592,831
College of Information	\$102,300	\$0	\$6,251,951	\$3,955,228
College of Merchandising Hospitality and Tourism	\$0	\$39,377	\$0	\$622,032
College of Music	\$0	\$0	\$12,864	\$20,001
College of Public Affairs and Community Service	\$270,211	\$0	\$4,002,399	\$2,584,787
College of Visual Arts and Design	\$0	\$0	\$99,636	\$0
Mayborn School of Journalism	\$0	\$0	\$54,000	\$156,188
Other ¹	\$132,373	\$2,020,610	\$4,312,536	\$4,392,915
Grand Total:	\$12,639,180	\$31,227,359	\$111,583,519	\$147,264,973

Proposals Total by Category	March 2016	March 2017	YTD FY2016	YTD FY2017
Instruction	\$3,600	\$68,500	\$451,093	\$2,975,941
Public Service	\$103,661	\$29,536,137	\$9,360,213	\$5,250,764
Research (Applied, Basic, Development)	\$12,460,313	\$1,622,721	\$99,096,493	\$138,166,993
Other ²	\$71,606	\$0	\$2,675,720	\$871,275
Grand Total:	\$12,639,180	\$31,227,359	\$111,583,519	\$147,264,973

Proposals Total by Source of Funding	March 2016	March 2017	YTD FY2016	YTD FY2017
Federal	\$11,669,907	\$26,536,777	\$98,207,557	\$120,848,520
Private	\$548,148	\$4,407,027	\$9,419,998	\$13,655,239
State	\$421,125	\$283,554	\$3,955,964	\$12,761,214
Grand Total:	\$12,639,180	\$31,227,359	\$111,583,519	\$147,264,973

Notes:

- 1 Other includes UNT Libraries, Office of the Provost and Vice President of Academic Affairs, Enrollment Management, Dean of Students, Director Risk Management, Honors College, and Outreach & Community Involvement
- 2 Other includes Career, Conference, Equipment, Fellowship, Infrastructure/Facilities, Student Support, Travel, and Training

Special Note:

In detailed proposal data, PI is the Cayuse SP named Lead Principal Investigator and Co-PI is any Cayuse SP named Principal Investigator. Recognition in the detailed proposal data is distributed from the Allocation of Credit as entered in Cayuse SP.

Proposals, March FY2017

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
UNT											
<i>Admin</i>											
<i>Parking Services</i>											
Robinson, Geary											
17-0442 Proposal: New	Electric Vehicle Technologies Deployment	Public Service	North Central Texas Council of Governments	Federal Flow Thru	PI	10/1/2017	2.91	4850.00%	100%	\$52,009	Pending
	Totals for		Robinson, Geary							\$52,009	
	Totals for		Parking Services							\$52,009	
	Totals for		Admin							\$52,009	
College of Arts & Sciences											
<i>Biological Sciences</i>											
Chapman, Kent											
16-0658 Proposal: New	Understanding and manipulating the compartmentation of seed oil metabolic networks for the targeted synthesis of novel oils in crops	Research - Basic	National Science Foundation - NSF	Federal	PI	1/1/2018	3.91	4850.00%	100%	\$955,101	Pending
17-0217 Proposal: New	Multi-Tissue Engineering of Camelina for Sustainable Production of Energy-Dense Lipids	Research - Applied	U.S. Department of Energy - DOE	Federal	PI	9/1/2017	4.91	4850.00%	100%	\$10,547,394	Pending
	Totals for		Chapman, Kent							\$11,502,495	
Dubansky, Benjamin											
<i>Dubansky, B. , PI; Biological Sciences; Verbeck, G. , Co-PI; Chemistry</i>											
17-0272 Proposal: New	Models for Airborne Contaminant Risk at Oiled Environments: Avian, Teleost and Petrochemical	Research - Basic	Gulf of Mexico Research Initiative	Industry	PI	1/1/2018	1.91	4850.00%	50%	\$484,871	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
17-0273 Proposal: New	Evolutionary rescue in Gulf killifish (<i>Fundulus grandis</i>) populations: using recently discovered adapted populations to predict potential for adaptation in response to future exposures	Research - Basic	Baylor University	Industry Flow Thru	PI	1/1/2018	1.91	4850.00%	100%	\$54,587	Pending
			Totals for	Dubansky, Benjamin						\$539,458	
Hughes, Lee											
<i>Hughes, L. , PI; Biological Sciences; Chen, P. , Co-PI; Counseling & Higher Education; Acree, W. , Co-PI; Chemistry; Philipose, U. , Co-PI; Physics; Liu, J. , Co-PI; Mathematics</i>											
17-0396 Proposal: New	Fostering Outstanding Cohorts in Undergraduate Science 2017	Research - Basic	National Science Foundation - Federal NSF		PI	7/1/2018	4.91	4850.00%	27.5%	\$273,795	Pending
			Totals for	Hughes, Lee						\$273,795	
McFarlin, Brian											
<i>McFarlin, B. , Co-PI; Biological Sciences; Bowman, E. , Co-PI; Olson, R. , Co-PI; Kinesiology, Health Promotion, & Recreation</i>											
17-0416 Proposal: New	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research - Applied	Physicians Exclusive, LLC	Industry	Co-PI	4/1/2017	5.66	2000.00%	6.5%	\$27,300	Pending
<i>McFarlin, B. , Co-PI; Biological Sciences; Bowman, E. , Co-PI; Kinesiology, Health Promotion, & Recreation</i>											
17-0455 Proposal: New	Determining the Effect of 12-weeks of Oral Capsanthin Supplementation on Eye/Macular Health & Function in Older Adults with AMD	Research - Applied	Unibar Corporation	Industry	Co-PI	6/1/2017	3.5	4850.00%	7%	\$3,500	Pending
			Totals for	McFarlin, Brian						\$30,800	
Venables, Barney											
17-0393 Proposal: New	Evaluating the impacts of gulf oil on the nutritional quality of aquatic food chains.	Research - Applied	University of Florida	Industry Flow Thru	PI	1/1/2018	1.91	4850.00%	100%	\$287,031	Pending
			Totals for	Venables, Barney						\$287,031	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Verbeck, Guido											
<i>Verbeck, G. , Co-PI; Biological Sciences; Verbeck, G. , PI; Chemistry; King, K. , Co-PI; Political Science</i>											
17-0340 Proposal: New	Using Membrane Inlet Mass Spectrometry to Create an Earth Based Separations Model to Better Locate Clandestine Drug Labs and Developing Lawful Protocols to Implement the	Research - Applied	National Institute of Justice - NIJ	Federal	Co-PI	1/1/2018	2.91	4850.00%	15%	\$94,188	Pending
		Totals for	Verbeck, Guido							\$94,188	
Vingren, Jakob											
17-0416 Proposal: New	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research - Applied	Physicians Exclusive, LLC	Industry	Co-PI	4/1/2017	5.66	2000.00%	1.5%	\$6,300	Pending
17-0427 Proposal: New	The Effect of Differing Caffeine Dosage on Muscular Performance in Females	Research - Applied	National Strength and Conditioning Association	Not for Profit	Co-PI	9/1/2017	0.91	0.00%	10%	\$250	Pending
17-0455 Proposal: New	Determining the Effect of 12-weeks of Oral Capsanthin Supplementation on Eye/Macular Health & Function in Older Adults with AMD	Research - Applied	Unibar Corporation	Industry	Co-PI	6/1/2017	3.5	4850.00%	2%	\$1,000	Pending
		Totals for	Vingren, Jakob							\$7,550	
Wang, Xiaoqiang											
17-0395 Proposal: Resubmissio	Characterization and engineering of glucuronosyltransferases toward flavonoid glucuronides for Alzheimer's disease	Research - Basic	National Institutes of Health - NIH	Federal	PI	1/1/2018	1.91	4850.00%	100%	\$408,375	Pending
		Totals for	Wang, Xiaoqiang							\$408,375	
		Totals for	Biological Sciences							\$13,143,692	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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Chemistry

Acree, William

Acree, W. , Co-PI; Chemistry; Hughes, L. , PI; Biological Sciences; Chen, P. , Co-PI; Counseling & Higher Education; Philipose, U. , Co-PI; Physics; Liu, J. , Co-PI; Mathematics

17-0396 Proposal: New	Fostering Outstanding Cohorts in Undergraduate Science 2017	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2018	4.91	4850.00%	15%	\$149,343	Pending
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Totals for **Acree, William** **\$149,343**

Verbeck, Guido

Verbeck, G. , Co-PI; Chemistry; Dubansky, B. , PI; Biological Sciences

17-0272 Proposal: New	Models for Airborne Contaminant Risk at Oiled Environments: Avian, Teleost and Petrochemical	Research - Basic	Gulf of Mexico Research Initiative	Industry	Co-PI	1/1/2018	1.91	4850.00%	50%	\$484,871	Pending
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Verbeck, G. , PI; Chemistry; King, K. , Co-PI; Political Science; Verbeck, G. , Co-PI; Biological Sciences

17-0340 Proposal: New	Using Membrane Inlet Mass Spectrometry to Create an Earth Based Separations Model to Better Locate Clandestine Drug Labs and Developing Lawful Protocols to Implement the	Research - Applied	National Institute of Justice - NIJ	Federal	PI	1/1/2018	2.91	4850.00%	35%	\$219,772	Pending
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Totals for **Verbeck, Guido** **\$704,643**

Totals for **Chemistry** **\$853,985**

Mathematics

Liu, Jianguo

Liu, J. , Co-PI; Mathematics; Hughes, L. , PI; Biological Sciences; Chen, P. , Co-PI; Counseling & Higher Education; Acree, W. , Co-PI; Chemistry; Philipose, U. , Co-PI; Physics

17-0396 Proposal: New	Fostering Outstanding Cohorts in Undergraduate Science 2017	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2018	4.91	4850.00%	15%	\$149,343	Pending
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Totals for **Liu, Jianguo** **\$149,343**

Wang, Xuexia

17-0429 Proposal: New	Understanding Causes of Outcome Disparities in AYAs with ALL	Research - Basic	The University of Alabama at Birmingham	Not for Profit Flow Thru	PI	1/1/2018	4.91	1999.90%	100%	\$45,751	Pending
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Totals for **Wang, Xuexia** **\$45,751**

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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Totals for	Mathematics									\$195,094	
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Philosophy & Religion Studies

Rozzi, Ricardo

Rozzi, R. , Co-PI; Philosophy & Religion Studies; Kennedy, J. , PI; Advanced Environmental Research Institute (AERI)

16-0648 Proposal: New	Assessing the impacts of global change on the southernmost watersheds of the world: creating a new generation of water stewards in the US and Chile	Research - Applied	Partners of the Americas	Foundation	Co-PI	11/1/2016	1.08	0.00%	50%	\$12,500	Declined
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Totals for	Rozzi, Ricardo									\$12,500	
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Totals for	Philosophy & Religion Studies									\$12,500	
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Physics

Krokhin, Arkadii

Krokhin, A. , Co-PI; Neogi, A. , PI; Physics; Choi, T. , Co-PI; Mechanical & Energy Engineering

17-0242 Proposal: New	EFRI NewLaw: Non-reciprocal effects and Anderson localization of acoustic and elastic waves in periodic structures with broken P-symmetry of the unit cell	Research - Basic Applied	National Science Foundation - Federal NSF		Co-PI	11/1/2017	3.75	4850.00%	30%	\$599,167	Pending
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Totals for	Krokhin, Arkadii									\$599,167	
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Lin, Yuankun

Lin, Y. , PI; Physics; Lin, Y. , Co-PI; Electrical Engineering

17-0382 Proposal: New	D-shape Fiber and Gradient Photonic Lattice Based Distributed Fiber Sensors for Crude Oil Detection and Pipeline Monitoring in Deep Ocean	Research - Applied	Gulf of Mexico Research Initiative	Industry	PI	1/1/2018	1.91	4850.00%	75%	\$714,368	Pending
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Lin, Y. , PI; Physics; Lin, Y. , Co-PI; Electrical Engineering

17-0413 Proposal: Resubmissio	CM: Cloud Enabled Open Source Solution for Cyber-manufacturing in 2D and 3D Digital Manufacturing	Research - Basic Applied	National Science Foundation - Federal NSF		PI	7/1/2017	1.91	4850.00%	75%	\$75,595	Pending
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Totals for	Lin, Yuankun									\$789,963	
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Neogi, Arup											
<i>Neogi, A. , PI; Krokhn, A. , Co-PI; Physics; Choi, T. , Co-PI; Mechanical & Energy Engineering</i>											
17-0242 Proposal: New	EFRI NewLaw: Non-reciprocal effects and Anderson localization of acoustic and elastic waves in periodic structures with broken P-symmetry of the unit cell	Research - Basic	National Science Foundation - Federal NSF		PI	11/1/2017	3.75	4850.00%	50%	\$998,611	Pending
		Totals for	Neogi, Arup							\$998,611	
Philipose, Usha											
<i>Philipose, U. , Co-PI; Physics; Hughes, L. , PI; Biological Sciences; Chen, P. , Co-PI; Counseling & Higher Education; Acree, W. , Co-PI; Chemistry; Liu, J. , Co-PI; Mathematics</i>											
17-0396 Proposal: New	Fostering Outstanding Cohorts in Undergraduate Science 2017	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2018	4.91	4850.00%	15%	\$149,343	Pending
		Totals for	Philipose, Usha							\$149,343	
		Totals for	Physics							\$2,537,083	
Political Science											
King, Kimi											
<i>King, K. , Co-PI; Political Science; Verbeck, G. , PI; Chemistry; Verbeck, G. , Co-PI; Biological Sciences</i>											
17-0340 Proposal: New	Using Membrane Inlet Mass Spectrometry to Create an Earth Based Separations Model to Better Locate Clandestine Drug Labs and Developing Lawful Protocols to Implement the	Research - Applied	National Institute of Justice - NIJ	Federal	Co-PI	1/1/2018	2.91	4850.00%	50%	\$313,960	Pending
		Totals for	King, Kimi							\$313,960	
		Totals for	Political Science							\$313,960	
Psychology											
Taylor, Daniel											
17-0420 Proposal: Supplement	CAP-Treatment of Comorbid Sleep Disorders and PTSD	Research - Applied	University of Texas Health Science Center at San Antonio	Federal Flow Thru	PI	9/30/2015	2	4847.10%	100%	\$1,262	Awarded
		Totals for	Taylor, Daniel							\$1,262	
		Totals for	Psychology							\$1,262	
		Totals for	College of Arts & Sciences							\$17,057,576	

File Number	Title	Category	Sponsor	Sponsor Type	PI/ Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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College of Education

Counseling & Higher Education

Chen, Pushih

Chen, P. , Co-PI; Counseling & Higher Education; Hughes, L. , PI; Biological Sciences; Acree, W. , Co-PI; Chemistry; Philipose, U. , Co-PI; Physics; Liu, J. , Co-PI; Mathematics

17-0396 Proposal: New	Fostering Outstanding Cohorts in Undergraduate Science 2017	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2018	4.91	4850.00%	27.5%	\$273,795	Pending
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Totals for **Chen, Pushih** **\$273,795**

Totals for **Counseling & Higher Education** **\$273,795**

Educational Psychology

Frosch, Cynthia

Frosch, C. , Co-PI; Middlemiss, W. , PI; Educational Psychology

17-0389 Proposal: Resubmissio	DREAM: Sleep Message to Eliminate Racial Disparity in Sleep-Related Infant Death	Research - Applied	Florida State University	Federal Flow Thru	Co-PI	1/1/2018	4.91	4850.00%	40%	\$466,992	Pending
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Totals for **Frosch, Cynthia** **\$466,992**

Middlemiss, Wendy

Middlemiss, W. , PI; Frosch, C. , Co-PI; Educational Psychology

17-0389 Proposal: Resubmissio	DREAM: Sleep Message to Eliminate Racial Disparity in Sleep-Related Infant Death	Research - Applied	Florida State University	Federal Flow Thru	PI	1/1/2018	4.91	4850.00%	60%	\$700,487	Pending
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Totals for **Middlemiss, Wendy** **\$700,487**

Totals for **Educational Psychology** **\$1,167,479**

Kinesiology, Health Promotion, & Recreation

Bowman, Erin

Bowman, E. , Co-PI; Olson, R. , Co-PI; Kinesiology, Health Promotion, & Recreation; McFarlin, B. , Co-PI; Biological Sciences

17-0416 Proposal: New	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research - Applied	Physicians Exclusive, LLC	Industry	Co-PI	4/1/2017	5.66	2000.00%	10%	\$42,000	Pending
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Bowman, E. , Co-PI; Kinesiology, Health Promotion, & Recreation; McFarlin, B. , Co-PI; Biological Sciences</i>											
17-0455 Proposal: New	Determining the Effect of 12-weeks of Oral Capsanthin Supplementation on Eye/Macular Health & Function in Older Adults with AMD	Research - Applied	Unibar Corporation	Industry	Co-PI	6/1/2017	3.5	4850.00%	10%	\$5,000	Pending
		Totals for	Bowman, Erin							\$47,000	
Gu, Xiangli											
17-0431 Proposal: New	Effects of A Technology-based Fundamental Motor Skill Intervention on Hispanic Children's Physical and Cognitive Function	Research - Basic	American Psychological Association	Not for Profit	PI	9/1/2018	0.91	0.00%	50%	\$14,118	Pending
		Totals for	Gu, Xiangli							\$14,118	
Jackson, Allen											
<i>Jackson, A. , Co-PI; Zhang, T. , Co-PI; Kinesiology, Health Promotion, & Recreation</i>											
17-0431 Proposal: New	Effects of A Technology-based Fundamental Motor Skill Intervention on Hispanic Children's Physical and Cognitive Function	Research - Basic	American Psychological Association	Not for Profit	Co-PI	9/1/2018	0.91	0.00%	20%	\$5,647	Pending
		Totals for	Jackson, Allen							\$5,647	
Keller, M											
17-0431 Proposal: New	Effects of A Technology-based Fundamental Motor Skill Intervention on Hispanic Children's Physical and Cognitive Function	Research - Basic	American Psychological Association	Not for Profit	Co-PI	9/1/2018	0.91	0.00%	20%	\$5,647	Pending
		Totals for	Keller, M							\$5,647	
McFarlin, Brian											
<i>McFarlin, B. , PI; Vingren, J. , Co-PI; Kinesiology, Health Promotion, & Recreation</i>											
17-0416 Proposal: New	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research - Applied	Physicians Exclusive, LLC	Industry	PI	4/1/2017	5.66	2000.00%	58.5%	\$245,700	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
17-0455 Proposal: New	Determining the Effect of 12-weeks of Oral Capsanthin Supplementation on Eye/Macular Health & Function in Older Adults with AMD	Research - Applied	Unibar Corporation	Industry	PI	6/1/2017	3.5	4850.00%	63%	\$31,500	Pending
			Totals for	McFarlin, Brian						\$277,200	
Olson, Ryan											
<i>Olson, R. , Co-PI; Bowman, E. , Co-PI; Kinesiology, Health Promotion, & Recreation; McFarlin, B. , Co-PI; Biological Sciences</i>											
17-0416 Proposal: New	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research - Applied	Physicians Exclusive, LLC	Industry	Co-PI	4/1/2017	5.66	2000.00%	10%	\$42,000	Pending
			Totals for	Olson, Ryan						\$42,000	
Vingren, Jakob											
<i>Vingren, J. , Co-PI; McFarlin, B. , PI; Kinesiology, Health Promotion, & Recreation</i>											
17-0416 Proposal: New	Does 90-days of Megasporebiotic supplementation reduce on post-prandial responses to a high-fat meal?	Research - Applied	Physicians Exclusive, LLC	Industry	Co-PI	4/1/2017	5.66	2000.00%	13.5%	\$56,700	Pending
17-0427 Proposal: New	The Effect of Differing Caffeine Dosage on Muscular Performance in Females	Research - Applied	National Strength and Conditioning Association	Not for Profit	PI	9/1/2017	0.91	0.00%	90%	\$2,250	Pending
17-0455 Proposal: New	Determining the Effect of 12-weeks of Oral Capsanthin Supplementation on Eye/Macular Health & Function in Older Adults with AMD	Research - Applied	Unibar Corporation	Industry	Co-PI	6/1/2017	3.5	4850.00%	18%	\$9,000	Pending
			Totals for	Vingren, Jakob						\$67,950	
Zhang, Tao											
17-0417 Proposal: New	Can Empowering and Disempowering Climates Predict Student Athletes' Health-Related Outcomes?	Research - Applied	Society of Health and Physical Educators -SHAPE America	Not for Profit	PI	8/15/2017	0.75	0.00%	100%	\$2,500	Pending

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
<i>Zhang, T. , Co-PI; Jackson, A. , Co-PI; Kinesiology, Health Promotion, & Recreation</i>											
17-0431 Proposal: New	Effects of A Technology-based Fundamental Motor Skill Intervention on Hispanic Children's Physical and Cognitive Function	Research - Basic	American Psychological Association	Not for Profit	Co-PI	9/1/2018	0.91	0.00%	10%	\$2,824	Pending
			Totals for	Zhang, Tao						\$5,324	
			Totals for	Kinesiology, Health Promotion, & Recreation						\$464,885	

Teacher Education & Administration

Wickstrom, Carol

17-0450 Proposal: Supplement	Write for Texas	Instruction	University of Texas at Austin	State of TX Flow Thru	PI	3/9/2017	0.41	1500.00%	100%	\$68,500	Awarded
			Totals for	Wickstrom, Carol						\$68,500	
			Totals for	Teacher Education & Administration						\$68,500	
			Totals for	College of Education						\$1,974,659	

College of Engineering

Biomedical Engineering

Zhu, Donghui

Zhu, D. , PI; Biomedical Engineering; Young, M. , Co-PI; Materials Science & Engineering

17-0107 Proposal: New	Novel surface-modified bioresorbable zinc-based stent materials	Research - Basic	National Institutes of Health - NIH	Federal	PI	6/1/2018	4.91	4850.00%	90%	\$1,972,057	Pending
			Totals for	Zhu, Donghui						\$1,972,057	
			Totals for	Biomedical Engineering						\$1,972,057	

Computer Science & Engineering

Blanco Villar, Eduardo

Blanco Villar, E. , PI; Nielsen, R. , Co-PI; Computer Science & Engineering

17-0441 Proposal: New	BIGDATA:IA:Collaborative Proposal: ACHAT: Agents for Conversational Human Assessment and Testing	Research - Basic	National Science Foundation - NSF	Federal	PI	9/1/2017	3.91	4850.00%	100%	\$290,001	Pending
			Totals for	Blanco Villar, Eduardo						\$290,001	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Caragea, Cornelia											
17-0425 Proposal: New	BIGDATA: IA: Collaborative Research: Domain Adaptation Approaches for Classifying Crisis Related Data on Social Media	Research - Basic	National Science Foundation - Federal NSF		PI	1/1/2018	3.91	4850.00%	100%	\$499,435	Pending
		Totals for	Caragea, Cornelia							\$499,435	
Jin, Wei											
17-0435 Proposal: New	BIGDATA: IA: Collaborative Research: Harnessing Big Video Data to Enable Intelligent Efficient Storage	Research - Applied	National Science Foundation - Federal NSF		PI	9/1/2017	2.91	4850.00%	100%	\$300,396	Pending
		Totals for	Jin, Wei							\$300,396	
Ramisetty-Mikler, Suhasini											
<i>Ramisetty-Mikler, S. , PI; Computer Science & Engineering; Natesan, P. , Co-PI; Educational Psychology; Tiwari, C. , Co-PI; Geography</i>											
17-0345 Proposal: New	The efficacy of School Resource Officer program in the reduction of precursor risk behaviors for lethal youth violence	Research - Applied	Centers for Disease Control Prevention - CDC	Federal	PI	1/1/2018	2.91	4850.00%	100%	\$863,730	Pending
		Totals for	Ramisetty-Mikler, Suhasini							\$863,730	
		Totals for	Computer Science & Engineering							\$1,953,562	
Electrical Engineering											
Lin, Yuankun											
<i>Lin, Y. , Co-PI; Electrical Engineering; Lin, Y. , PI; Physics</i>											
17-0382 Proposal: New	D-shape Fiber and Gradient Photonic Lattice Based Distributed Fiber Sensors for Crude Oil Detection and Pipeline Monitoring in Deep Ocean	Research - Applied	Gulf of Mexico Research Initiative	Industry	Co-PI	1/1/2018	1.91	4850.00%	25%	\$238,123	Pending
<i>Lin, Y. , Co-PI; Electrical Engineering; Lin, Y. , PI; Physics</i>											
17-0413 Proposal: Resubmissio	CM: Cloud Enabled Open Source Solution for Cyber-manufacturing in 2D and 3D Digital Manufacturing	Research - Basic	National Science Foundation - Federal NSF		Co-PI	7/1/2017	1.91	4850.00%	25%	\$25,198	Pending
		Totals for	Lin, Yuankun							\$263,321	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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Namuduri, Kameswara Rao

17-0406 Proposal: New	CPS: Medium: Collaborative Research: Foundations for Self-Organized Aerial Networking of Unmanned Aircraft Systems	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2017	2.91	4850.00%	100%	\$449,667	Pending
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Totals for **Namuduri, Kameswara Rao** **\$449,667**

Yang, Tao

17-0405 Proposal: New	CPS: Medium: Collaborative Research: A Distributed Paradigm for Reliable, Efficient and Resilient Microgrid Operation under Communication and Physical Constraints	Research - Basic	National Science Foundation - Federal NSF		PI	10/1/2017	2.91	4850.00%	100%	\$216,292	Pending
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Totals for **Yang, Tao** **\$216,292**

Totals for **Electrical Engineering** **\$929,280**

Engineering Technology

Bostanci, Huseyin

17-0391 Proposal: New	Towards Innovative Rotary Displacer Stirling Engines for Highly-Efficient, Flexible, and Clean Power Generation	Research - Basic	Gordon and Betty Moore Foundation	Not for Profit	PI	9/1/2017	2.91	0.00%	100%	\$825,000	Pending
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17-0403 Proposal: New	An Innovative Rotary Displacer Stirling Engine Technology for Landfill-Gas-to-Energy Applications	Research - Development	City of Denton	Local Govt	PI	5/1/2017	2.91	1500.00%	100%	\$298,507	Pending
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Totals for **Bostanci, Huseyin** **\$1,123,507**

Yu, Cheng

Yu, C. , PI; Zhang, H. , Co-PI; Engineering Technology

17-0424 Proposal: New	Fatigue Resistance and Reliability of High Mast Illumination Poles (HMIPs) with Pre-Existing Cracks	Research - Applied	University of Texas at Dallas	State of TX Flow Thru	PI	9/1/2017	1.91	1500.00%	60%	\$123,205	Pending
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
			Totals for	Yu, Cheng							\$123,205	
Zhang, Haifeng												
<i>Zhang, H. , Co-PI; Yu, C. , PI; Engineering Technology</i>												
17-0424 Proposal: New	Fatigue Resistance and Reliability of High Mast Illumination Poles (HMIPs) with Pre-Existing Cracks	Research - Applied	University of Texas at Dallas	State of TX Flow Thru	Co-PI	9/1/2017	1.91	1500.00%	40%	\$82,137	Pending	
			Totals for	Zhang, Haifeng							\$82,137	
			Totals for	Engineering Technology							\$1,328,849	

Materials Science & Engineering

Banerjee, Rajarshi

Banerjee, R. , Co-PI; Voevodin, A. , PI; Mishra, R. , Co-PI; Dahotre, N. , Co-PI; Materials Science & Engineering

17-0407 Proposal: New	Material Testing and Characterization in Support of Laser Surface Preparation Technologies	Research - Applied	University of Dayton	Federal Flow Thru	Co-PI	3/1/2017	1	4850.00%	25%	\$90,428	Pending
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17-0432 Proposal: New	Investigation of Fundamental Mechanisms for Multi-Scale Modeling of Complex Concentrated Alloys for Aircraft Structural Applications	Research - Basic	Air Force Office of Scientific Research - AFOSR	Federal	PI	5/1/2017	3.91	4850.00%	100%	\$883,078	Pending
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Totals for **Banerjee, Rajarshi** **\$973,506**

Choi, Wobong

Choi, W. , Co-PI; Materials Science & Engineering; Zhao, W. , PI; Prasad, V. , Co-PI; Mechanical & Energy Engineering

17-0223 Proposal: New	A Novel Solar Concentrated Thermionic Emitter for High-Efficiency Photovoltaics (PVs)	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	10/1/2017	0.91	4850.00%	42%	\$102,136	Pending
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Totals for **Choi, Wobong** **\$102,136**

Dahotre, Narendra

Dahotre, N. , Co-PI; Voevodin, A. , PI; Mishra, R. , Co-PI; Banerjee, R. , Co-PI; Materials Science & Engineering

17-0407 Proposal: New	Material Testing and Characterization in Support of Laser Surface Preparation Technologies	Research - Applied	University of Dayton	Federal Flow Thru	Co-PI	3/1/2017	1	4850.00%	25%	\$90,428	Pending
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
			Totals for	Dahotre, Narendra							\$90,428	
Mishra, Rajiv												
<i>Mishra, R. , Co-PI; Voevodin, A. , PI; Banerjee, R. , Co-PI; Dahotre, N. , Co-PI; Materials Science & Engineering</i>												
17-0407 Proposal: New	Material Testing and Characterization in Support of Laser Surface Preparation Technologies	Research - Applied	University of Dayton	Federal Flow Thru	Co-PI	3/1/2017	1	4850.00%	25%	\$90,428	Pending	
17-0449 Proposal: Supplement	Cooperative Agreement # W911NF-13-2-0018 - Development of Multi-physics Based Hybrid Manufacturing for Unique Microstructure	Research - Basic	US Army Research Laboratory - ARL	Federal	PI	6/1/2017	0.91	4850.00%	100%	\$745,022	Awarded	
<i>Mishra, R. , PI; Mukherjee, S. , Co-PI; Materials Science & Engineering</i>												
17-0452 Proposal: New	Friction Stir Additive Manufacturing of Titanium Alloys for High Performance Military Applications	Research - Basic	ATS-MER, LLC	Federal Flow Thru	PI	7/1/2017	1.91	4850.00%	50%	\$250,000	Pending	
			Totals for	Mishra, Rajiv							\$1,085,450	
Mukherjee, Sundeep												
<i>Mukherjee, S. , Co-PI; Mishra, R. , PI; Materials Science & Engineering</i>												
17-0452 Proposal: New	Friction Stir Additive Manufacturing of Titanium Alloys for High Performance Military Applications	Research - Basic	ATS-MER, LLC	Federal Flow Thru	Co-PI	7/1/2017	1.91	4850.00%	50%	\$250,000	Pending	
			Totals for	Mukherjee, Sundeep							\$250,000	
Voevodin, Andrey												
<i>Voevodin, A. , PI; Mishra, R. , Co-PI; Banerjee, R. , Co-PI; Dahotre, N. , Co-PI; Materials Science & Engineering</i>												
17-0407 Proposal: New	Material Testing and Characterization in Support of Laser Surface Preparation Technologies	Research - Applied	University of Dayton	Federal Flow Thru	PI	3/1/2017	1	4850.00%	25%	\$90,428	Pending	
17-0454 Proposal: New	Two-dimensional nanostructured material processing and characterization.	Research - Basic	US Army Research Laboratory - ARL	Federal	PI	3/28/2017	1.08	4850.00%	100%	\$73,529	Awarded	
			Totals for	Voevodin, Andrey							\$163,957	

File Number	Title	Category	Sponsor	Sponsor Type	PI/ Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
Young, Marcus											
<i>Young, M. , Co-PI; Materials Science & Engineering; Zhu, D. , PI; Biomedical Engineering</i>											
17-0107 Proposal: New	Novel surface-modified bioresorbable zinc-based stent materials	Research - Basic	National Institutes of Health - NIH	Federal	Co-PI	6/1/2018	4.91	4850.00%	10%	\$219,117	Pending
17-0383 Proposal: New	Characterization of a High Entropy Alloy Welding Process for Application to Forging Dies	Research - Applied	Forging Foundation	Foundation	PI	6/1/2017	1.08	1000.00%	100%	\$9,996	Pending
17-0448 Proposal: New	Field Responsive Properties of Adaptive Strain Glass	Research - Basic	US Army Research Laboratory - ARL	Federal	PI	3/28/2017	1.08	4850.00%	100%	\$120,000	Awarded
Totals for Young, Marcus										\$349,113	
Totals for Materials Science & Engineering										\$3,014,589	

Mechanical & Energy Engineering

Choi, Tae-Youl

Choi, T. , Co-PI; Mechanical & Energy Engineering; Neogi, A. , PI; Krokhin, A. , Co-PI; Physics

17-0242 Proposal: New	EFRI NewLaw: Non-reciprocal effects and Anderson localization of acoustic and elastic waves in periodic structures with broken P-symmetry of the unit cell	Research - Basic	National Science Foundation - NSF	Federal	Co-PI	11/1/2017	3.75	4850.00%	20%	\$399,444	Pending
17-0439 Proposal: New	Development of a wearable light therapy device for improving symptoms of traumatic brain injury and degenerative brain diseases	Research - Applied	Double H Corporation	Foreign Flow Thru	PI	6/1/2017	2.91	4850.00%	100%	\$396,311	Pending
Totals for Choi, Tae-Youl										\$795,755	

File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
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Prasad, Vishwanath

Prasad, V. , Co-PI; Zhao, W. , PI; Mechanical & Energy Engineering; Choi, W. , Co-PI; Materials Science & Engineering

17-0223 Proposal: New	A Novel Solar Concentrated Thermionic Emitter for High-Efficiency Photovoltaics (PVs)	Research - Applied	U.S. Department of Energy - DOE	Federal	Co-PI	10/1/2017	0.91	4850.00%	16%	\$38,909	Pending
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Totals for **Prasad, Vishwanath** **\$38,909**

Zhao, Weihuan

Zhao, W. , PI; Prasad, V. , Co-PI; Mechanical & Energy Engineering; Choi, W. , Co-PI; Materials Science & Engineering

17-0223 Proposal: New	A Novel Solar Concentrated Thermionic Emitter for High-Efficiency Photovoltaics (PVs)	Research - Applied	U.S. Department of Energy - DOE	Federal	PI	10/1/2017	0.91	4850.00%	42%	\$102,136	Pending
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Totals for **Zhao, Weihuan** **\$102,136**

Totals for **Mechanical & Energy Engineering** **\$936,800**

Totals for **College of Engineering** **\$10,135,137**

College of Merchandising, Hospitality & Tourism

Hospitality & Tourism

Leung, Xi

17-0423 Proposal: New	Sewing the Deep Pocket: An Analysis of Crime-related Hotel Lawsuits	Research - Applied	American Hotel Lodging Educational Foundation	Foundation	PI	7/1/2017	0.91	2000.00%	100%	\$39,377	Pending
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Totals for **Leung, Xi** **\$39,377**

Totals for **Hospitality & Tourism** **\$39,377**

Totals for **College of Merchandising, Hospitality & Tourism** **\$39,377**

Research & Innovation

Advanced Environmental Research Institute (AERI)

Kennedy, James

Kennedy, J. , PI; Advanced Environmental Research Institute (AERI); Rozzi, R. , Co-PI; Philosophy & Religion Studies

16-0648 Proposal: New	Assessing the impacts of global change on the southernmost watersheds of the world: creating a new generation of water stewards in the US and Chile	Research - Applied	Partners of the Americas	Foundation	PI	11/1/2016	1.08	0.00%	50%	\$12,500	Declined
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status
		Totals for	Kennedy, James							\$12,500	
		Totals for	Advanced Environmental Research Institute (AERI)							\$12,500	

VP Research & Innovation

Schultz, David

17-0414 Proposal: New	Computational laboratory astrophysics to enable transport modeling of protons and hydrogen in stellar winds, the ISM, and other astrophysical environments	Research - Basic	National Aeronautics Space Administration - NASA	Federal	PI	1/1/2018	2.91	4850.00%	100%	\$385,389	Pending
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	Totals for	Schultz, David								\$385,389	
	Totals for	VP Research & Innovation							\$385,389		
	Totals for	Research & Innovation							\$397,889		

Student Engagement

UNT TRIO

Strong, Anne

17-0385 Proposal: New	UNT Upward Bound Math Science	Public Service	U.S. Department of Education - ED	Federal	PI	10/1/2017	4.91	0.00%	100%	\$1,529,724	Pending
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	Totals for	Strong, Anne								\$1,529,724	
	Totals for	UNT TRIO							\$1,529,724		
	Totals for	Student Engagement							\$1,529,724		

University Library

University Library - General

Burns, Douglas

17-0399 Proposal: New	Mobile GIS Mini-lab	Public Service	Texas State Library and Archives Commission	State of TX	PI	9/1/2017	0.91	3150.00%	50%	\$4,856	Pending
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	Totals for	Burns, Douglas								\$4,856	
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File Number	Title	Category	Sponsor	Sponsor Type	PI / Co-PI	Start Date	Duration in Years	FA Rate %	Recognition %	Distribution Amount	Status	
Krahmer, Ana												
<i>Krahmer, A. , PI; Phillips, M. , Co-PI; University Library - General</i>												
17-0418 Proposal: New	An Iterative Model for Developing Online Video Instructions to Promote Digital Literacy	Public Service	Texas State Library and Archives Commission	Federal Flow Thru	PI	9/1/2017	0.91	3150.00%	100%	\$6,499	Pending	
<i>Krahmer, A. , Co-PI; Phillips, M. , PI; University Library - General</i>												
17-0422 Proposal: New	Borderlands Newspaper Digitization Project II	Public Service	Texas State Library and Archives Commission	Federal Flow Thru	Co-PI	9/1/2017	0.91	3150.00%	50%	\$12,389	Pending	
		Totals for	Krahmer, Ana								\$18,887	
Phillips, Mark												
<i>Phillips, M. , PI; Krahmer, A. , Co-PI; University Library - General</i>												
17-0422 Proposal: New	Borderlands Newspaper Digitization Project II	Public Service	Texas State Library and Archives Commission	Federal Flow Thru	PI	9/1/2017	0.91	3150.00%	50%	\$12,389	Pending	
		Totals for	Phillips, Mark								\$12,389	
Sittel, Nancy												
17-0399 Proposal: New	Mobile GIS Mini-lab	Public Service	Texas State Library and Archives Commission	State of TX	Co-PI	9/1/2017	0.91	3150.00%	50%	\$4,856	Pending	
		Totals for	Sittel, Nancy								\$4,856	
		Totals for	University Library - General								\$40,988	
		Totals for	University Library								\$40,988	
		Totals for	UNT								\$31,227,359	
		Totals for	March FY2017:								\$31,227,359	